

Ashok Kumar

Forestry: At A Glance

Rs. 950.00

(Pub. 2016) ➡ **NEW RELEASE**

Pages. x + 808

Size : Height - 9.75, Width - 7.25 Inches

(ISBN: 81-7089-378-X)

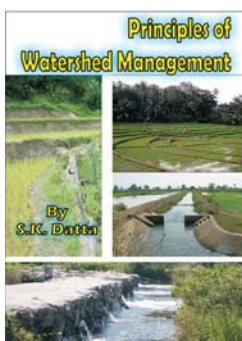
SUMMARY

The book entitled "Forestry: At a Glance" attempts to tackle this moving target by furnishing a good overview of the forestry background, outlining a range of current technologies and discussing a wide variety of applications and future prospects in forests. This text book will find profound utility by the students towards preparation of civil and state service examinations, ICAR Net and Scientists examinations, JRF and SRF examinations and University PG and Ph.D entrance examinations besides meeting other competitive demands of Professional graduates. The book has been designed particularly for the undergraduates, post-graduates, and state forest service, UPSC examinations related to forestry. High priority was given to making the book concerning the various topics of forestry science.

It covers the almost all subject related to forest viz., current forestry, principles and practices of silviculture, silvicultural systems, plantation forestry, agroforestry, social forestry, nursery technology, wasteland management, forest mensuration and management, forest inventory and remote sensing, forest tree improvement, forest surveying and leveling, forest soil and moisture conservation, water conservation and irrigation technologies, forest protection, forest policies and legislations, forest ecology and biodiversity conservation, forest utilization, wood science technology, geology and soil science, environmental science, forest economics, extension education and communication methods, ethno-botany and forest tribology, wildlife management and conservation etc.

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- | | |
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| 1, General Forestry | 17, Water Conservation and Irrigation |
| 2, Principles of Silviculture | 18, Forest Protection |
| 3, Practice of Silviculture | 19, Forest Policies and Legislations |
| 4, Silvicultural Systems | 20, Forest Ecology and Biodiversity |
| 5, Plantation Forestry | Conservation |
| 6, Agroforestry | 21, Forest Utilization |
| 7, Social Forestry and Wasteland Management | 22, Non Timber Forest Produces |
| 8, Nursery Technology and Management | 23, Wood Science and Technology |
| 9, Forest Management | 24, Geology and Soil Science |
| 10, Forest Mensuration | 25, Environmental Science |
| 11, Forest Sampling and Inventory | 26, Forest Economics |
| 12, Forest Tree Improvement | 27, Extension Education and Communication |
| 13, Forest Entomology | 28, Ethno-Botany and Tribology |
| 14, Forest Pathology | 29, Wildlife Management and Conservation |
| 15, Forest Surveying and Leveling | 30, Miscellaneous |
| 16, Forest Soils and Moisture Conservation | Glossary |



S. K. Datta
Principles of Watershed Management

Rs. 850.00

(Pub. 2012)
pp. ix + 189.
(ISBN: 81-7089-373-9)

This book has been written in a simple style, so that all concerned in the "Watershed Management" could understand the issues involved and the simplified management techniques.

SUMMARY

Emphases have also been given on Conserving soil & water through establishing permanent vegetation in the affected areas and reclaiming the sick soil through simple techniques rather than going for expensive engineering structures and techniques.

The book contains 08 chapters and 04 appendices. It would be a great help for students, researchers and institute etc.

Sushil kumar Gupta
Forestry Terminology

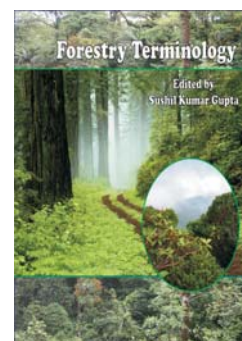
Rs. 450.00

(Pub. 2012)

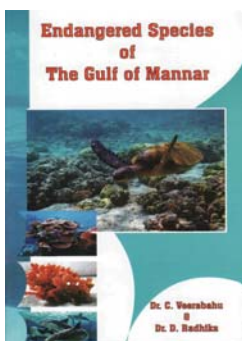
pp. x + 350.

(ISBN: 81-7089-377-1)

The present publication is targeted to cover wide audience including people working in governmental, non- governmental organizations, working on forestry policy and /or programmes, forestry enterprises, trade associations, research and education institutions and regional and international financial or developmental organizations. This book would also surely prove to be indispensable to the undergraduate and post graduate students pursuing their carriers in forestry.



SUMMARY



Dr. C. Veerabahu & Dr. D. Radhika
Endangered Species of The Gulf of Mannar

Rs. 650.00

(Pub. 2012)
pp. vii + 95.

(ISBN: 81-7089-364-X)

The Gulf of Mannar is uniquely influenced by southwest and northeast monsoons and is internationally known for its

SUMMARY

diversified and precious fisheries resources such as sea grasses, corals, chunks, pearls oysters, turtles, sea cows, crustaceans and fin fishes including the marine ornamental fishes. The Gulf of Mannar is the first marine biosphere reserve not only in India but also in south and Southeast Asia.

The Gulf of Mannar has unique ecological systems mainly contributed by coral reefs (as spawning grounds), sea grass beds (as nursery grounds) and mangroves (as shelter and feeding grounds) for many species of commercially important finfish and shellfish. About 3600 species of fauna & flora have been identified in this region.

We hope that this book will give a broad outlook about the endangered marine animals and the current status of the Gulf of Mannar region.

K. S. Shashidhar
Beginners Guide to Grow Orchids

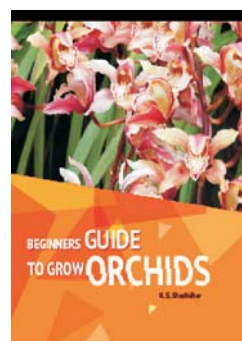
Rs. 2500.00

(Pub. 2012)

pp. x + 296.

(ISBN: 81-7089-376-3)

This book introduces orchids to a common man highlighting its special characteristics such as captivating flowers and the plant itself with various adaptations and modifications. These details are presented in a simple language with suitable pictures. Brief mention about the naming of orchids (both and hybrids) with examples makes an interesting feature even for a common grower. Understanding orchid plant's requirement and providing the same is the key to successful growing.



SUMMARY

It is hoped that this book will benefit amateur growers, hobbyists and commercial growers and institutions, in popularising, cultivating and conservation of orchids.

**S. Vaibhav K. Singh,
Yogendra Singh & Akhilesh
Singh**

**Ecofriendly Innovative
Approaches in Plant
Disease Management**

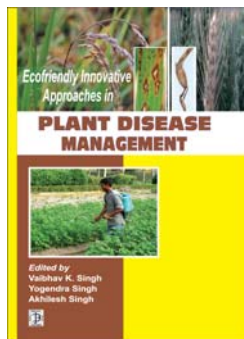
Rs. 5500.00

(Pub. 2012) pp. xviii + 682.

(ISBN: 81-7089-375-5)

In the book entitled "Ecofriendly Innovative Approaches in Plant Disease Management" a sincere effort is being made to provide the community all the practices which can be used in reducing plant diseases from our agro-ecosystem and in turn may also reduce the fungicide pressure being exerted on our environment. Authors have tried to compile chapters on all aspects of ecofriendly innovative approaches in plant disease management in this book.

All these chapters are of immense importance to the farmers, students, teachers, scientists, planners, administrators, practitioners of this important branch of science, and end users also with latest pertinent references and can act as a valuable source filling the gap that is prevailing in the know how protecting the crop plants from diseases with the use of ecofriendly innovative approaches.



SUMMARY

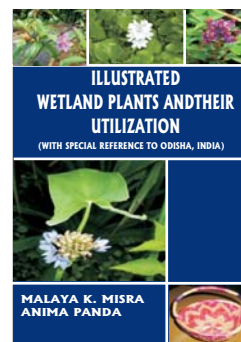
Misra, M.K. Panda, A.
**ILLUSTRATED WETLAND
PLANTS AND THEIR
UTILIZATION: (With Special
Reference To Odisha, India)**

Rs. 1500.00

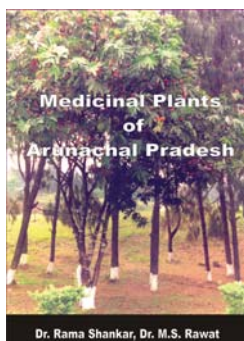
(Pub. 2012) pp. xi + 313.

(ISBN: 81-7089-369-0)

1. Introduction; 2. Wetlands- An Overview; 2.1. Introduction; 2.2. Definition; 2.3. Types of wetlands and their classification; 2.4. Distribution of wetlands and wetland area; 2.5. Function and value of wetlands; 2.6. Threat to wetlands; 2.7. Wetlands conservation and management; 3. Biodiversity of Wetland Plants of South Odisha; 3.1. General Account; 3.1.1. Area, Topography and climate; 3.1.2. Botanical exploration in the past; 3.1.3. Present collection & presentation of the data; 3.1.4. Statistical analysis of the wetland flora; 3.1.5. Distribution of taxa in south Odisha; 3.1.6. Grouping of plants according to their habit; 3.1.7. Endemic, rare and endangered aquatic plants of south Odisha; 3.2. Systematic Account; 3.2.1. Key to the families of flowering plants; 3.2.2. Enumeration of Plants; Dicotyledons; Monocotyledons; 4. Wetlands Plant Resources of south Odisha; 5. Bibliography; Index; 6. Colour Plates.



CONTENTS



SUMMARY

Shankar, R. & Rawat, M. S.
Medicinal Plants of Arunachal Pradesh

Rs. 1200.00

(Pub. 2012)

pp. X+134.

(ISBN: 81-7089-367-4)

The present monograph deals with an introductory account of land topography, geology and climate along with the people and the life of the tribal inhabitants.

The exhaustive exploration of medicinal plants and folklore medicines in different parts of the state of Arunachal Pradesh in different seasons from 1988 to 2006 have been described in detail which covers the medicinal plants collected from various fields under natural climatic conditions, plants under cultivation and the folklore for which Latin name families, their Sanskrit name, Hindi and local names for each plants along with salient features, period of flowering and fruiting distribution and uses are described in brief. As per

the requirement the monograph is supplemented with maps, line drawings and photographs. Separate chapters have been used for wasteland management and commercial prospects of medicinal plants in Arunachal Pradesh.

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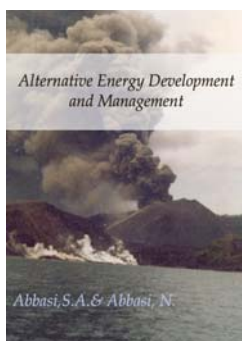
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Contact:

(Mr. Mohit Gahlot), Mob: 09837066875, E-mail: ifsdun@gmail.com

ibdbooks.com

Catalogue 2014-15



**Abbasi, S. A. And
Abbasi, N**
**Alternative Energy
Development &
Management**

Rs. 850.00

(Pub.1996) pp. 222

(ISBN: 81-7089-236-8)

CONTENTS

Environmental impact of non-conventional energy sources; Solar energy technologies & their environmental impacts; Rural energy Management: Energy forecasting A diagnosing failure & examining criteria for the future; Solar energy & its utilization; Performance of a shallow solar pond based domestic hot water system (100 LPD) in North Indian climate; Design & performance of spherical type biogas plants; Biogas digested slurry in the perspective of environmental viability; Coal conservation of the existing thermal power plants with MHD retrofitting; Nuclear energy clean source of power; Energy recovery with pollution control breakthroughs in anaerobic fermentation; Perspectives on technology forecasting on anaerobic digestion based energy production waste management systems; Renewable energy from aquatic biomass; Restoration of economic & environmental viability of the rural areas of Chhotanagpur plateau; Renewable energy education at undergraduate & postgraduate levels.

(ISBN: 81-7089-161-2)

Agarwal, S. C.
**Diseases of Green Gram
and Black gram**

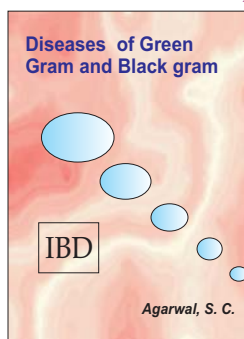
Rs. 950.00

(Pub. 1993).

pp.321, Figs and plates.

CONTENTS

Introduction; Fungal diseases; Bacterial diseases; Virus and mycoplasma diseases; Nematode diseases and mites; Seed pathology; Non parasitic disorders.



Abbasi, S. A.
**Worlds' Worst Weed its
impact and utilization**

Rs. 850.00

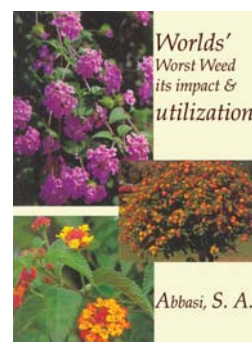
(Pub. 1993)

pp. xvi+224

(ISBN: 81-7089-151-5)

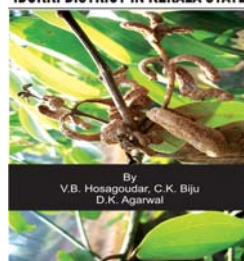
CONTENTS

Distribution of Salvinia; depletion of water resources and hindrance to water use by Salvinia; Environmental impact of Salvinia; control of Salvinia; Utilisation of Salvinia; Anaerobic digestion; Feasibility studies on Salvinia for energy production; Effect of weed: Water ratio on bio-gas production from Salvinia; Effect of temperature On biogas production from aquatic fern Salvinia; Bio-energy potential of eight common aquatic weeds; Survivability and growth of Salvinia molesta (Mitchell) over water treated with heavy metals and subsequent utilisation of the harvested weeds for energy (Bio-mass) production; Use of aquatic weed Salvinia As full/ partial feed in commercial bio-gas disasters; Design and performance elevation of a fern shredder; Studies on multiphase Anaerobic digestion of aquatic weed Salvinia; Productivity (Net primary production) in natural waters.



Advance in Plant Science Research Vol. 13 14
ISSN. No.

**FOLIICOLOUS FUNGAL FLORA OF
IDUKKI DISTRICT IN KERALA STATE**



By
V.B. Hosagoudar, C.K. Biju
D.K. Agarwal

**Agarwal, D.K.,
Hosagoudar, V.B.
& Biju, C.K.**

**Foliicolous Fungi of
Southern India**

Rs. 2500.00

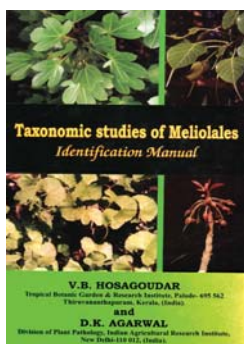
(Pub.2011),

pp. x+436.

(ISBN: 81-7089-366-6)

CONTENTS

1. Introduction; 2. Taxonomy; 3. Ascomycetes: (i) Erysiphales; (ii) Meliolales; (iii) Phyllachorales; (iv) Clavicipitales; (v) Asterinales; (v) Dothideales; 4. Basidiomycetes; (i) Uredinales; (ii) Ustilaginales; 5. Deuteromycetes; (i) Hyphomycetes; (ii) Sphaeropsidales; 6. Hyper Parasites; 7. Sphaeropsidales; 8. Hyper Parasites; 9. Doubtful Species; 10. Summary; 11. References; 12. Host & Species Index; 13. Colour Plates of Species



Agarwal, D.K. V. B. Hosagoudar

Taxonomic Studies of Meliolales: Identification Manual

Rs. 1500.00

(Pub. 2008).

pp.vii+263.

(ISBN: 81-7089-354-2)

SUMMARY

Meliolaceous fungi are commonly known as black or dark mildews. In contrast to the saprophytic sooty moulds, these are the obligate biotrophic parasites and are host specific, flourish in tropics. Beeli in 1920 was the first to give the consolidated account of this group. Subsequently, Stevens in 1927/28, gave an excellent account of this group. The Monographic work of Hansford in 1961/63 gave an elaborated account of this group, supplemented with line drawings and nomenclature. This group attracted the attention of several workers in the tropics, resulting in the addition of several taxa. To understanding the biodiversity and geographical distribution of an individual organism, the correct identity of an individual is vital. To do so, one should have a thorough knowledge about the till then known taxa. Keeping all this in mind, Hosagoudar *et al.* wrote. *The Meliolineae - A supplement*, which gave an account of more than 300 taxa of this group and updated the knowledge till then. Now there is a lapse of more than a decade, more than three hundred species and infra specific taxa including new genera and family have been added to this group. To fill the lacuna and gap in our knowledge on this group and to keep the researchers with till date knowledge, the present book has appeared.

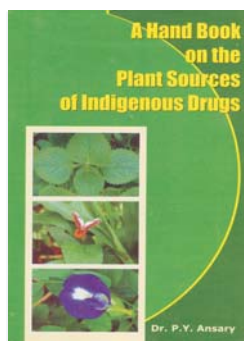
Ainsile, Whithlaw
Materia Indica, Vol.I

Rs. 1950.00

Rep 1979 Pp. xxiv+ 654.

SUMMARY

A Comprehensive account of those articles which are employed by the Hindoos in medicine, Arts and Agriculture.



Ansary, P. Y
A Hand Book on the Plant Sources of Indigenous Drugs

Rs. 1500.00

(Pub. 2005)
pp. xxviii+318.

(ISBN: 81-7089-320-8)

SUMMARY

A concise and in-depth presentation of 611 Ayurvedic drugs, under Sanskrit heading. Description includes common Sanskrit synonyms used in Ayurvedic formulations, updated Botanical nomenclature, Family, Malayalam, English, Hindi, Tamil and Telugu names of scientifically accepted source plants, Parts used, the details of Regionally used alternatives, Substitutes mentioned by Ayurvedic classical texts, Adulterants commonly met with in the market and Purification methods of toxic plants or plant parts. Discusses all vegetable drugs that come under Bachelor of Ayurvedic Medicine (B. A. M. S Ayurvedacharya) and Master of Doctor (Ayurveda) (M. D (Ay) (Ayurveda Vachaspathi)) syllabus prescribed by Central Council of Indian Medicine (CCIM) and important Ayurvedic formulations commercially manufactured by Ayurvedic Pharmaceuticals. Substitutes of the drugs from classical texts help to select therapeutically effective alternatives for extinct and exotic medicinal plants and subsequently to control adulteration found in the market. The book is designed to be a compact one for the students, teachers, practitioners and pharmaceutical men of Ayurveda, Botanists, Agriculturists, Foresters, Ethno medicine experts and the scientists engaged in the research of Medicinal Plants.

Arnold and Krochwal, C.
Let there be Forest

Pub(1986)

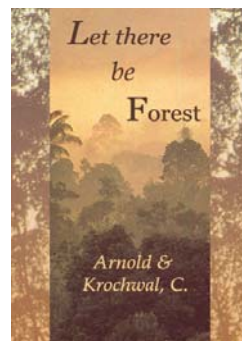
Rep. 1988. Pp.95.

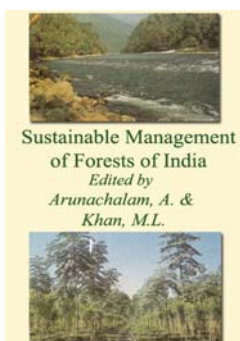
(ISBN: 81-7089-097-7)

Rs. 550.00

CONTENTS

Let there be forest: now and forever; Tree planting as a solution to local problems; Tree planting as a national endeavour; Topics in planning forestation projects; Learning from failure; Towards a global forestation strategy.





Arunachalam, A. and Khan, M.L.

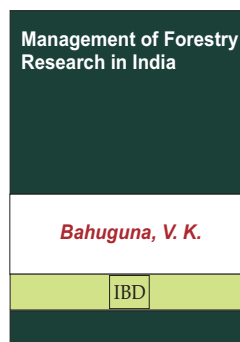
Sustainable Management of Forests of India

Rs.1950.00

(Pub.2001) Pp xi+560
(ISBN: 81-7089-280-5)

SUMMARY

Forest management has drawn attention of ecologists and foresters since long and its importance in sustainable resource utilization pattern has been well recognized. This subject is now well diversified and research is in progress at world level in different areas. This edition contains reviews, research and concept papers of active worker on some aspects of forest ecology and management and highlights the recent trends in major areas with reference to conservation to biological diversity and sustainable forest/natural resources management. It covers areas like bio-diversity inventory, conservation, joint forest management, ethno-botany, forest degradation and its rehabilitation, agro-forestry, and socio-culture and socio-economics of forest resources. This volume should be useful to researchers, teachers, as well as students of higher learning.



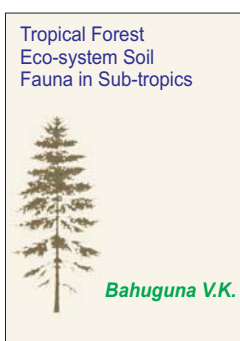
Bahuguna, V. K.
Management of Forestry Research in India

Rs. 595.00

(Pub.1992) pp. Ix-96
(ISBN: 81-7089-178-7)

SUMMARY

The forest and environment of India are under pressure from the rising population, leading into over_exploitation, massive deforestation and other natural calamities on account of ecological imbalances, threatening the life support system of the people. Realizing that the future of the country is linked with rational use of the resources and conservation of the forest; the task of improving productivity of the forest and their protection and extension on the degraded areas have acquired national priority in India today. To boost the efficient management of the forest and to develop new technologies required to meet the challenge, Government of India, in 1997, had re-organized the research set up in the country, by establishing Indian Council of Forestry Research and Education (ICFRE) and opening a network of research institutes under it; making the ICFRE, responsible for the forestry research planning, monitoring funding and co-ordination at the national level.



Bahuguna V.K.
Tropical Forest Ecosystem Soil Fauna in Sub-tropics

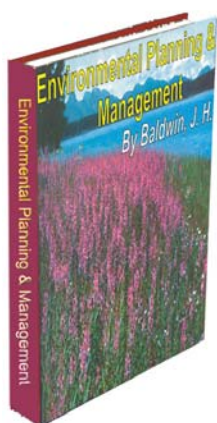
Rs. 550.00

(Pub.1991) pp. 110
(ISBN: 81-7089-138-8)

CONTENTS

Introduction; Review of literature; Study site and methodology; Soil fauna; Decomposition and mineralisation in Sal and *Eucalyptus* litter bags; General discussion; Conclusion.

This book focuses chiefly on two issues, firstly, need for developing system oriented planning framework for better resource allocation, control and monitoring research in India has been proposed, and issues of research programme, international co-operation, and personal requirements. Secondly, application of economic principles in deriving interest criteria for forestry research and evaluating the impact of research in terms of cost-benefit analysis are discussed with reference to the recent techniques developed. This project work starts from a brief history of forestry set up to give a better understanding of the situation.



Baldwin, J. H.

Environmental Planning and Management

Rs. 1350.00

Pub.(1985)

Rep. 1988. Pp. 352

(ISBN 81-7089-093-4)

SUMMARY

A comprehensive overview and discussion of all major aspects of environmental planning and management, professor Baldwin's textbook high lights the cause and interrelationship of environmental problems, emphasizing the important economic and ecological functions of the land as the stage for all human activities and the "source" and "sink" for all physical resources. A "Cradle to Grave" discussion of the flow of resources from acquisition through transformation, distribution and disposal- is a key feature of the book. Professor Baldwin proceeds from a review of the overall problems, principles and practices of environmental planning and management to address the planning and management of water quality and quantity, air quality, toxic and solid wastes, and energy; the economic cost of environmental controls; and procedures for environmental planning and management. This book is designed to serve as a basic text in environmental management, environmental planning, environmental policy, and resource management courses. It provides an important conceptual bridge for use in urban and regional planning, land use planning, and urban design courses as well.

Bandopadhyay, A.K.

Coastal Soils and their Management

Rs. 695.00

(Pub.1997) pp. 179

(ISBN: 81-7089-220-1)

CONTENTS

Soils; Coastal geomorphology; Classification of Indian shoreline; Causes of salinity; Climate; Coastal soils- global; Characteristics of coastal salt affected soils of India; Soil characteristics; Management of coastal saline soils; Management of coastal acid sulphate soils; Sandy soils; Peat soils; Mangrove soils; Water resources; Alternate uses.



(ISBN 81-7089-060-8)

Balfour, Edward.

THE CYCLOPAEDIA OF INDIA: and of Eastern and Southern Asia, Commercial Industrial and Scientific : Products of the Mineral, Vegetable and Animal Kingdoms, Useful Arts and Manufactures. (Vols. 1-5)

Set. Rs. 20,000.00

(Pub. 1871-83)

2nd Ed.,Rep. (1985-86)

CONTENTS

Vol.1 (A-C) pp. 1157;
Vol.2 (D-I) pp. 1130;
Vol.3 (I-M) pp.1228;
Vol.4 (N-R) pp.931;
Vol.5 (S-Z) pp.1198



Bebarta, K.C.

**Teak: Ecology, Silviculture,
Management & Profitability**

Rs. 1650.00

(Pub. 2006)

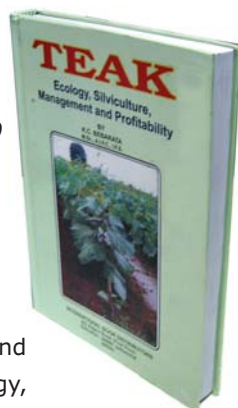
pp. viii+382

(ISBN : 81-7089-262-7)

SUMMARY

This book provides the facts and figures on subjects like ecology,

Silviculture, productivity, utilization, management of teak forest extensively. It deals with all aspects of teak relating to the field ecology, site suitability, Plant growth, nutrient dynamics, methods of irrigation, timber gradation, thinning practices, and identification of compatible area for teak growing, profitability in teak plantation project, teak plantation project management. The current knowledge on various aspects of teak management practices has been added to make the book immensely useful to all who are involved in teak projects, either in the field of scientific research or in the field of forestry practices or in the field of investment on plantation.



Beddome, R. H.

**The Flora Sylvatica for
Southern India, 3 Vols.**

Containing Quarto plate of all the Principal timber trees in Southern India and Ceylon, accompanied by a Botanist manual, with descriptions of every known tree and shrub, and analysis of every genus not figured in the plates.

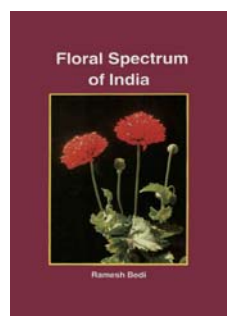
Set. Rs. 7500.00

(Pub. 1869-74)

Rep. 1978. pp 800 text with Figs, Plates.

CONTENTS

These three volumes describe the trees throughout India. The Following are the main headings under which the history of each tree is treated: 1. Geographical distribution, influence of soil, aspect, elevation, associates (other trees, and bamboos, etc). its worth as an avenue tree, or as a tree, for ornament or shade. 2. Mood of growth, size age. 3. Rate of growth. 4. Bark. 5. Time of flowering, ripening and shedding seed. 6. Germination. 7. Reproduction from seed. 8. Reproduction from shoots. 9. Diseases, insects and other enemies, death. 10. The wood and full particulars of its character and use. 11. All the use of the tree and its different parts and descriptions will make the identification of each tree an easy matter.



Bedi, R.

Floral Spectrum of India

Rs. 480.00

(Pub. 2000)

Pp.136

(ISBN: 81-86738-07-x)

Beddome, R.H.

**Supplement to the Ferns of
Southern India and British
India**

Rs. 325.00

Rep. 1997.

pp.28. & 45 Figs.

(ISBN: 81-7089-238-4)

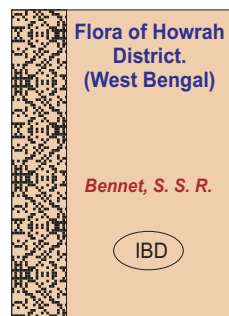
A Revised List of all the Ferns found in India, Ceylone, Burma, and Malay Peninsula, with Reference to the Plates in the "Ferns of Southern India" and "The Ferns of British India," and Descriptions of Some New Species.

**Supplement to the Ferns
of
Southern India & British India**



Beddome, R.H.

SUMMARY



**Flora of Howrah
District.
(West Bengal)**

Bennet, S. S. R.

IBD

CONTENTS

Bennet, S.S.R.

**Flora of Howrah District
(West Bengal)**

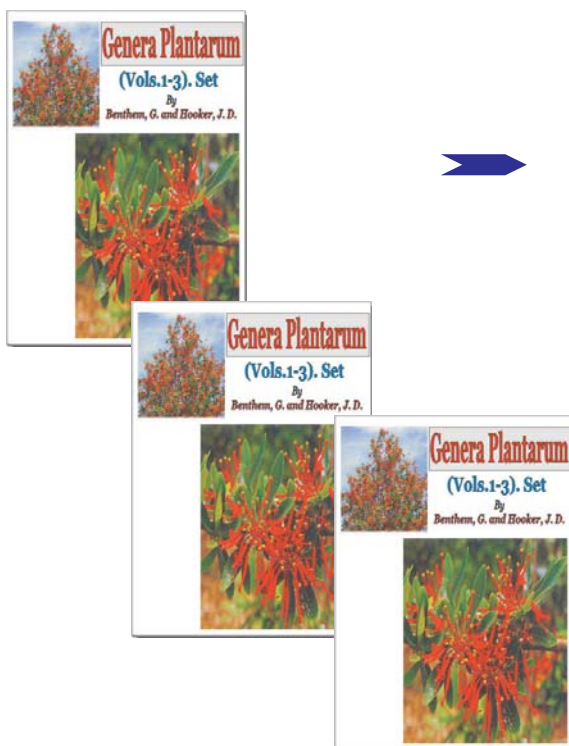
Rs. 1950.00

(Pub. 2008)

pp.xiii+76

(ISBN: 81-7089-331-3)

The booklet contains four chapters, (i) Introduction (ii) Ranks of taxa, forms of scientific names, Citation of authors name and of literature, abbreviations, and the six principles of the code. (iii) Nomenclatural terminology. (iv) Nomenclatural exercises. For a beginner it is essential to know the terminology commonly used in nomenclature to understand the nomenclatural discussions. Therefore in the third chapter the essential terminology is given with explanation and examples. In the fourth chapter how the name changes takes place due to better knowledge of the taxonomic groups concerned and how the nomenclatural rules are applied in selecting the correct names are shown with Indian examples.



Bentham, G. & Hooker, J.D.
Genera Plantarum Vols 1-3

Set. Rs. 9000.00

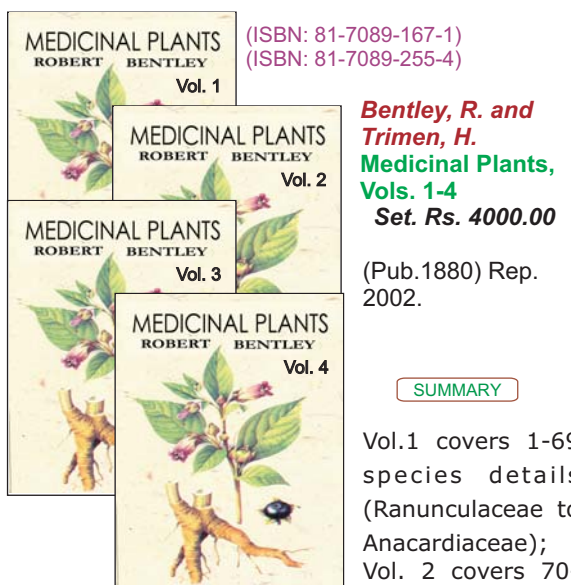
(Pub. 1862-1883)

Rep. 1979;

Vol. 1 pp. xv-1040; Vol.2 pp. ix-1279; Vol.3 pp. Xii-1258

(ISBN 81-7098-010-1)

This book is in three volumes. Deals with comprehensive descriptions of natural system of classification of phanerogames-dicotyledons are discussed then Gymnosperms finally monocotyledons. All divided into subclasses and orders. These are altogether 202 orders of angiosperms and started from the Ranunculaceae to Gramineae.



(ISBN: 81-7089-167-1)
 (ISBN: 81-7089-255-4)

Bentley, R. and Trimmen, H.
Medicinal Plants, Vols. 1-4

Set. Rs. 4000.00

(Pub.1880) Rep. 2002.

SUMMARY

Vol.1 covers 1-69 species details (Ranunculaceae to Anacardiaceae); Vol. 2 covers 70-146 species details

(Leguminaceae to Valerianaceae); Vol. 3 covers 147-227 species details (Compositae to Thymelaceae); Vol. 4 covers 228-306 species details (Atrocarpaceae to Algae).



Berkes, F.
Common Property Resources: Ecology and Community Based Sustainable Development

Rs.1500.00

(Pub.1989)

Rep.2008. pp. x+302

(ISBN: 81-7089-140-X)

CONTENTS

Introduction and overview; Part1: Perspectives on the common debate; Part 2: Critique of conventional resource management science; Part 3 Single - resource case studies; Part 4, Multiple resource cases and integrated development.

Berlyn, G. P. & Miksche, J.R.P.
Botanical Microtechnique & Cytochemistry

Rs. 1500.00

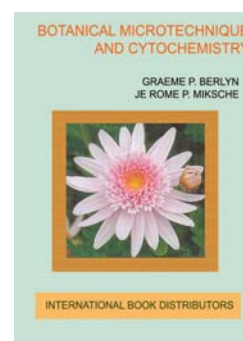
(Pub.1976)

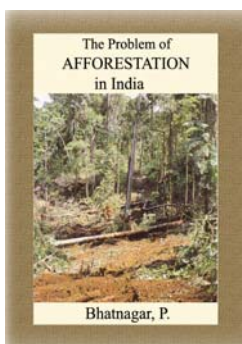
Rep. 1997. Pp. Viii-326

(ISBN: 81-7089-243-0)

CONTENTS

1. Microscope construction, Use, and care; 2. Collecting and Subdividing plants materials 3. Fixation and storage 4. Processing and embedding 5. Microtomy 6. Staining Paraffin and plastic sections 7. Preparation of whole mounts and macerations 8. Principles of optics and microscopy 9 Types of microscopy 10. Photomicrography; 11. Cytochemistry





Bhatnagar, P.
The Problem of Afforestation in India
Rs. 650.00
 (Pub.1991) pp. viii-170.
 (ISBN: 81-7089-156-6)

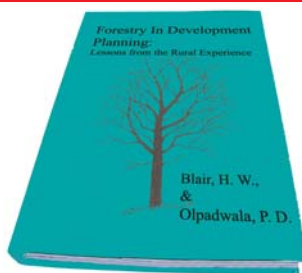
CONTENTS

Chapter 1 The environmental scenario; Chapter 2 Macro issues: pressure on forest; Chapter 3 Afforestation and ecological balance; Chapter 4 Afforestation of wastelands; Chapter 5 Forestry and rural development; Chapter 6 Peoples participation in afforestation; Chapter 7 Social forestry; Chapter 8 Forests and climate: impact of deforestation and implication in the long period.

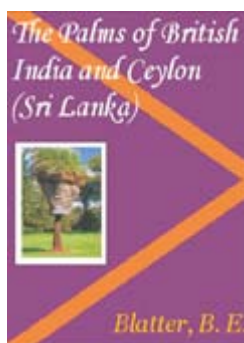
Blair, H.W. and Olpadwala, P.D.
Forestry in Development Planning: Lessons From the Rural Experience
Rs. 1250.00
 Rep.1988. Pp. 217.

CONTENTS

Part.1 Introduction; Part.2 Constraints to development: limits to change; Part 3 Tackling the constraints: development initiatives; Part 4 Fitting forestry and rural development together.



(ISBN: 81-7089-096-9)



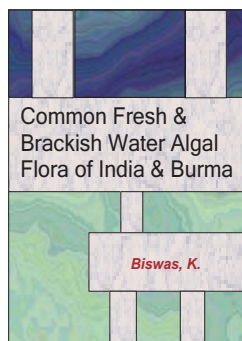
SUMMARY

and Ceylon. Author has described about hundred species at being indigenous to British India and Ceylon: Certainly a small number all of them are comparatively unobtrusive. Bibliographical notes are also given.

Blatter, B. E.
The Palms of British India and Ceylon (Sri Lanka)
Rs. 2950.00
 (Pub. 1926)

Rep.1994. pp. Xxviii-600, plates, CVI, Maps-2, Figs.-49.

This book deals with comprehensive studies of palms with distributions and indentifications, habits, uses cultivations in India



Biswas, K.
Common Fresh & Brackish Water Algal Flora of India & Burma.
Rs. 450.00

Rep.1980
 pp.115 and 10 plates

CONTENTS

1 Preface 2. A very brief early history of algological research 3. Review of algological studies in India 4. Association of algae with animals and economic importance of algological researches in India 5. Notes on the periodicity and bionomics of algae, an outline of the general classification of algae 7. List of literature on Indian algae 8. Glossary 9. Systematic enumeration of the most common species of fresh and Brackish water algae.

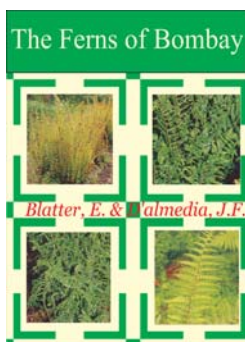
Blatter, E. and Walli, H.J.
Beautiful Flowers of Kashmir, Vols. 1-2
Set. Rs. 1500.00

(Pub.1927-30)
 Rep. 1984. Pp. 402,
 text with plates
 (ISBN:81-7089-011-X)



SUMMARY

The best and most comprehensive book on beautiful flowers of the region published in two volumes, it consists a glossary of technical terms, description, botanical and popular names, distribution, flowering times, index and 95 plates with 250 figures of the wild plants which were beautifully illustrated by Mrs. G.A Wathen and Halar Jeo Walli. This book is very useful for the students, teachers, botanists, tourists and mountaineers who are interested in attractive flora of the beautiful Kashmir Himalaya.



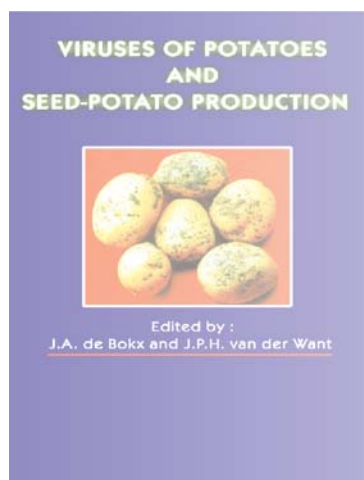
Blatter, E. & D'almedia, J.F.
The Ferns of Bombay

Rs. 495.00

(Pub.1922)
Rep. 1978. pp. viii+122,
plates.

SUMMARY

This book deals with comprehensive study of ferns which occur in wild and cultivated conditions with their life history, distribution, habitats of ferns, structure and physiology, of the area of Bombay, Presidency.



Bokx, J. A. De. & Vander Want, J.P.H.
Viruses of Potatoes and Seed-Potato production

Rs. 1500.00

(Pub. 1987)

Rep.1992 pp. 259.

(ISBN: 81-7089-146-9)

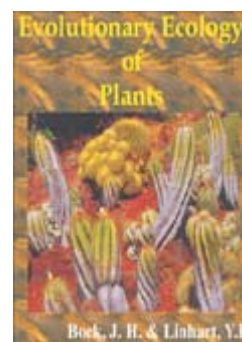
CONTENTS

1. Plant virology and potato virus Part I Characterization and identification of potato viruses and viroids; 2. Purification; 3. Physical and chemical properties; 4. Serology; 5. Biological properties Part.2 Virus, Viroids, mycoplasmas and diseases with a virus like aetiology; 6. Survey of properties and symptoms Part 3 Viruses and potatoes; 7 Virus translocation and mature plant resistance in potato plants; 8. Spread of viruses in potato crops; 9. Yield reduction in relation to virus infection; 10. Therapy of individual plants; 11. Breeding of resistance; 12. Control of virus spread Part. 4 Production of seed potatoes; 13. Growing seed potatoes; 14. Inspection and grading.

Bock, J. H. and Linhart, Y.B.
Evolutionary Ecology of Plants

Rs. 2500.00

(Pub. 1989)
Rep.1990.
pp.xiii-600, with illus, map
(ISBN: 81-7089-131-0)



SUMMARY

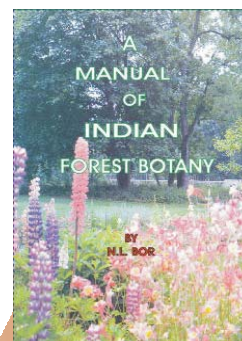
Traditionally, plant ecology has focused on the description of plant communities, on nutrient dynamics within these communities, and on environmental factors affecting the ecology of individuals. In recent years, the need for a more sophisticated look at the interactions within and between species and populations has emerged along with renewed appreciation for the importance of genetic and evolutionary plant ecology. The papers, representing current major research areas, cover plant life histories, evolutionary dynamics, plant breeding systems, evolution and organisation of communities, plant animal interactions, and the interfaces between plants, agriculture and conservation.

Bor, N. L.
A Manual of Indian Forest Botany.

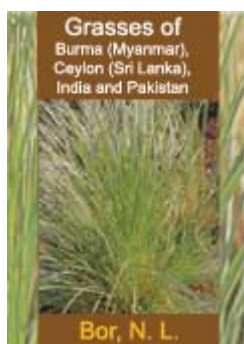
Rs. 1500.00(TB)

Rep. 2007,
pp. xvi+ 441, plates 31
(ISBN 81-7089-273-2)

SUMMARY



This book deals with systematic nomenclature of plants found in India, with distribution. This book also deals with the characters of bark and leaf, uses to which the wood can be put, colour of latex, if any, and other interesting details are mentioned in their trees and shrubs during their period of study, they will maintain that interest throughout their prostudy, their professional lives. This book is most useful for forestry students.



Bor, N. L.
Grasses of Burma (Myanmar), Ceylon (Sri Lanka), India and Pakistan (Excluding Bambuseae)

Rs. 2950.00

(Pub.1960)
 Rep.1979. Pp. xviii+767

CONTENTS

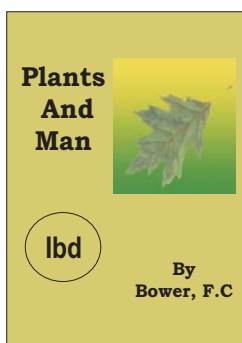
General part- Chapter1 a) The vegetative shoot b) The reproductive shoot c) The flower; Chapter II the dispersal of grass fruits and seeds; Chapter- III Uses of grass; Chapter IV Obnoxious grasses Systematic part- Group I Panicoideae; Group II Poodeae.

Bower, F. C.
Plants and Man:
A series of essays relating to the botany of ordinary life

Rs. 950.00

(Pub. 1925) Rep.1980.
 Pp. xii-365, figs. 148.

I) A general outlook II) The green leaf III) The plant as a whole IV) The unlimited scheme of the plant body V) The fixed position of the plant body VI) The seasons VII)Meadow and pasture VIII) Woodland IX) Moor and mountain X) The seashore XI) Golf links and playing fields XII) The flower garden XIII)The kitchen garden XIV) Dessert fruits XV) Cereal grains XVI) Vegetable foods XVII) Mechanical construction of Plants (A) The turgescient cell XVIII) Mechanical construction of plants (B) The columnar stem XIX) Mechanical construction of plants (C) The leaf and root XX) Timber XXI) Textiles and Twine XXII) Plant population and conjoint life XXIII) Parasitism in Flowering plants XXIV) Mycorrhiza XXV) The fungal habit XXVI) Fungal parasitism XXVII) Bacteria XXVIII) Scavenging and sanitation XXIX) Man's dependence on vegetation XXX) Man's influence on vegetation.



CONTENTS

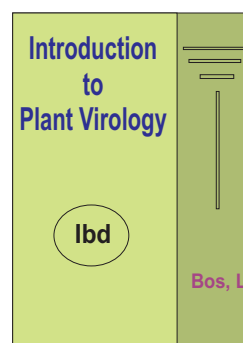
Bos, L.
Introduction to Plant Virology

Rs. 550.00

(Pub.1983)
 Rep.1992, pp. 160
 (ISBN: 81-7089-185-X)

CONTENTS

Introduction; From virus discovery to virology; Virus as disease incitants; Viruses as contagious agents; Viruses as physico-chemical particles; Serology and electron microscopy; Viruses as packages of genetic information; Order out of chaos; Ecology of viruses; Human interference with viruses.

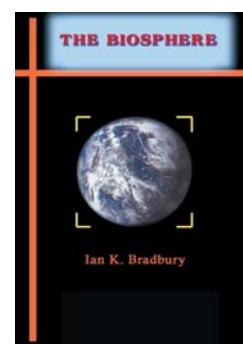


Bradbury, I. K.
The Biosphere

Rs. 750.00

(ISBN: 81-7089-154-X)
 Rep.1991. Pp.213

A basic textbook introducing the principles underlying structure and function in the biosphere and outlining its historical development through geological time. This book has been designed particularly for students with little formal biological training who are engaged in degree level work n geography and other environmentally-centred subjects. High priority has been given to making the various topics discussed accessible and comprehensible to the non-specialist. The reader is introduced to investigational techniques and given an insight into the most recent ideas. Major environmental problems and human impacts on the biosphere are considered in the context of relevant natural processes.



SUMMARY

Brandis, D.

INDIAN TREES: An Account of Trees, Shrubs, Woody Climbers, Bamboos and Palms Indigenous or Commonly Cultivated in the BRITISH INDIAN EMPIRE

(Pub.1921) Rep. 1990.
 pp. xxxii-767, illus. 201.

Along with the Introductory portion the book presents the description on the Synopsis of natural orders of the Indian trees.



Rs. 1750.00

(ISBN 81-7089-024-1)

Brasnett, N. V.
Planned Management of Forests

Rs. 950.00 (TB)

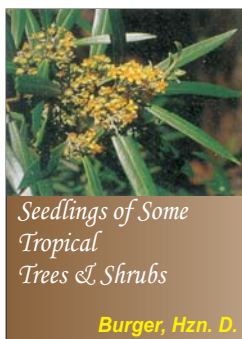
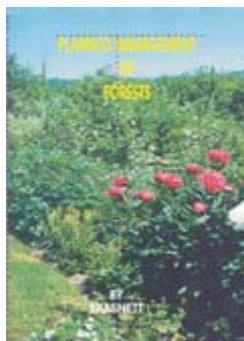
(Pub. 1953)

Rep. 1985. pp. 238.

(ISBN: 81-7089-024-1)

CONTENTS

Part I of the book deals with growth and organisation Part II with planning and part III with development of Forest Management on the continent. It explains the basic principles and concepts, and their application in planned management, in simple and lucid manner. Graphical illustration and numerical examples facilitate grasp of the methods and formulae. Students of forestry will find it very useful reference material for both Indian European foresters.



Burger, Hzn. D.
Seedlings of Some Tropical Trees and Shrubs Mainly of South-East Asia

Rs. 2950.00

(Pub. 1972)

Rep. 1989. pp. 399.

(ISBN: 81-7089-154-X)

CONTENTS

I Glossary; II Outline; III Pronunciation of the Indonesian names; IV sign, abbreviations and abbreviated geographic names; V Literature cited; VI List of species treated and figures; VII Description and keys.

Butler, E. J.
Fungi & Disease in Plants

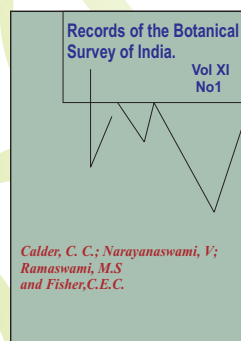
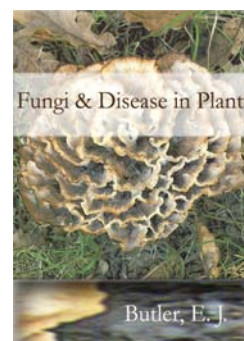
Rs. 1500.00 (TB)

Rep. 1986.

pp. iv+547

SUMMARY

This book is the first treatise on diseases of plants in the then British India, which now includes India, Pakistan and Bangla Desh. A general account of fungi is followed by descriptions of nearly 200 important diseases of filed and plantation crops for each disease, an illustrated account is given of the distribution, damage, symptoms, casual organisms and control measures.



Calder, C. C.;
Narayanaswami, V;
Ramaswami, M.S and
Fisher, C.E.C.

Records of the Botanical Survey of India.
Vol XI- No1

Rs. 2500.00

(Pub. 1926),

Rep. 1978. pp. 225.

SUMMARY

1. List of species and Genera of Indian Phanerogams not included in Sir J.D Hooker's Flora of British India. 1906-1924.
2. Loranthaceae of Southern India and their host plant.

Buringh, P.
Introduction to Study of Soil in Tropical and Sub-tropical Regions

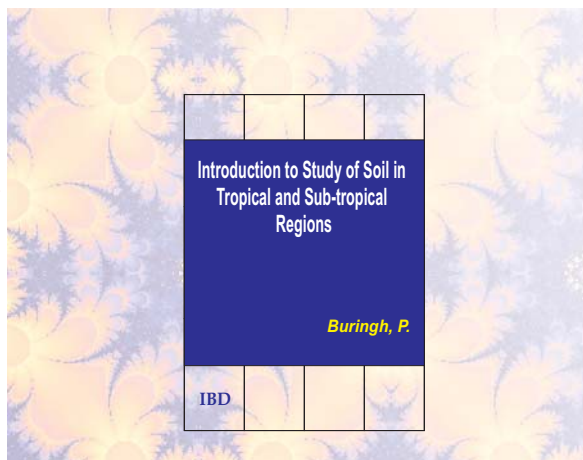
Rs. 495.00 (TB)

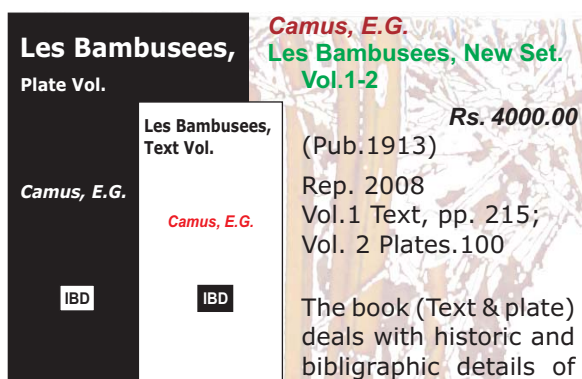
(Pub. 1979) Rep. 1992, pp. 124.

(ISBN: 81-7089-186-8)

CONTENTS

1 Land use 2. Soil science 3. The major soils of the world 4. Soil formation 5. Soil conditions 6. The US soil taxonomy 7. Agricultural productivity of soils 8. Soil erosion: destruction of land 9. Soil improvement 10. Land evaluation 11. Soil Investigations in the tropics.





Camus, E.G.
Les Bambusees, New Set.
Vol.1-2

Rs. 4000.00

(Pub.1913)
 Rep. 2008
 Vol.1 Text, pp. 215;
 Vol. 2 Plates.100

Camus, E.G.

IBD

IBD

SUMMARY

The book (Text & plate) deals with historic and bibliographic details of bamboos which are found all over the world in different geographical and different environmental conditions in natural occurring forms. Author has also tried to embody in this work all the information available regarding the botanical names with genera and species. He has also made an attempt for uses of bamboos in different ways. The Platebound volume covers all types of bamboos which are found in natural form in photographs with their identifications.

Chadha, S. K.
Environmental Crisis in India

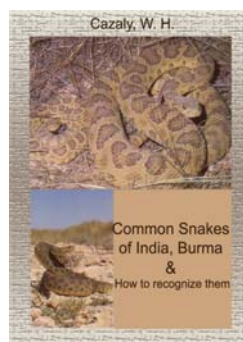
Rs. 495.00

(Pub. 1992.) pp. 154.

(ISBN: 81-7089-179-5)

CONTENTS

Conserving the fragile Himalayas; 2. Health hazards from environmental chemicals; 3. Ecological impact of oil spill during the gulf war 4. Conserving the forest 5. Overpopulation. An environmental concern 6. The role of woman in maintaining environment 7. Environmental significance of ozone layer 8. Rhinoceros- A symbol of strength 9. Conservation of Himalayan wildlife 10. Population resources and environment 11. Morphology, Genesis and taxonomy of some soil in Toposequence under conifer in Central Himalayas 12. An environmental concern of Chilka lake in Orissa 13. Save the great Indian Bustard 14. Unintended victims of the Gulf War 15. Conserving the life- A case history of Amphibians and reptiles 16. Differential acculturation due to environmental and economic factors : A study of the Himalayan communities 17. Being the wild to wildlife 18. An environmental threat of a crowded world.



Cazaly, W. H.
Common Snakes of India,
Burma and how to
recognize them

Rs. 350.00

(ISBN: 81-7089-016-0)

(Pub. 1974) Rep. 1984.
 pp xxviii-60.

Chahal, S.S. Prashar, H.S. &
Arya, S.
Achievements and
Prospects Mycology &
Plant Pathology

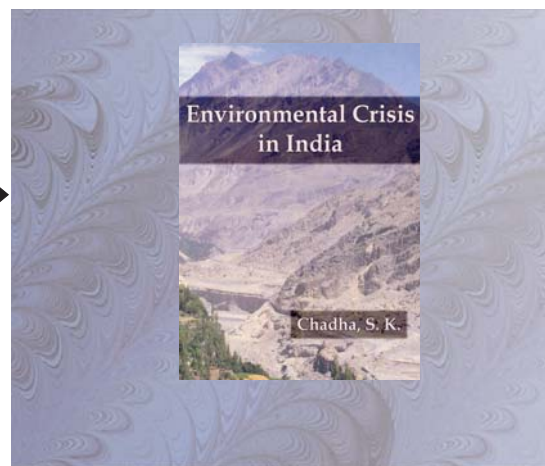
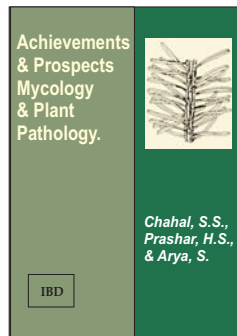
Rs. 1350.00

(Pub. 1997) pp. 173

(ISBN: 81-7089-249-X)

SUMMARY

This book contains seventeen original research papers/ reviews by eminent scientists of the country covering different aspects of mycology and plant pathology depicting the achievements, but also pointing out the areas where knowledge is not complete thus giving an idea of the future prospects. The articles were invited on the occasion of the XVII All India Botanical Conference held in Bombay Department Punjab University.



Chandra, S.
The Ferns of India:
Enumeration,
Synonyms & Distributions

Rs. 2100.00

(Pub. 2008)
 pp. xii+459.

(ISBN: 81-7089-291-0)

System of Classification:

Ophioglossaceae:

Angiopteridaceae;

Marattiaceae:

Kaulfussiaceae:

Osmundaceae: Plagiogyriaceae: Schizaeaceae:

Anemiaceae: Parkeeriaceae: Lygodiaceae:

Pteridaceae: Chelanthaceae: Adiantaceae:

Vittariaceae: Cyatheaceae: Cibotioideae:

Cyatheoideae: Dennstaedtiaceae: Hypolepidaceae:

Lindsaeaceae: Dryopteridaceae: Onocleaceae:

Athyrioideae: Hymenophyllaceae: Gleicheniaceae:

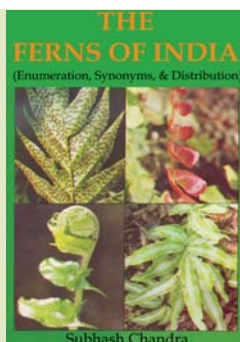
Dipteridaceae: Loxogrammeaceae: Polypodiaceae:

Platynerioideae: Pleopeltidoideae: Polypodiaceae:

Microsorioideae: Crypsinoideae: Marsileaceae:

Salvinaceae: Azollaceae: Appendix-I: Appendix-II:

Addenda: References: Index to Genera & Species.



CONTENTS

Chaudhari, A. B. And
Naithani, H.B.
Environmental and
Resources of Tropical &
Temperate Forests of India

Rs. 1100.00

(Pub. 1985.) pp. viii+299.

(ISBN: 81-7089-025-X)

Part I- Tropical Mangrove Forests of Sunderbans and Andamans, Part II- A comprehensive survey of Epiphytes, Part III- Tropical and Temperate Linas, Climbers and Shrubby climbers, Part IV- Eco-botanical survey of Tropical and Temperate Grasses and sedges, Part V- Eco-botanical survey of Tropical and Temperate Monocotyledons (Except Orchids, Grasses and Seeds)



Environmental
& Resources
of Tropical &
Temperate
Forests of
India

Chaudhari, A. B.
& Naithani, H.B.

CONTENTS

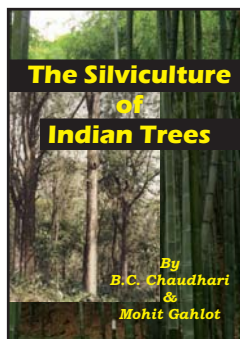
Chaudhari, D. C. & Gahlot, M.
The Silviculture of Indian
Trees (T.B)

Rs. 450.00

(Pub. 2011.)

pp. ii-193.

(ISBN:817089-372-0)



The Silviculture
of
Indian Trees

By
B.C. Chaudhari
&
Mohit Gahlot

Chauhan Vikram - MD
Ayurveda

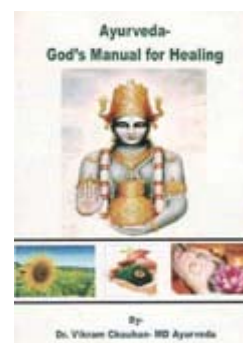
Ayurveda- God's Manual for
Healing

Rs. 495.00

pub-2009, pp.122+iv

(ISBN: 81-7089-363-1)

This book is meant for people interested to know about basics of Ayurvedi healing. It is useful for Ayurveda students as well as general public. Ayurveda is age old healing system of India and recognized by WHO. There are many miraculous cures explained in Ayurveda. Ayurveda uses herbs, minerals, metals, massages of various types, internal cleansing, yoga, breathing techniques. Laws of Ayurvedic healing are eternal as they are based on laws of nature. Ayurveda lays more emphasis on providing inner strength to the healing forces of the body. It is a manual of instructions given by God himself about how to live a long, health and happy life.



SUMMARY

(ISBN:81-7089-203-1)



Rs. 950.00(TB)

Chaturvedi, A. N., & Khanna, L. S.
Forest Mensuration

(Pub. 1982)

pp. xii-406

SUMMARY

This book is divided into two parts. The first part deals with measurement of individual trees and second part with the measurement of forest crops and forest inventories. The book describes instruments and techniques which have been in use in this country for several decades on the one hand and sophisticated instruments, modern statistical techniques and methods of preparing forest inventories. Some chapters on point sampling, remote sensing and aerial photography and electronic data processing have been included in this book.

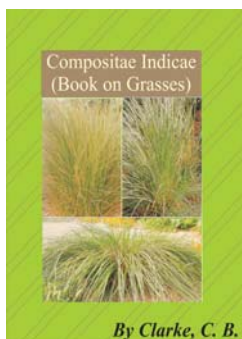
Clarke, C. B.
Compositae Indicae (Book on Grasses)

Rs. 1500.00

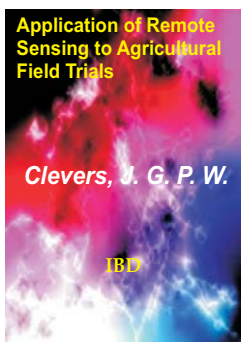
(Pub. 1876) Rep. 1976.
 pp. xxix+346, with index

[SUMMARY](#)

The Most authentic and well illustrated work on the ferns of Northern India, covering the whole of erstwhile India minus the Peninsula and ceylon. Contains an accurate account of 379 species. The 36 plates are supplements of Col. Beddome's book on Indian ferns.



By Clarke, C. B.



Clevers, J. G. P. W.
Application of Remote Sensing to Agricultural Field Trials

Rs. 850.00

(Pub. 1986)
 Rep. 1992. pp. 227

(ISBN: 81-7089-122-1)

[CONTENTS](#)

Introduction; Evaluation of remote sensing systems; Description of multi-spectral aerial photography; Remote sensing of vegetation; Simplified reflectance model for vegetation; Data gathering and analysis; Results; Final remarks and recommendations.

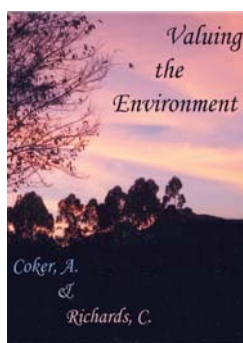
Coker, A. And Richards, C.
Valuing the Environment

Rs. 695.00

(Pub.1992)
 Rep. 1992.pp. xiii+183
 (ISBN: 81-7089-180-9)

[SUMMARY](#)

This book is the proceeding of workshop held at Ludgrove Hall, Middlesex Polytechnic's flood Hazard Research Centre in May 1990. The proceeding consists several papers by economists and Ecologists working in the field of coastal management. The papers draw attention to the present situation as regards environmental evaluation and site assessment; and to the direction of future research.



Cowan, A. M. and Cowan, J.M.
The Trees of Northern Bengal: Including shrubs, woody climbers Bamboos, Palms and Tree Ferns

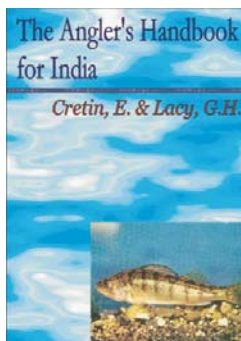
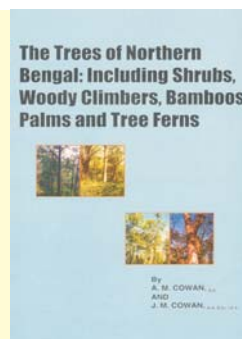
Rs. 750.00(TB)

(Pub. 1929)

Rep. 2006. pp.178
 (ISBN: 81-7089-188-4)

[CONTENTS](#)

This book deals with comprehensive studies of trees, including shrubs, woody climbers, bamboos, palms and tree ferns... their occurrence, Identifications, common names and their climatic conditions for growing in different geographic environmental circumstances. The area covered by this volume-comprises the Darjelling, Kurseong, Kalimpong, Jalpaiguri and Buxa forest divisions, or the political districts of Darjelling and Jalpaiguri. It includes most of the trees, shrubs and climbers of Sikkim, except those at levels above 11,000 feet and in fact a great part of the area is usually known as Sikkim by botanists.



Cretin, E. and Lacy, G.H.
The Angler's Handbook for India

Rs. 950.00

(Pub. 1905)
 Rep. 1985.pp. x+332
 (ISBN: 81-7089-095-0)

[CONTENTS](#)

Part I- Chapter I) Fishing tackle, outfits, etc., necessary for the fisherman in India, to-gather with notes on the same, referring to fishing for the smaller Mahseer; Chapter II) Notes on the tackle and outfit required for heavy Mahseer fishing, where fish may be expected of a fairly large size; Chapter III) Miscellaneous information, notes, recipes, etc., regarding Mahseer fishing Generally; Chapter IV) Notes on fishing tackle, by major general C.S Lane; Chapter V) Tank fishing in the Punjab; Chapter VI) Notes and brief description of other kinds of fish, besides the Mahseer, commonly met within Northern India; Chapter VII Supplementary chapter. Part II- Notes and information regarding fishing localities in Kashmir, The Punjab, North-West & Central India, Bengal, Assam, Darjeeling, the Western Dooars and Burmah. Part III- List of commoner Freshwater fishes of India, from a sporting point of View.

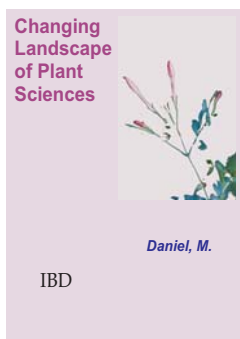
Daniel, M.
Changing Landscape of Plant Sciences

Rs. 1350.00

(Pub. 1997)
pp. 353
(ISBN: 81-7089-223-6)

CONTENTS

1. Chemotaxonomy in India- A tribute to Prof. S.D. Sabins; 2. Biodiversity and traditional taxonomy; 3. Future of floristics in India; 4. Desert floristics need for updating; 5. Species concepts-Quo vadis?; 6. Botanical nomenclature; 7. Chemical adaptation of angiosperms and their relevance in Taxonomy; 8. The Lilies- Floral morphology, Taxonomy and phylogeny; 9. Fruit anatomy in relation to taxonomy and phylogeny of palms; 10. Cytological conspectus of Indian Cyperaceae; 11. Taxonomy of bacterial plant pathogens; 12. Contemporary approach to palynological science; 13. Ethnobotany of Agastya hills in the Southern Western Ghats; 14. Underutilized food legumes of India with particular reference to Himalayas; 15. Endangered plants of the Himalayas and their conservation; 16. Active phytomonitoring of urban ecosystem of Bombay; 17. Water relations of Halophytes in Indian arid zone; 18. Experimental studies on the use of zinc tailing as inorganic fertilizers; 19. Biological effects of fusarial toxins.



Das, L.D.V.

Forage Crops

(Pub. 1998) pp. iii+315
(ISBN: 81-7089-170-1)

CONTENTS

Chapter I) Grass- Its form and physiological function; Chapter II) Assimilation of nitrogen and material transformation in plants; Chapter III) Improvement of forage crops by breeding for yield and quality; Chapter IV) Breeding strategies of Forage grasses; Chapter V) Cytogenetics and breeding of forage grasses; Chapter VI) Evolution of breeding methodology for improvement of forage crops; Chapter VII) Forage legumes; Chapter VIII) Botany of forage crops; Chapter IX) Exploration of heterosis through inter specific hybridisation in forage crops; Chapter X) Resume of research work on forage crops in Tamil Nadu; Chapter XI) Minor forage crops.



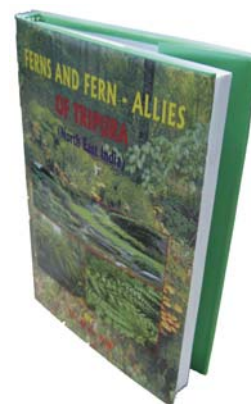
Das, N.C.
Ferns and fern - allies of Tripura, North-East India. (A Morpho-anatomical studies)

Rs. 1350.00

(Pub. 2007)
pp.350
(ISBN: 81-7089-334-8)

SUMMARY

The state of Tripura is one of the richest and interesting Botanical regions in North East India, which is floristically incompletely known. The present work is the outcome of comprehensive survey and study of Pteridophytic plants by the author for a period of 10 years. The area covered in the present flora is 10,491 sq .km, lying between 22-32 and 24-32 N and 91-10 and 92-21 E. The author have enumerated 76 species under 41 genera and 28 families according to Pichi Sermolli's system of classification. Correct description based on careful study of freshly collected plants, its currently accepted botanical name, synonyms, if any, brief ecological notes, and distribution are given for each species. Anatomical details of each species is a special attraction of this book, almost all the species have been illustrated. Artificial keys for identification of families, genera and species under each family are given. The introductory account includes all about the area of study, climate, soils, previous botanical exploration of the area, ecological observation etc of the ferns and fern-allies. On the whole this book serves as a guide to the identification of pteridophytic plants of the state of Tripura, North-east India.



S. Dasgupta, D. Debnath
**COMMUNITY FOREST
 MANAGEMENT IN TRIBAL
 STATES OF INDIA**
 (With Special reference to
 Madhya Pradesh)

Rs. 950.00

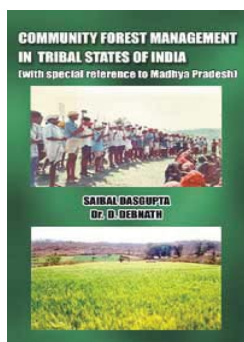
pp. 236

Pub. 2008

(ISBN No.: 81-7089-346-1)

SUMMARY

The 1990s decade brought about some revolutionary change in the community management and development as the people's participation becomes an important goal in managing natural resources efficiently, sustainably and equitably. The Government initiative in policy making and issuing resolutions were welcomed, which made an impetus for the participatory process by the State Forest Departments, Civil Society Organizations, Research institutions and so on. Madhya Pradesh is well-known state for its natural forests ('Tiger' state) and indigenous peoples ('Tribal' state). The State Forest Department followed the National Guidelines and commenced their activities in 1991 forming the village institution in Harda, which was later transformed in to Joint Forest Management (JFM) model. In this state largest number of JFM committees have been formed on the basis of forest canopy and resource degradation. In their holistic attempts the protected area management has been part and parcel of the JFM programme. There are number of novelties in their planning and implementation. These are micro-planning, participatory silvi-cultural options, respecting people's knowledge, man-power planning, revolving fund, equitable sharing, gender unification and so on. There were establishments of Eco-centres and Extension centres in number of places for awareness development, skill development for livelihoods, capacity building in managing the village organization, attitudinal changes of forest officials and villagers, dissemination of information for progress and development. The M.P. Forestry Project is another land-mark for boosting the efforts for achieving the common property resources situation. The whole process of JFM programme has been thoroughly discussed in sequences in this book by an academician and a forest administrator



Dash, M.C.
**Biology of Enchytraeidae
 (Oligochaeta)**

Rs. 575.00

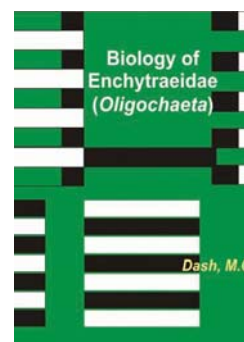
(Pub. 1983)

pp. vii+171

(ISBN: 81-7089-006-3)

SUMMARY

This book includes morphology, collection and extraction technique, taxonomy, biology, Physiology and ecology. The all important research paper are listed in the reference. This book will be of immense help to students and research workers in life science specialising particularly in soil biology and agricultural zoology and ecology.



Datta, S. K.
**Soil Conservation and Land
 Management**

Rs. 950.00(TB)

(Pub.2006)

pp. 330 with plates &
 maps

(ISBN : 81-7089-259-7)

SUMMARY

The book deals with soil conservation techniques and methods along with specialized techniques for management of lands affected with soil hazards.

The book explains the development in this field as well as the basic principles and concepts and their applications in watershed management in a simple, coherent and lucid manner. The methods and formulae have been simplified by adequate graphical illustrations, figures, sketches, and numerical examples. Students, trainees and practitioners, in the field of soil conservation and land management will find the book very useful as heretofore.

A comprehensive details account on how to make project report on watershed management has also been given in the appendix for the convenience of the students and trainees.



Deitz, F. J. & Heijman, W.J.M.

Environmental Policy in a Market Economy

Rs. 1250.00

(Pub. 1988)

Rep. 1992 pp. 205
(ISBN: 81-7089-145-0)

CONTENTS

1. Effects of environmental charges; 2. The impact of environmental policy on the

behaviour of target groups; 3. Regulation versus deregulation; 4. Possibilities for an international environmental policy.

Devaraj, P., Sugavanam V., & Durairaj, S.

Monograph on Silver oak, (Grevillea robusta)

Rs. 1100.00

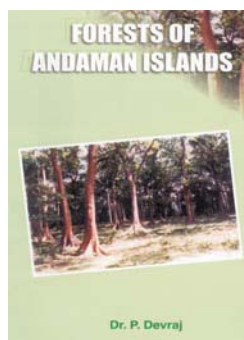
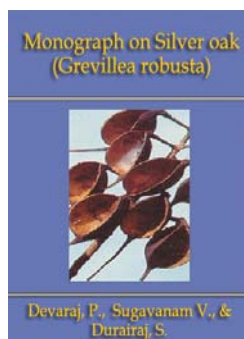
(Pub.1999)

Pp. 167

(ISBN : 81-7089-267-8)

SUMMARY

This book provides complete information and serve as a handy guide for foresters, researches in all aspects including morphology, life history, wood anatomy, nursery management, pest and disease control, bio-fertiliser applications, vegetative propagation, etc.



Devaraj, P.

Forests of Andaman Islands

Rs. 1950.00

(Pub.2001), pp. xiv+410

ISBN : 81-7089-277-5)

This book covers general introduction and distribution of rain forests of the world, History of Andamans, Introduction of forests of Andaman, its

management, Components of rain forests, Buttresses, Dipterocarps, Flora and Fauna, Timber harvesting and hauling using elephants, Sanctuaries and National Parks, Biosphere, Wetlands Management, Mangroves, corals and coastal zone management, And other topics of botanical importance.

SUMMARY



Dewar, D.

Birds of the Indian Hills

Rs. 950.00

Rep. 1987, pp. 264

CONTENTS

Part I) Birds of the Himalayas, Part II) The common birds of the Nilgiris, Part III) The common birds of the Palni hills.

Donnelly, D. J. & Vidaver, W.E.

Glossary of Plant Tissue Culture

Rs. 695.00

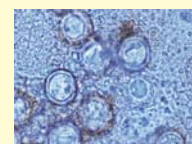
(Pub. 1988)

Rep. 1989. pp. 141

(ISBN: 81-7089-119-1)

SUMMARY

Glossary of Plant Tissue Culture



IBD

Donnelly, D. J. & Vidaver, W.E.

This glossary has been prepared to serve as a comprehensive guide for interpreting the current literature pertaining to plant cell and tissue culture. It is intended to supplement rather than supercede prior technical publications such as plant propagation by tissue culture (George and Sherrington, 1984) or handbook of plant cell culture [Evans et.al.,1993] and to complement to rather than replace the glossary in in vitro 20: 19-24 (Tissue culture association terminology committee,1984). The terms included in the glossary have been selected by examinations of text books, Journals and glossaries dealing entirely or in part with plant tissue culture or related fields. References consulted during preparation of the manuscript are listed under "Sources" on pp 139-141. Each entry is listed alphabetically, in bold faced type, at the point in the text where it is defined. The more common derivatives of a term are also given in bold faced type. Multi-sense entries are separated by numbers(1,2 etc.). Some common English terms which have particular meanings in plant tissue culture, such as "sterilize" are defined in the text. Commonly used chemicals are listed alphabetically by their chemical names followed by their abbreviation, chemical formulae and atomic and molecular weights.



Durand, T. H.
Index Generum
Phanerogamorum
Rs. 3500.00

(Pub. 1888)
 Rep. 1979. Pp. Xxii+722

SUMMARY

This book is complete Index of volume of flowering plants of world kingdom which is being described and identified by Bentham and Hooker in their genera plantarum, with many

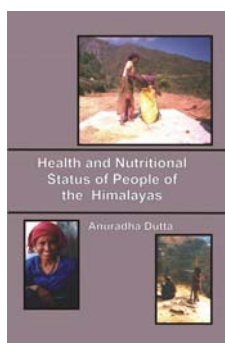
synonyms of species found in different geographical conditions and areas.

Dutta, A.
Health and Nutritional Status
of People of the Himalayas

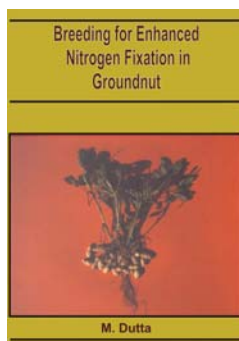
Rs. 695.00

(Pub.2009) pp. xii + 191.
 (ISBN: 81-7089-340-2)

The book "Health and Nutritional Status of People of the Himalayas" is the result of over two decades of research and extension work carried out by the author in the Himalayan region. The book attempts to present the entire scenario that has impacted the health and nutritional status of the Himalayan people through the centuries. The book has been divided into two sections: the first section deals with the socio-economic profile of the Himalayan population, that contains chapters on overview of the Himalayas, socio cultural status of the people, their economic profile as well as status of food security and self-employment avenues in the Himalayas. The second section covers the thematic aspect of the book i.e. health and nutrition profile of the Himalayan population. In this section the reader will find in-depth information on the status of disease and health care in the Himalayas, dietary habits of the people, their overall nutritional status, with focus on health and nutritional status of women and children of the Himalayas.



SUMMARY



Dutta, M.
Breeding for Enhanced
Nitrogen Fixation in
Groundnut

Rs. 750.00

(Pub.2009) pp. x- 132.
 (ISBN: 81-7089-356-9)

Symbiotic nitrogen fixation has special significance from the point of view of sustainable agriculture, as it contributes towards a pollution free environment, which is the crying

need of the hour due to the threat of impending climate change. Efforts on breeding for improved nitrogen fixation in grain legumes is an extremely rare subject. This book on 'Breeding for Enhanced Nitrogen Fixation in Groundnut' fulfills the long felt need in this important but hitherto neglected area. The book is a pioneering study on this rare subject and brings out strategic findings derived from authentic field studies conducted over several years in an international research institute. The book will not only be catering to the needs of researchers and policy makers but students of nitrogen fixation as well.

Dutta, M. & Saini, G.C.
Forest Tree Improvement
And Seed Technology

Rs. 1500.00

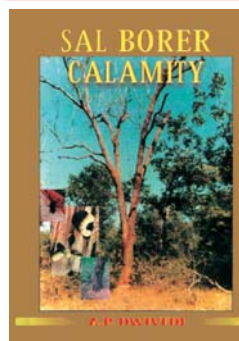
(Pub.2009)
 pp. xiii+302.

(ISBN: 81-7089-355-0)



SUMMARY

Forest Tree Improvement and seed Technology are relatively neglected subjects as compared to forest management in general. Importance of forest improvement and seed technology has become important in recent years as forests have a significant role in maintaining climatic balance and conservation of biodiversity. The impending climate change may have a catastrophic effect on the ecological health of planet earth and may imperil the survival of life itself. This book is a modest effort in bringing out fundamental scientific information on forest tree improvement and forest seed science and technology in one compilation and therefore may prove useful to the researchers and students of forestry.

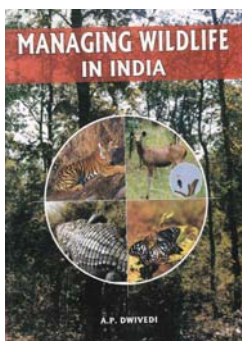


Dwivedi, A.P.
Sal Borer Calamity
Rs. 750.00

(Pub.2005)
 pp. iii + 233.

Sal Forest; History of Sal borer epidemic in India; History of Sal borer epidemic in Madhya Pradesh; Present Epidemic of Sal heartwood borer; Life cycle of Sal heartwood borer; Nature of damage; Control measures; Sal heartwood borer attack in public and press; interventions; Progress in control measures; Management systems and Sal borer problem; Compartment-wise details of affected trees in Bilaspur district; Compartment-wise details of affected trees in Kawardha district; Compartment-wise details of affected trees in Shahdol district; Compartment-wise details of affected trees in Mandla district; Sal heartwood borer infestation in Kanha Tiger Reserve (Core Zone); Sal heartwood borer infestation in Kanha Tiger Reserve (Buffer Zone); Sal heartwood borer infestation in Kanha Tiger Reserve (Phen Sanctuary).

CONTENTS



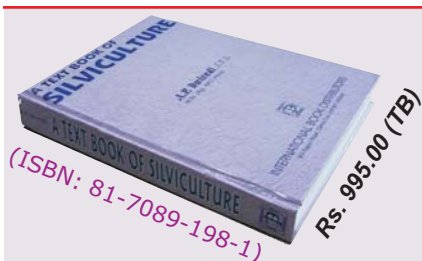
Dwivedi, A.P.
Managing Wildlife In India
 Rs. 595.00

(Pub.2009)
 pp. xiii+473.

Forest and Wildlife through Ages; Biogeographic regions and Distribution of Wildlife; Biodiversity and Wild animals; Corals, Sponges and Cucumbers; Insects and other Arthropods; Molluscs;

SUMMARY

Fishes and Amphibia; Reptiles; Birds; Mammals; Animal Signs; Animal Behaviour; Protected Areas; Biodiversity Conservation, Biosphere Reserves; Tiger Conservation, Tiger Reserves; Elephant Conservation, Elephant Reserves; Other Conservation Efforts; Zoos Captive Conservation; Ramsar Sites- Wetland Conservation; Management Planning for Wildlife; Protection; Habitat Management; Ecocodevelopment; Relocation of Villages; Management of wild animals in wild; Wildlife Offences; Man-Animal Conflict; Tourism, Trade in wildlife and wildlife parts; Monitoring of wildlife Population; Management of Wildlife Out side PAs; References; Index



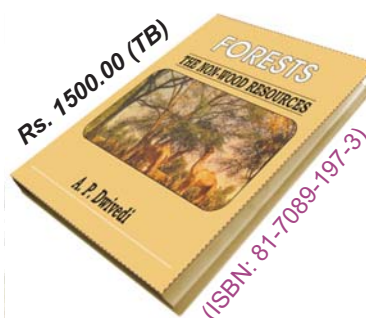
Dwivedi, A. P.

A Textbook of Silviculture

(Pub. 2006), pp. xv+505

CONTENTS

Preface; Vegetation; Forest, Forestry and Silviculture; Environment of Forests; Climatic Factors; Geology and soil; Physiographic Factors; Biotic Factors; Interaction of site Factors; Influences of Forests on their Environment; From and life of trees and crops; Growth of trees and crops; Crop Morphology; Hardiness and Tolerance; Plant Succession; Forest composition and Distribution; Natural Regeneration; Artificial Regeneration; Choice of Species; Seed supply; Forest Nursery; Sowing and Planting; Maintenance of Plantations; Afforestation of difficult sites; Site Maintenance; Tending Operations.



Dwivedi, A. P.

Forests: The Non-Wood Resources

(Pub. 1993),
 Rep. 2006
 pp. viii+352

SUMMARY

The non- wood forest products are of immense importance of

the mankind. With industrialisation and urbanisation, timber and firewood can be substituted by other materials but there are still a large number of non-wood forest products for which no synthetic substitutes are available. There is an environmental and ecological angle associated with the harvesting of wood products. There are much less environmental issues associated with the harvesting of non-wood forest products. The non-wood forest products provide considerable employment and income to the rural poor and particularly to tribals. A large number of produce are exported outside and earn valuable foreign exchange. This book "Forests: the non-wood resources " deals with various kinds of non-wood forest products and their management. The dependence of tribals on non-wood forest products and the role of forest on their socio-economic fabric is also highlighted.

Eltringham, S. K.

Wildlife Resources and Economic Development

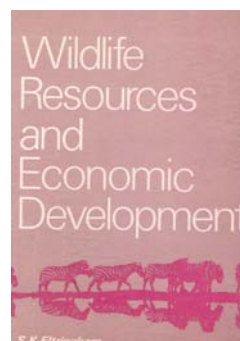
Rs. 1500.00 (TB)

(Pub. 1984)

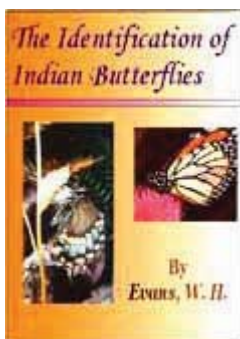
Rep. 1988, pp. xii+322

(ISBN: 81-7089-094-2)

Preface; 1) Wildlife in the service of man; 2) Population Ecology of wildlife; 3) Quality of Wildlife Products; 4) Wildlife cropping Sea mammals; 5) Wildlife cropping Ungulates; 6) Big game hunting and the Trophy Trade; 7) Wildlife Cropping Terrestrial Fur- Bearers; 8) The Exploitation of Primates and Rodents 9) Wildlife cropping birds 10) Wildlife cropping Reptiles and Amphibians; 11) Wildlife cropping Fish and Invertebrates; 12) Wildlife cropping Ranching; 13) Possibilities in new domestication; 14) Wildlife and Tourism; 15) Wildlife's Place in Indigenous Development 16) Summing up Does wildlife have a future? References; Index.



CONTENTS



Evans, W. H.
The Identification of Indian Butterflies

Rs. 1750.00

(Pub. 1932)
 Rep. 1985. pp. x+454,
 With xxxii plates

SUMMARY

The book presents a comprehensive description of the Butterflies found in India. The different varieties have also been shown in the Black & white plates.

F. A. O. Reprints

Assessment of Logging Costs from Forest Inventories in the Tropics. Part I-II

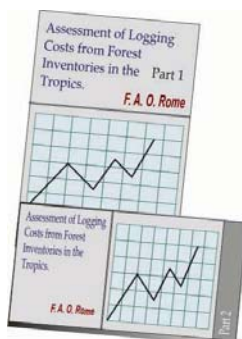
Set. Rs. 550.00

Rep. 1992

(ISBN: 81-7089-172-7)

CONTENTS

Part I- Principles and methodology;
 Part II-Data collection and calculation.



Biotechnology in Forest Tree Improvement: with special reference to Developing countries

Rs. 950.00(TB)

Rep.1996

Pp.109

(ISBN: 81-7089-239-2)

CONTENTS

Introduction; Current status of tree improvement; Cryopreservation and in vitro storage; Molecular markers; In vitro selection; Genetic Engineering; Somaclonal Variation; Protoplast Fusion; Haploid cultures; In Vitro rescue; Micro-propagation; In Vitro control of the maturation state; General conclusions.



Evers, P.W., Et. al.

Micro-propagation of Forest Trees through Tissue Culture
Rs. 750.00 (TB)

(Pub. 1988)

Rep 1999, pp. 84

(ISBN: 81-7089-268-6)

SUMMARY

This book draws upon a survey of research done by the physiology department of the Dorschkamp Research Institute for Forestry and Landscape Planning Wageningen on the genera Pseudotsuga, Alnus, Platanus, Quercus, Salix, Populus and Ulmus. Techniques are described for our organ or tissue types: bud, embryo, meristem, and callus. The subsequent phases of tissue culture are described for all species, stressing technological barriers and avoiding the usual attention for only axillary budding.



Databook on Endangered Tree and Shrub Species and Provenances

Databook on Endangered Tree and Shrub Species and Provenances

Rs. 1950.00

(Pub. 1986) Rep. 1995, pp. xvi+524

(ISBN: 81-7089-195-7)

SUMMARY

Based on a list of species in need of attention drawn up by the FAO Panel of Experts on Forest Gene Resources, 81 monographs on endangered woody species and provenances were prepared in collaboration with researchers and institutes from all over the world. The monographs include information in the botany and silvics of the species, as well as their status in terms of genetic depletion; and outline action needed to conserve existing genetic variation in them.

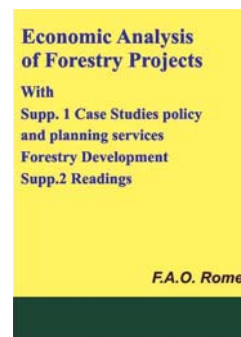
Economic Analysis of Forestry Projects with Supp.1 Case Studies policy and planning service Forestry Department, Supp. 2 Readings

Rs. 2950.00

(Pub. 1992),

pp. 599 (Bound in 1 vol.)

(ISBN: 81-7089-169-8)



F.A.O. Reprints Contd.

Eucalypts for Planting

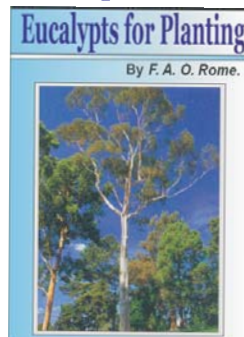
Rs. 2500.00

(Pub.1981)

Rep. 1987, pp. Xxiv+ 677
with Fig. and plates

(ISBN: 81-7089-084-5)

The Natural Environment; Growth Characteristics; Systematic; Eucalyptus as plantation Trees; Establishment and management of Eucalyptus Plantation; Farm Plantation, Shelterbelts and Ornamental Plantings; Fire Protection; Disease, Pests and disorders; Utilization; Yields; Cost of Establishment and return from Eucalyptus Plantation; Choice of Species of Planting; Species Monographs; Appendices; Glossary; Indexes; Bibliography.



CONTENTS

Forest Tree Improvement

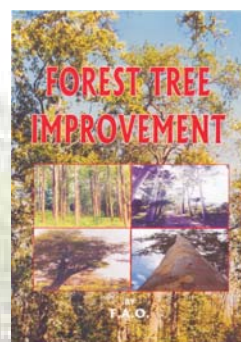
Rs. 950.00 (TB)

(Pub. 2007)

pp. 271

(ISBN: 81-7089-192-2)

Tree improvement in Relation to National Forest policy and Forest Management: Elements and Principles of Genetics: Principles and Strategies for the Improvement use of Forest Genetics Resources: Sampling and Seed Collection: Collection and Handling of Forest Seed: Storage Testing and Certification of Forest seeds: Experimental Designs: Statistical Interpretation of Test Results: Species and Provenance Trails: Seed Stands: Selection and Management of Seed Stand with special reference to Conifers: Selection and Management of Seed Stands-Hardwood: Selection of Forest Trees: Quantitative Genetics: Vegetative Propagation Methods: Controlled Crossing Systems and Designs: Seed Orchards: Progeny Trials: Genotype Environment Interaction: Breeding for Disease Resistance: Economic Considerations in Forest Tree Breeding Programme: Some Aspects of the Problem of Genetics Improvement of Hardwood Species: Bibliography



CONTENTS

FOREST FIRE CONTROL

Shows, S.B.
& Clarke, B.



Forest Fire Control:

Shows, S.B. & Clarke, B.

Rs. 550.00 (TB)

(Pub. 1953)

Rep. 1994, Pp. 109

(ISBN: 81-7089-190-6)

CONTENTS

Introduction; Policy at the national level; Planning a protection Program; Organization and Administration;

Prevention; Pre-suppression; Suppression.

Forest Influences: An Introduction to Ecological History

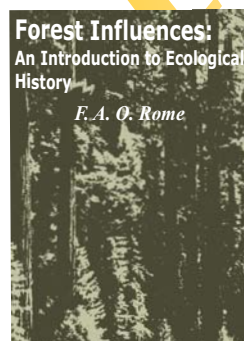
Rs. 1250.00

(Pub.1962)

Rep. 1993, pp. 329

(ISBN: 81-7089-191-4)

Introduction; Water Action and Water Movement in the Forest; The Influence of the Forest on the Weather and other Environmental Factors; Trees outside the Forest; Forest and Watershed; Evaluation of the Utility of Forest influences.



CONTENTS

**Forestry Education:
New Trends and Prospects**

F.A.O. Rome.

Forestry Education: New Trends and Prospects

Rs. 1250.00

(Pub. 1994)

Rep. 1996, pp. 305

(ISBN: 81-7089-232-5)



Honey Bee Mites and their Control A selected Annotated Bibliography

Rs. 450.00

(Pub.1986) Rep.1994, pp.154

(ISBN: 81-7089-193-0)

Honey Bee Mites and their Control A selected Annotated Bibliography

F.A.O. Reprints Contd.

Poplars and Willows in Wood Production and Land Use

F. A. O. Rome.

Poplars and Willows in Wood Production and Land Use

Rs. 1750.00

(Pub.1979)

Rep.1989, pp. xxxiii+328

(ISBN : 81-7089-085-3)

CONTENTS

1. Introduction 2. Historical notes 3. Poplars and willows in the world 4.

Improvement and selection 5. Ecology and physiology 6. Propagation of Poplars and nursery techniques 7. Techniques for cultivation 8. Maladies of the Salicaceae 9. Enemies of the Salicaceae: insects and other animals 10. Properties and marketing of the wood of Poplars and willows 11. Utilisation of Poplars and willows 12. Timber consumption trends and production by regions 13. Poplars and farming 14. Need for fundamental and applied research ; Bibliographic references ; Index.

(ISBN: 81-7089-241-4)

Reading in Sustainable Forest Management

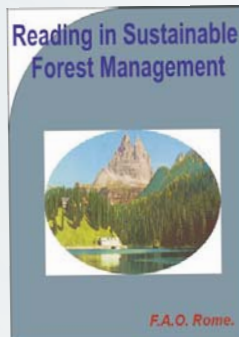
Rs. 1100.00

(Pub. 1994)

Rep. 1996, pp. 276

CONTENTS

Introduction; Wood Production and wood for energy; Managing Forests for Non-wood Forest Products; Soil and Water conservation; Wildlife management; Conserving Forest Biodiversity; Forest management and Protection and climate change; Policy Institutional and Legal aspects; Socio-economic aspects; Research Aspects; National Policies, Programmes and Experiences.



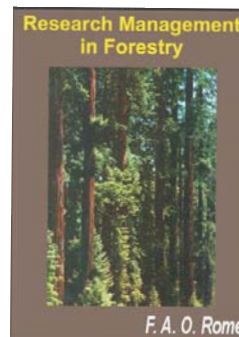
Research Management in Forestry

Rs. 550.00

(Pub.1992) Rep. 1998, pp. 126

(ISBN : 81-7089-251-1)

Introduction; The planning process; Strategic Planning; Programme Planning; Annual Planning and Budgeting; Managing Researchers; Providing Leadership; Scientific Support Services; Administrative Services; Communicating results of Scientists; Communicating Results for Application.



CONTENTS

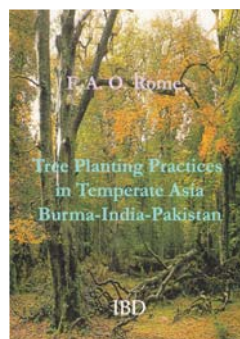
Tree Planting Practices in Temperate Asia Burma-India-Pakistan

Rs. 550.00 (TB)

(Pub.1959) Rep. 1989, pp.xii+148

(ISBN: 81-7089-106-X)

CONTENTS



1 Climatic regions; 2 soils; 3 object of planting; 4 organisation of plantation work; 5 collection and handling of seed; 6 Forest tree nurseries; 7 Plant production in nurseries; 8 Sowing and planting; 9 General protection; 10 Labour and costs Afforestation for Erosion control; 11 notes on important species for artificial regeneration; List of species; Summary notes on other species; Appendices.

Tree Planting Practices for Arid Zones

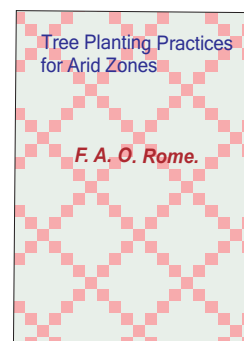
Rs. 750.00 (TB)

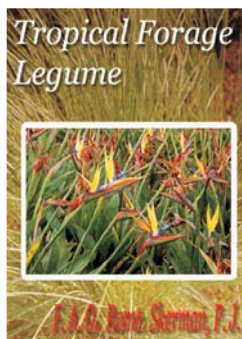
(Pub.1963) Rep.1989, pp. xii+226, illus.

(ISBN:81-7089-105-1)

CONTENTS

Introduction; Arid Zones; Collection and handling of seed; Forest trees nurseries; Plant Production in nurseries; Afforestation; Planting; Care of Plantations; Cost of Afforestation; Special plantation; Appendices.





Skerman, P. J.

Tropical Forage Legume:

Rs. 2500.00

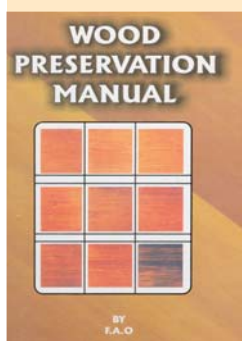
Rep.2007

pp. xxii+ 609 with illus and Plates

(ISBN : 81-7089-088-8)

CONTENTS

Introduction; The role of Legumes in agriculture; Evaluation of natural resources for pasture production; Land clearing; Pasture establishment; Mineral nutrition of tropical pasture legumes; Nitrogen nutrition of tropical pastures; Rhizobium relationship of Legumes; Management of Tropical Pasture legumes; Weed control in tropical pastures; Irrigation of tropical pasture legumes; Production of Forage legume seed; Selection and breeding of tropical pasture legumes ; Chemical composition and nutritive value of tropical legumes; The pasture legume; Leguminous browse; The browse species; Bibliography; Appendices



Wood Preservation Manual

Rs. 650.00 (TB)

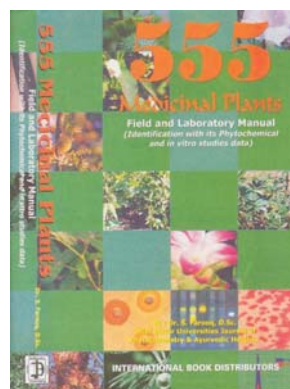
(Pub.1986)

Rep. 2007, pp. 152

(ISBN: 81-7089-194-9)

CONTENTS

Introduction; What is preservation; Nature of wood; Decay Hazards; wood preservatives; Log protection/ Preservation; Preparation of Materials; Wood Preserving Processes; Treatment methods; Post Treatment Handling; Properties and uses of treated wood; Environmental Health and Safety measures; Design of Treatment area; Economic aspects of wood preservation; Appendices.



Farooq, S.

555 Medicinal Plants: Field Guide and Laboratory Manual

Rs. 2500.00

(Pub.2005.),

Pp. xxiv + 530 and 67 colour plate

(ISBN: 81-7089-322-4)

SUMMARY

What is this book all about? Briefly mentioning it gives comprehensive profiles of medicinal plants, detailing the scientific information with advance methods of identification including macroscopic and microscopic detail, their chemical analysis with modern analytical instrumentation methods like spectrophotometric and chromatographic methods TLC, HPTLC, GLC, and HPLC. Additionally the book gives details of nomenclature, habitat, besides Pharmacognostic studies data, Pharmacology of major chemical constituents and their chemical structures with color photographs of detailed descriptive plants. Therapeutic profile along with their recommended dosage. Microbiological studies including determination of surface microbial contaminants of few plants with evaluation of antimicrobial activity of 50 plants plus detailed and latest information on Garlic, Aloe Vera, Rauwolfia serpentina and Cannabis etc. The book also has moderate description and short description of 111 & 394 plants respectively. The book will be of immense use to medical practitioners, botanical gardens, growers of herbal plants as also in Pharmacognosy, Pharmacology photochemical laboratories and it will also be a handy general knowledge book on medicinal plants.



CONTENTS

The woodpecker XIII) The copperss XIV) The blue-Jay XV) The Kingfisher XVI) The Swift XVII) The Koel XVIII) The Parrot XIX) The Owl XX) The Vulture XXI) The Kite XXII) The Dove XXIII) The Gull XXIV) The Paddy Bird

Finn. F

The Birds of Calcutta **Rs.375.00**

(Pub. 1917)

Rep. 1978, pp. 166

I) The crow II) The magpie
III) The seven sisters IV)
The Bulbul V) The King crow
VI) The Tailor bird VII) The
Oriole VIII) The Mynah IX)
The Dhyal X) The sparrow
XI) The Honey-sucker XII)

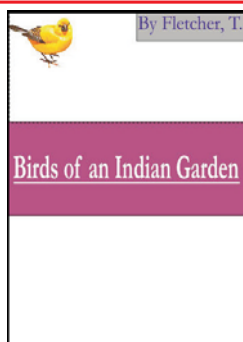
Fletcher, T. B. **Birds of an Indian Garden** **Rs. 1250.00**

(Pub.1936)

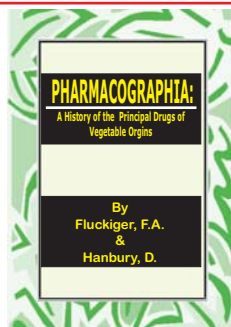
Rep.1987,pp.201,
plates33

(ISBN:81-7089-065-9)

Preface; The Jungle Crow;
The Indian House Crow;
TreePie; The Jungle Babbler
or "Seven Sisters" ; Some
Bulbuls; The red Whiskered
Bulbul; The Magile-Robin or
Dayal; Paradise Fly Catchers;
The Black Drongo or
King Crow ; The Tailor Bird;
The Black Headed
Oriole; The Common Myna;
The Pied Myna; The
Weaver Bird or Baya; The
house Sparrow; The
White Wagtail; The Tree
Pipit; The White eye; Some
sun-birds or honey-suckers;
Some other sunbirds;
The Golden backed woodpecker
; The Green
Barbet; The crimson-Breasted
Barbet or
Coppersmith; The Common
Howk- Cuckoo or Brain
fever bird; The Rose ringed
Parakeet; The Roller;
The Green Bee Eater; The
Javan Blue-Tailed Bee
Eater; The Hooppoe; The
Long Tailed Nightjar; The
spotted Owlet; The Cattle
Egret.



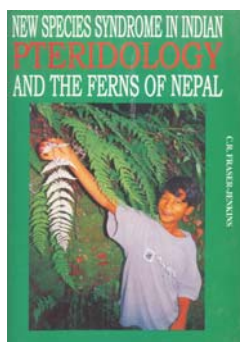
CONTENTS



Fluckiger, F.A. & Hanbury, D. **Pharmacographia:** **A History of the Principal** **Drugs of Vegetable Origin**

Rs. 2500.00

Rep.1986, pp. v+689,



SUMMARY

Fraser, C. R. Jenkins **New Species Syndrome in** **Indian Pteridology and** **Ferns of Nepal**

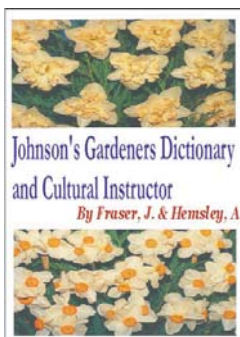
Rs. 2500.00

(Pub. 1997), pp. 404,

(ISBN : 81-7089-252-X)

This book tackles a major
problem in modern fern
botany, the increasing
practice of naming
mistaken "New species"

etc. Aspects and origins of the problem are discussed and followed by a comprehensive, annotated list of incorrect names given since Independence in 1947 to pteridophytes occurring in the Indian sub-continent, showing where errors were made and what are hoped to be the correct names. The list includes careful and fully detailed taxonomic reasoning in relation to genera and specifically species, the identity of type-specimens, the application of the latest international code of Botanical nomenclature and the existence of earlier names from various regions of Asia. Over 2,000 names are mentioned in shortly under 100 of the accepted genera and nearly 70 important and necessary new names are given, or new taxa described. Many new records of less known Himalayan ferns are given, resulting from the author's many years of detailed research in British and other European herbaria, as well as 20 years of Himalayan botanical collection and field observation. Many of the new records concern Nepal, for which there is a special appendix, and from where a number of more easterly elements have been found to reach previously unknown Western limit to their range. A detailed reference list and comprehensive index are given and the book starts with a dedication and appreciation of his colleague for 20 years, the late Professor Tsdeus Reichstein. LI . Nob. Of Basel, Switzerland. This book is aimed at the specialist and deals with the detailed elucidation of many persistent nomenclatural problems in Ferns in order to help clear way towards the eventual production of an accurate Pteridophyte flora of the whole Indian subcontinent. In also drawing widely on and correlating research on ferns in China and Japan it is highly relevant to the study of Pteridophyte throughout Asia.



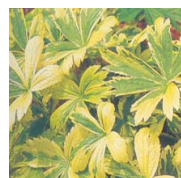
Fraser, J. & Hemsley, A.
**Johnson's Gardeners
 Dictionary and Cultural
 Instructor**

Rs. 3950.00

(Pub. 1985),
 pp. 923

(ISBN: 81-7089-027-6)

**Himalayan Ferns :
 A Guide to Polystyichum**



Fraser- Jenkins, C.R

Fraser, C. R. Jenkins
**Himalayan Ferns : A Guide
 to Polystyichum**

Rs. 195.00

(Pub. 1997), pp. 54

(ISBN 81.7089-246-5)

Fyson, P. F.

**Flora of Nilgiri and
 Pulney**

**Hill Tops. 3 Vols.
 (Vol. 1 & 2 Text and
 Vol. 3 Plates)**

Set. Rs. 3000.00

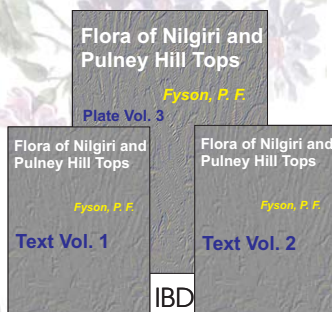
(Pub. 1915-20)

Rep. 1986.

(ISBN: 81-7089-083-7)

SUMMARY

This flora is contained in three volumes. Volume 1 describes 500 species from the area of the two plateaus which range from 6, 500 to 8,500 feet above sea level. Exotic and some new species are mentioned. Volume 2 consists of 286 full page illustrations of the species in Vol. I. Volume 3 is a supplement to volume 1 & 2. The area covered in this volume covers the concoor Mts down to 5,000 ft. and also includes 294 full page illustrations supplementing Vol. II



Rs. 2500.00 (TB)



Gamble, J. S.

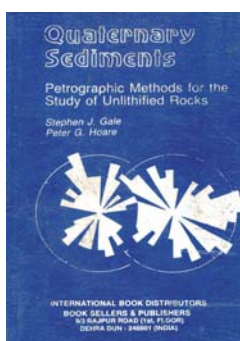
A Manual of Indian Timbers

(Pub.1922) Rep.2002

pp xxvi+894; Many Figs and Plates

SUMMARY

The book presents the detailed account of the growth, distribution and uses of trees and shrubs of India and Ceylon (Sri Lanka). The complete area has been divided into the forest regions on the basis of the geographical positions and the edapho-climatic conditions. The main species found in these regions have also been mentioned according to their family with their botanical review with special emphasis on the wood anatomy of the timber yielding trees to impart the knowledge of the character, structure and other peculiarities. The comparative account of the species of various genera of the family has also been given. The description of the species deals with the detailed aspects and generalized wood structure of the corresponding family to which it belongs. The description covers the size and appearance of the tree; evergreen or deciduous; mode of branching and the nature of the bark. Infrastructure of the information about the wood covers both, the heartwood and sap wood along with its morphological and anatomical aspects. The book also presents briefly the area of use of the species. Detailed illustrations have also been supplemented by the index on the basis of European, scientific and vernacular names to facilitate the literature search on their basis.



Gale, S. J. & Hoare, P.G.

**Quaternary Sediments
 Petrographic Methods for
 the study of Unlithified
 Rocks**

Rs. 950.00

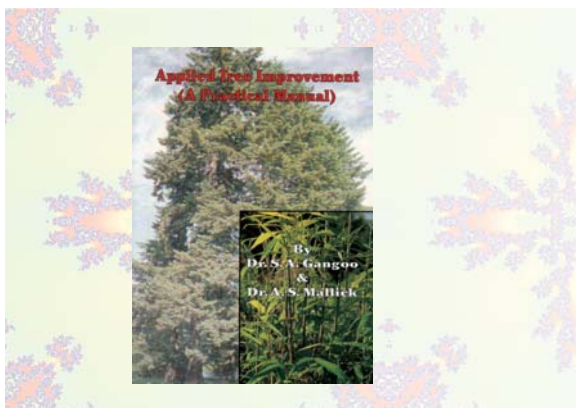
(Pub.1991)

Rep.1992.pp.iii+323 many figs

(ISBN: 81-7089-160-4)

CONTENTS

Laboratory analysis of Quaternary materials; Sample documentation, Preparation and Storage; Basic laboratory Techniques and procedures; The Physical composition and analysis of regolith materials; Appendices.



Gangoo, S.A., and Mallick, A.S.
Applied Tree Improvement: A Practical Manual

Rs. 350.00

(Pub.2008)
 pp. xiii+55.

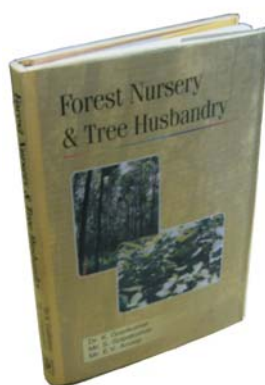
(ISBN: 81-7089-360-7)

SUMMARY

There is an urgent world wide need to raise the production of wood in future through afforestation schemes. This need can efficiently be achieved on any given site, beside other factors, through the correct choice of species, improved seed source and specific silvicultural treatments. This is what precisely may be termed as 'tree improvement'. Thus, in other words, without tree improvement, forestry can never come close to reaching the goal of optimum production and productivity.

Most of the world's current planting programmes in forestry domain are still based on plant raised from seeds which are collected from unselected populations. Nevertheless, now there is an increasing trend towards the use of phenotypically superior stocks as seed sources.

Under the present scenario globally achieving "green revolution" in forests, tree improvement seems to be inevitable. This manual which has been prepared for B.Sc. (forestry) and M.Sc. (forestry) students, shows the practical methods in tree improvement. We hope the exercise will prove a great boon for students of forestry and the budding foresters, who are engaged in practical tree improvement in the field. The manual provides only the practical related exercise and the theoretical knowledge can be grasped in theoretical classes and books.



**Gopikumar,
 K.Gopakumar,S.,and
 Anoop E.V.**

Forest Nursery and Tree Husbandry

Rs. 750.00 (TB)

(Pub. 2003), pp.viii+163

(ISBN: 81-7089-301-1)

SUMMARY

Now a days there is increasing awareness among people about the role played by trees in controlling most of the environmental issues. Unfortunately, unlike agriculture or horticulture, raising of tree seedlings and plantations pose various problems mainly due to the lack of knowledge and expertise about the production of planting materials and its post planting management techniques. Although there is now a broad recognition of the need for tree plantations in various regions of the country, the non availability of suitable planting stock of good quality in fairly large quantities and good qualities is the biggest snag in executing planting programme. It is well established that growth and survival of seedlings are functions of initial vigour, growth rate and resistance to environmental stresses, pests and diseases. In order to maximize the success towards the final product, it is essential to raise seedlings in nurseries with proper care and management. A thorough and scientific knowledge of various aspects of raising tree seedlings of commercial forest tree species in the nursery and its management strategies in the main field after planting is very essential for a viable afforestation programme. At present the information about the nursery aspects and management strategies of various tree species are not available in a comprehensive manner. The purpose of this book is to consolidate and compile all available information under one cover "Forest nursery and Tree husbandry", which will serve as a ready reckoner for seedling producers, nursery men and all others engaged in forestry programme. This book covers all scientific aspects related to nursery, cultural and management techniques of all hard wood and soft wood tree species. This book is written lucidly by the experts in this field at College of Forestry, Kerala Agricultural University, Vellanikkara without detracting from the thoroughness of the scientific content and comprehension. Management prescriptions of all the tree species are very authentic and informative. This book will be extremely useful to teachers, researchers, students, practicing foresters and farmers who are engaged in forestry or tree husbandry programme.

Graff, J.de.

The Economics of Coffee

Rs. 1250.00

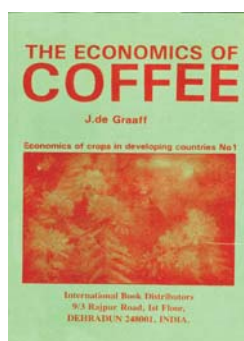
(Pub. 1986)

Rep. 1993. pp. 294

(ISBN: 81-7089-147-7)

CONTENTS

Part I Introduction to Coffee; Comparative analysis; Part II Coffee in Brazil; Coffee in Colombia; Coffee in Costa Rica; Coffee in Kenya; Coffee in Rwanda; Coffee in Cameroon; Coffee in Ivory Coast; Coffee in Indonesia.



Greenland, D. J. & Lal, Ratan.

Soil Conservation and Management in the Humid Tropics

Rs. 2500.00

(Pub. 1977)

Rep. 1989, pp. 283

(ISBN: 81-7089-103-5)

CONTENTS

Part 1- Introduction; Part 2- Basic aspects of soil and water conservation; Part 3- Characterization of soils and climates in relation to the Erosion Hazard; Part 4- Management of Erosion control; Part 5- Farming systems and Erosion Hazard in Africa; Part 6- Farming systems and Erosion Hazard in the Far East; Part 7- Farming systems and Erosion Hazard in the Latin America; Part 8- Towards Erosion control in the Humid Tropics.

Soil Conservation and Management in the Humid Tropics



Greenland, D. J. and Lal, Ratan.

Palms of British East India



Griffith, W.

Palms of British East India

Rs. 4500.00

(Pub. 1850) Rep. 1978, pp. Xvi-182, plates

SUMMARY

This volume deals with the varieties of Palms which are found in British East India: West of the river Gogra and Mishmee Mountains to the

East and along the Whole frontier line from that point to Singapore including the Khasya, Naga and Tipperah hills, with regard to the Malacca Palms, which have added so considerably to the list. A considerable numbers of species doubtless still exist in the interior and on the Eastern coast of the Peninsula. In this volume the author has made an attempt for the identification of Palms with their botanical nomenclature, habitants.

Gupta, A.

Environmental Pollution (Developed Countries v/s Less Developed Countries)

Rs. 550.00 (TB)

(Pub. 2002), pp x+143

(ISBN: 81-7089-289-9)

CONTENTS

1. Introduction 2. The problem of global environment 3. Review of literature 4. An analysis of the environmental pollution in developed and less developed countries 5. The way out 6. Concluding observation (I) Bibliography (II) Annexure 1 and 2.

Guleria, A. S.

Production, Consumption & Trade of Forest Products in India

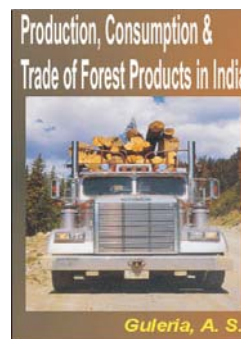
Rs. 1100.00

(Pub. 1990) pp. 342

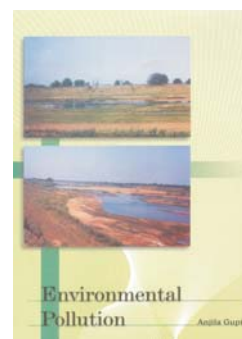
(ISBN: 81-7089-113-2)

CONTENTS

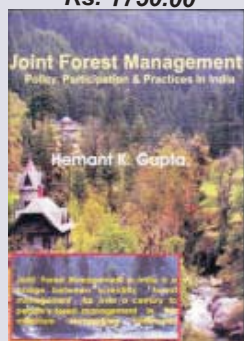
Introduction; Forest Policy and some Management aspects of Forest Products; Relationship between Forests and People; Roundwood; Sawntwood; Wood based panels; Wood pulp and Paper/Board; Contribution of wood Products to the National economy.



Guleria, A. S.



Rs. 1750.00



Gupta H. K. (IFS)

Joint forest management : policy, participation and practice in India

(ISBN : 81-7089-325-9)

(Pub: 2006)

pp. xxvi + 399

SUMMARY

Joint Forest Management (JFM) is now a principal forest management strategy in India. The government views JFM as a pivotal strategy for addressing the national policy goal of achieving 33% forest cover by 2012. JFM represents one model of community based forestry in which the State engages with communities with forestry. Though the current JFM model is weighted in favour of state forest department control over planning, management, investment, harvesting and marketing. This book is an attempt to understand the evolution and introduction of the JFM principles and concepts of JFM. The combine influence of historical, social, economic, cultural and ecological factors along - with policy impacts in people's participation in managing forest is illustrated by taking case of North West Himalayas. Over the past several decades, the focus in forestry has shifted towards forest protection and conservation and JFM represents a key policy thrusts in India. JFM is continued to be evolved as the experiences from different states across India are informing the process of JFM implementation so that policy and guidelines to improve the program are revised by the central and state governments regularly. The process approach is being followed so that forests are managed sustainably with people's involvement in forestry programmes to improve the livelihoods of forest dependent people's and reduced poverty. The studies have demonstrated that the potential economic benefits from improved forest productivity and policy reforms in favour of JFM are huge, both for people and government.



Rs. 1750.00

Gupta, Sudhanshu, (I. F. S.)

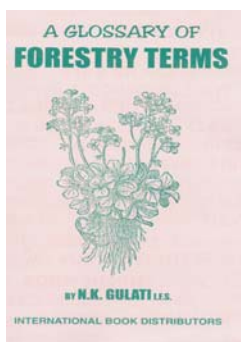
Intellectual Property Rights and Conservation of Forest Resources

(Pub. 2005),

pp. 400.

SUMMARY

The fruits of human creativity are linked to Intellectual property and are integral to the progress of human kind, an indispensable element in economic development in present global environment. Intellectual property plays an important role in an increasingly broad range of areas, ranging from the Internet, biotechnology, forests, agriculture, health care and nearly all aspects of science and technology. At present, there is a sharp contrast between the wide spread international recognition of biotechnology's benefits and the apprehensions about its possible dangers to ecology. The Book 'Intellectual Property Rights and Conservation of Forest Resources' provides information on international perspective of important issues in the field of patenting. The book examines international agreements, as well as national laws on the Intellectual Property Rights. The book makes readers aware of historical developments associated with IPR and requirements of IPR relating to 'spatial information or any geo-data'. The case study on 'computerized application for determining vulnerability of species in wild', throws new dimension to determining vulnerability of species. The author, Dr Sudhanshu Gupta, has demonstrated computerized application for determining vulnerability of species in wild and has defined vulnerability of species based on statistically determined probable mathematical estimates. It is a book many people, may like to read to gain new depth and meaning to IPR related resources and their vulnerability.



Gulati, N. K.

A Glossary of Forestry Terms

Rs. 495.00 (TB)

(Pub.1986)

Rep. 2005,

pp. viii+216

(ISBN: 81-7089-216-3)

SUMMARY

This book has been compiled with a view to provide a consolidated list of forestry and their allied subjects terms used in different disciplines of forestry. The author have tried to give maximum numbers of forestry and other subjects terms used in day to day works giving their definitions and commonly accepted meanings. I am confident that this hand book of forestry terms will not only be of great help to forestry students, forest rangers, I.F.S trainee and other professional foresters, but will also contribute to the forestry literature.

Haines, H. H.

Descriptive List of Trees, Shrubs & Economic Herbs of the Southern Circle, Central provinces

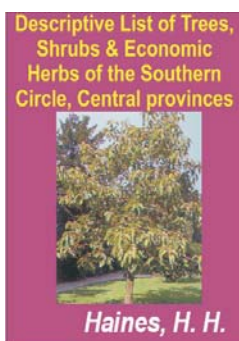
Rs. 750.00

(Pub.1916),

Rep.1984.

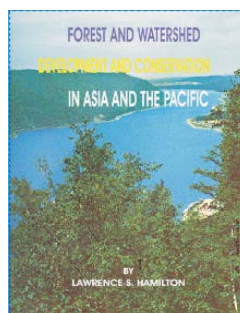
pp. xxvii+382

(ISBN: 81-7089-019-5)



CONTENTS

Preface; Introduction; Area and Topography; Geology and soil- Nagpur-wardha; North Chanda, West; South Chanda, West; Ahiri and Sironcha; Bastar; South Chanda, east; North Chanda, east; Bhandara; Balaghat; Raipur and Drug; Bilaspur; Synopsis of families; Descriptive list ; Artificial Key; Index Scientific; Index- English and vernacular; Glossary.



Hamilton, L. S

Forest and Watershed Development and Conservation in Asia & the Pacific

Rs. 1950.00

(Pub.1983),

Rep. 1987. pp. xxiii+560

(ISBN: 81-7089-080-2)

SUMMARY

The case studies in this book are authoritative analysis of the extent to which applied scientific and economic information can lead to sustained yields of crops and timber from forest lands in Asia and the Pacific. They also contribute to a better understanding of the actual problems of site management in forestry and watershed rehabilitation projects. The studies from Papua New Guinea, New Zealand, Nepal, Sri-Lanka, India and the Philippines show how and why procedures succeed or fail in achieving policy goals and demonstrate clearly that determined efforts are necessary and worthwhile to conserve the productive capacity of forest lands.

Hamilton, L. S. & King, P. N.

Tropical Forested Watersheds : Hydrologic & Soils Response to Major Uses of Conservation

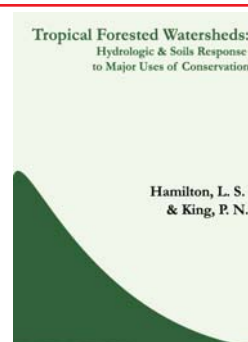
Rs. 750.00 (TB)

(Pub. 1983)

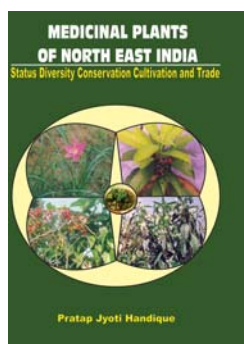
Rep.1988. pp xi+168

(ISBN: 81-7089-056-X)

CONTENTS



Tropical forests are being altered or replaced at a rate that has aroused much concern among the global scientific community. Of particular importance is the effect on soil and water of activities involving alterations and conversions of Forests for cultivation, grazing, logging or other purposes. This book synthesis current knowledge about the effects of twelve different human activities on various water and soil phenomena, including groundwater, spring, and well levels; stream-flow quantity, timing and distribution; on-site erosion; sediment in stream; and nutrient outflow. Each chapter includes a short section suggesting appropriate management and policy guidelines to minimize adverse effects and enhance benefits.



Handique, Pratap Jyoti,
Medicinal Plants of North-East India.

Rs. 1250.00

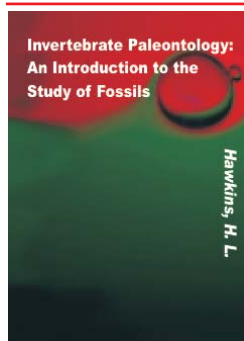
(Pub. 2009)
 pp. vi+314

(ISBN: 81-7089-353-4)

The book deals with the rich medicinal plant resources of North East India. It includes a comprehensive analysis on the Diversity, Status, Trade, Conservation and Cultivation of medicinal plants of the area besides giving individual species description of 600 plant species with their traditional medicinal uses. The taxonomic treatment on each species is up-to-date with latest and correct nomenclature and rarity status. The analysis of the trade structure in medicinal plants incorporating the name and description of species, quantum and volume of trade, status of trade and identification of trade related crucial factors are unique and comprehensive. It emphasizes the cultivation status of the medicinal plant in NE India giving information on the plant species prioritized for cultivation by NMPB as well as identifying several indigenous Plant species prioritized for cultivation. It includes a discussion on the status and diversity of indigenous medicinal plant species of NE India with comprehensive analysis on the existing pattern of conservation, and the future possibilities.

SUMMARY

the Diversity, Status, Trade, Conservation and Cultivation of medicinal plants of the area besides giving individual species description of 600 plant species with their traditional medicinal uses. The taxonomic treatment on each species is up-to-date with latest and correct nomenclature and rarity status. The analysis of the trade structure in medicinal plants incorporating the name and description of species, quantum and volume of trade, status of trade and identification of trade related crucial factors are unique and comprehensive. It emphasizes the cultivation status of the medicinal plant in NE India giving information on the plant species prioritized for cultivation by NMPB as well as identifying several indigenous Plant species prioritized for cultivation. It includes a discussion on the status and diversity of indigenous medicinal plant species of NE India with comprehensive analysis on the existing pattern of conservation, and the future possibilities.



Hawkins, H. L.
Invertebrate Paleontology: An Introduction to the Study of Fossils

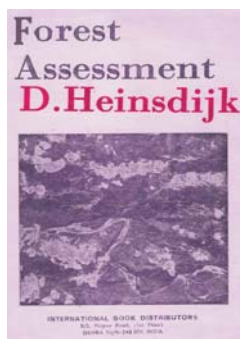
Rs. 450.00

(Pub. 1920)
 Rep. 1985 pp.xix+226,
 with illus.16,

(ISBN: 81-7089-028-4)

CONTENTS

Part I- Materials, Methods and principles Chapter 1) The science of Palaeontology; Chapter 2) Materials; Chapter 3) Technique Chapter 4) Geological Palaeontology; Chapter 5) Biological Palaeontology Part II- Historical Biology Chapter 1) Pre-Cambrian Faunas; Chapter 2) Lower Palaeozoic Faunas; Chapter 3) Upper Palaeozoic Faunas; Chapter 4) Mesozoic Faunas; Chapter 5) Cainozoic Faunas; Chapter 6) Crises in Evolution.



Heinsdijk, D.
Forest Assessment

Rs. 2950.00

(Pub. 1975)

Rep.1987. Pp.349

(ISBN: 81-7089-054-3)

CONTENTS

Preface; Introduction; General Outlines of Forest assessment; Historical review; Mapping and Maps; The Climate; The Soil; Forest Site Classification; Forest Inventory; The Economic aspect of Forestry; Decision making in Forestry.

Hereman, S.
Paxton's Botanical Dictionary

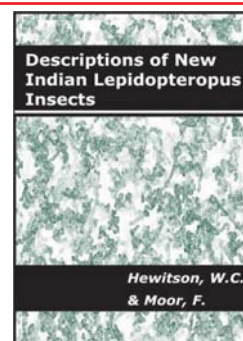
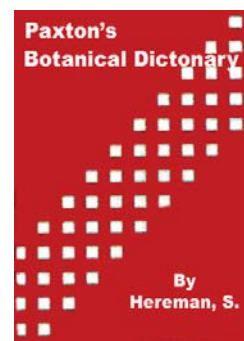
Rs. 3500.00

(Pub. 1898)

Rep.1980, pp. xii+623

SUMMARY

This volume is a comprehensive compendium in which scientific and popular details are abridged, combined and thus brought within the pecuniary reach as well as easy examination of those income and time are subjected to many other more pressing exactions.



Hewitson, W.C. & Moor, F.
Descriptions of New Indian Lepidopteropus Insects

Rs. 1500.00

(Pub.1987)

pp. xi-198, with 5 plates

Heybroek, H. M., Stephan, B. R. & Weissenberg, K. Von.

Resistance to Diseases and Pests in Forest Trees

Rs. 2950.00

(Pub.1982)

Rep.1990. pp. xi+500



CONTENTS

(ISBN: 81-7089-124-8)

Introduction; Host-Parasite interaction and the Environment; Host Parasite interactions and Genetics on the Individual plant level; Resistance mechanisms and their Genetic control; Bio-chemical aspects in Resistance breeding; Genetic variation in Fungal Pathogenicity; Population Genetics and breeding for Balance; Presentation and analysis of current Breeding Programs; Concluding remarks.



Hooker, J. D.
Genera Plantarum
Vol. 1-3 Set.

Set. Rs. 9000.00

Rep 1979

Vol. 1 pp xv+1040,

Vol. 2 pp ix+1279,

Vol. 3 pp xii+1258

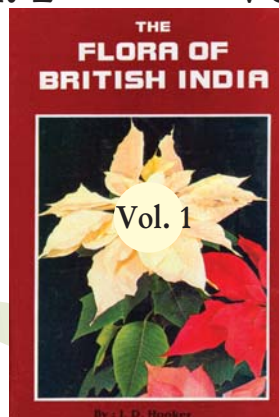
(ISBN : 81-7089-010-1)

Vol. 2

Vol. 3

Vol. 4

Vol. 5



Vol. 6

Vol. 7

Hooker, J. D.
Flora of British India (7 Volumes Set.)

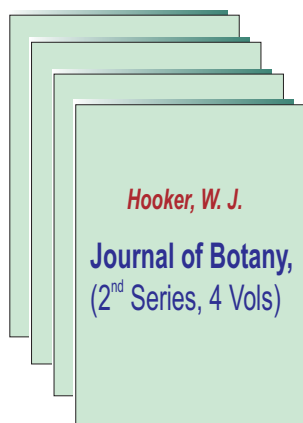
Set. Rs. 10,000.00

(Pub. 1872-1897) Rep. 2005.

(ISBN: 81-7089-324-0)

SUMMARY

Flora of British India covers moderate brief description, ordinal, generic and specific of the flowering plants and ferns found within the erstwhile British territories in India including Kashmir and Western Tibet. The book has 7 vols: British Indian Botany is represented by some 12-14,000 species collected from Tropical, Temperate and frigid climates, and at all elevations, from the sea level to 19,000 ft. Of this vast assemblage, not a twelfth part hitherto has been brought on Indian Plants together. The area over which each species is distributed, is indicated by districts; these being botanical regions which coincide in the main so closely with the well recognized territorial divisions of India. Vol. I. (Ranunculaceae to Sapindaceae), Vol.II. (Sabiaceae to Cornaceae), Vol.III. (Caprifoliaceae to Apocynaceae), Vol.IV. (Asclepiadeae to Amarantheae), Vol.V. (Chenopodiaceae to Orchideae), Vol.VI. (Orchideae to Cyperaceae) and Vol.VII. (Gramineae and General I



Hooker, W. J.
Journal of Botany,
(2nd Series, 4 Vols)

Set. Rs. 4000.00

(Pub.1842)

Rep1984. Pp.1742

(ISBN: 81-7089-066-7)

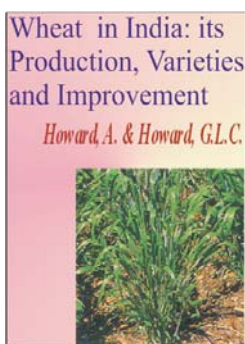
Howard, A. & Howard, G.L.C.
Wheat in India: its
Production, Varieties and
Improvement

Rs. 950.00

Rep. 1979.

pp. vii+288, many plates, figs
 & maps

The book has been reprinted due to being useful to all interested in various aspects of wheat production in India. The work is divided in three sections. Section 1. Production of wheat in India contains 11 chapters i.e. Distribution and Area, Soils, irrigation, Mixed crops, Cultivation, Disposal of produce, Aspects of trade in Indian wheat and experiments. Section 2. Disease of wheat in India is in IV Chapters i.e. Wheat rusts, other fungoid disease of wheat, disease caused by insects and damage due to other causes. Section 3. Improvement of Indian Wheat dealing with recent investigations, seed distribution, Production of new and improved varieties and testing of varieties. The book contains 12 plates and 7 maps of various states of India.



SUMMARY

Hooker, W. J.
General System of Botany:
Descriptive and Analytical

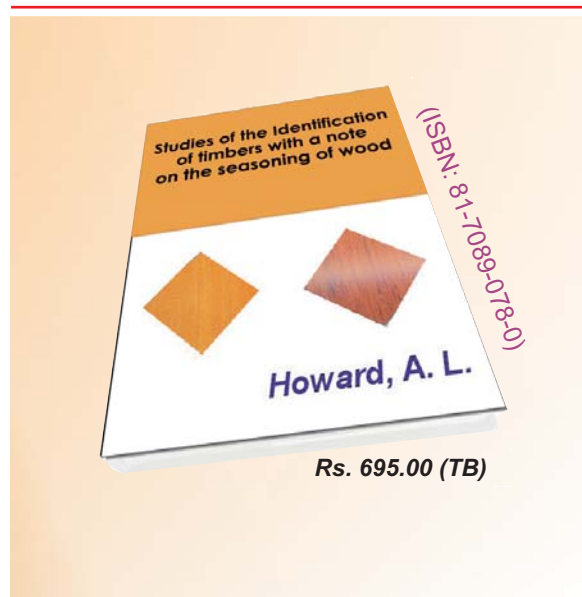
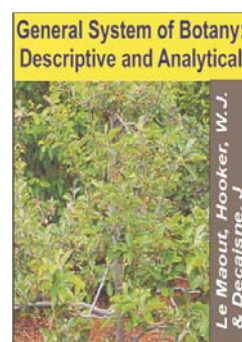
Rs. 4500.00

(Pub. 1868)

Rep.1985.

pp. Vii+1066

(ISBN: 81-7089-029-2)



Rs. 695.00 (TB)

Howard, A. L.
Studies of the Identification of timbers with a note
on the seasoning of wood

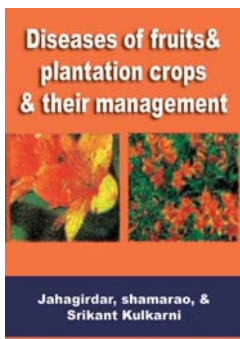
Rep.1992.

pp.112,

with 962 plates.

SUMMARY

The photo-micrographs here included have been arranged on an alphabetical catalogue of all those timbers which are in common use, and are X 10 throughout. It is hoped to follow this by a supplement, since it has been found impossible to complete the entire list in one volume. The first installment includes 504 photo-micrographs and the order following the text of "Timbers of the World". The book is very useful for Identification and to know wood structure.



Jahagirdar, Shamarao, & Srikant Kulkarni

Diseases of fruits and plantation crops and their management

Rs. 695.00 (TB)

(Pub. 2005)

pp.vi+191

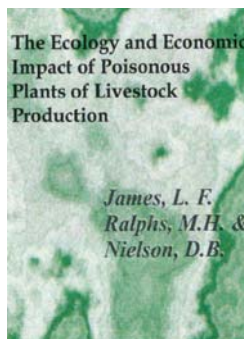
(ISBN: 81-7089-323-2)

SUMMARY

This book gives a comprehensive account of major economically important diseases of fruits and plantation crops of tropical and subtropical regions. Each chapter includes distribution, symptomatology with colour photographs, casual agent, epidemiology, disease cycle, various management strategies includes cultural, host plant resistance, chemical and biological & biotech approaches. The book also gives a detailed calendar of operations in for disease management in each of these crops. The detailed bibliography is also provided at the end. The book serves an important guide for teachers, researchers, extension workers and farming community at large.

CONTENTS

1: grape diseases; 2: pomegranate diseases; 3: banana diseases; 4: diseases of papaya; 5: diseases of mango, guava and ber; 6: diseases of citrus, apple and stone fruits; 7: diseases of coconut, arecanut and black pepper; 8: diseases of sapota, fig and custard apple.



James, L. F., Ralphs, M.H., & Nielson, D.B.

The Ecology and Economic Impact of Poisonous Plants of Livestock Production

Rs. 1750.00

Rep. 1990.

pp. xi+439

(ISBN: 81-7089-132-9)

SUMMARY

Focusing on those poisonous plant species with a broad geographic distribution and the greatest economic effect, the contributor to this interdisciplinary volume examine the environmental factors that promote or encourage poisonous plant growth and spread, plant population cycles, the conditions under which poisoning occurs, toxins responsible for poisoning and their effects on livestock, and the management responses to reduce losses. The general economic impact is also examined, looking at Frequency and economic aspect of loss from outright death to reduced weaning weight and reproductive efficiency- and forage losses within the context of annual, sporadic or catastrophic losses as well as the costs of the prevention are examined within an agricultural economic aspects of poisons plant control and management. This book is of interest not only to range scientist but also to botanists, ecologists, animal scientists, and behavior lists, and agricultural economists. It will serve as both a source book and a useful methodological guide.

Jerram, M. R. K.
Textbook on Forest Management

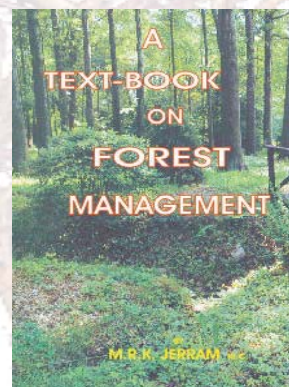
Rs. 650.00 (TB)

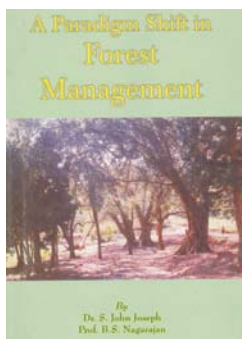
(Pub.2006), pp.x+156

(ISBN: 81-7089-335-6)

CONTENTS

Part 1: The foundations of forest management- Chapter 1) Preliminary matters relating to the regulation of the yield; Chapter 2) Relations between the growing stock, Increment and yield; Chapter 3) Silvicultural systems in relations to yield regulation; Chapter 4) Yield regulation in regular forests; Part 2- Preparation and control of a working plan Chapter 1) Preliminary matters; Chapter 2) Field work Chapter; 3) The working plan report; Chapter 4) The control of the working plan Part III: Chapter 1) Introduction; Chapter 2) A summary of the problem dealt with under forest finance; Chapter 3) Compound interest formulae; Chapter 4) Solution of the problems relating to the valuation and productivity of forest capital; Chapter 5) Choice between Agriculture and forestry; Chapter 6) General conclusions on the application of financial tests to forest management





**Joseph, S. J. Nagarajan,
B.S.**

**A Paradigm Shift in Forest
Management**

Rs. 1250.00 (TB)

(Pub. 2004)

pp.xxxviii + 193

(ISBN : 81-7089-286-4)

SUMMARY

The Book is based on research work delving into the history of forest management in the last 150 years, critically examining the changes in policy, changes that have taken place in approach and management, the administrative and official fiat thereon, present scenario, suggestions and recommendations for future management based on tested models of collaborative forest management. The findings and conclusions are stemming from a three pronged approach comprising of archival work, analysis of remote sensed data and field research data gathered in Sirumalai Hills which is part of Eastern Ghats. The research study advocates a vibrant socio-economic approach to the problem of depletion of forest resources, which envisages an active participation of local people and other stakeholders as partners in formulating policies in the management of natural resources, seeking peoples initiative and involvement in collaborative management. The book has also devoted a chapter at the end exclusively for Environmental Ethics and Future arising out of the study which analyses the current scenario in forest resource management, examining values of ethics and aesthetics in a philosophical framework situation.

Joshi, S. C.
Forestry Handbook of Bhutan

Rs. 450.00

(Pub.1986), pp.v+145

CONTENTS

1. Basic statistics of Bhutan 2. Forest and Forest resources 3. Organisation of the forest department 4. Forestry development in Bhutan 5. Silviculture and management notes 6. Afforestation 7. Forest management 8. Forest fire control 9. Local volume tables 10. Logging 11. Survey and Engineering 12. Policy of forest resource utilisation 13. Policies, laws and rules relating to forest management 14. Note on Medicines of common use 15. Important assembly decisions connection with Forestry 16. Weights and measures 17. Wildlife Sanctuaries & parks/ Forest reserves 18. Determination of Volume of fuelwood and logs.

Kala, C.P.
**Valley of Flowers, Myth &
Reality**

Rs. 495.00

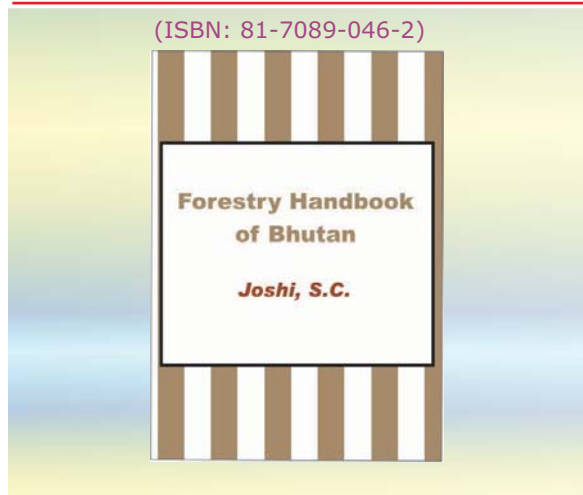
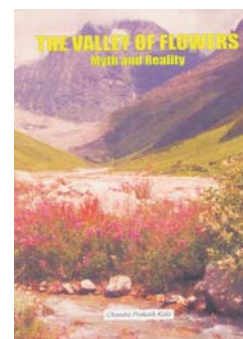
(Pub.2004),

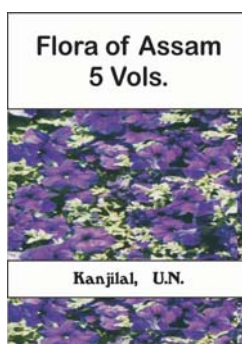
pp.viii+258 & 74 color photos.

(ISBN: 81-7089-311-9)

SUMMARY

This book is the outcome of my decade long studies on the Valley of Flowers. The ethereal and beautiful Valley of Flowers was notified as a National Park in 1982, and since then it has been caught in a strange controversy. The point of contention is that the conservation attempt is proving to be the problem rather than the solution. For the past two decades, there have been occasional reports about weeds choking the plant diversity of the region, but none of them is based on an in-depth ecological study, and it appears that most of them are merely on the basis of speculations. The present work is an attempt to compile the existing literature as well as first-hand information on the floral and faunal diversity, phonology, the valley's beautiful landscape, tourism, status of medicinal plants, structure of forest, and status of wildlife. The grazing controversy and conservation dilemma that is mainly based on speculative arguments, has also been addressed, with realistic data collected from the valley by the author. Besides, a comparative study on the status of medicinal plants across the various pressure zones (heavily grazed to protected areas), and the change in forest cover and composition due to historical use pattern, are also addressed in the book.





Flora of Assam
5 Vols.

Kanjilal, U. N., Kanji Lal, P.C and Das, A.
Flora of Assam 5 Vols.
Set. Rs. 5000.00

Rep.1991
pp. xc+2230

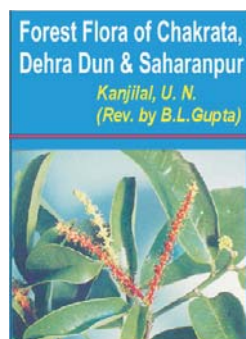
A comprehensive Flora of Assam as a botanical unit has 5 Volumes. Vol. I (Ranunculaceae to Anacardeaceae), Vol.II (Leguminaceae to Cornaceae), Vol.III (Caprifoliaceae to Labiate), Vol.IV (Nyctaginaceae to Cycadaceae) and Vol. V (Gramineae to Maydeae). In these volumes many families, genera and species including new ones of rare plants have been included from Assam and comprehensive description of their botanical excursion make an interesting and informative reading. The arrangement of families have been based mainly on Bentham's and Hooker's Genera plantarum which has been hitherto generally followed in this country. The present set is recommended for Botanists, Plant researchers, Plant museum Keepers and forester etc.

Kanjilal, U. N. (Rev. by B.L.Gupta)
Forest Flora of Chakrata, Dehra Dun & Saharanpur
Rs. 395.00 (TB)

(Pub.1928)
Rep.1998 pp. xviii+558

SUMMARY

The present book, being a revised and enlarged edition of the forest flora of the Siwalik and Jaunsar forest divisions, U.P. by U.N. Kanjilal, is the 3rd Ed. by Basant Lal Gupta. The alternations made in the present edition are firstly the inclusion of a number of woody plants known to occur in the area. Secondly, almost all species included in second edition which are not represented by specimen from the area covered by the flora, have been excluded. In the present edition 7 naturalized species have been added, viz., *Malvastrum coromandelianum*, *Indigofera tinctoria*, *cassia sophora*, *opuntia Dillenii*, *Argyreia*, *Roxburghii*, *Solanum torvum* and *Datura fastuosa*.



Kapoor, A.K. & Patra P. K.

Demography and Development Dynamics in a primitive Tribe of Himalayas

Rs. 795.00

(Pub.2009)
Pp. ix+229.
(ISBN: 81-7089-362-3)

The Himalayas is a land of abundant wealth

and presents a challenge and opportunity to various scientists and sports lover to prove their work. The great diversity of human populations and languages within the Himalayas has made the region exceptionally interesting. In this region dwells a vast number of tribes and castes, who have been earning a good deal of attention in recent times.

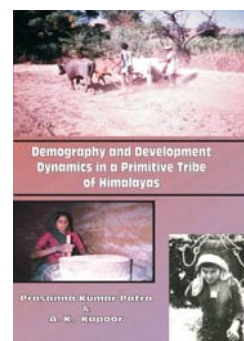
There are primitive tribes and scheduled tribes living in different regions of the Himalayas which are under the different processes of development.

At National and International level, it is assumed that there exists an important connection between population and development. It has been stressed at global level that the importance of small scale studies with anthropological perspective should be carried out to bring better results.

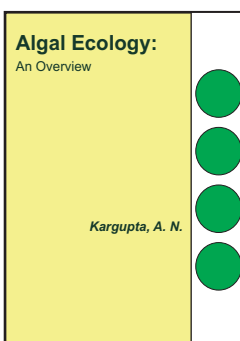
Keeping in mind a synergy between macro-level presumption and micro-level realities, it was felt for such information at micro level and to make some contributions towards furthering knowledge on demography vs. Development.

In such a back drop there is an urgent need to undertake comprehensive population dynamics studies among specific populations in specific regions. These intensive small scale studies are expected to be academically important to develop some methodological refinement and in enhancing knowledge of the intricacies of population dynamics and also interplay of various determinants influencing them. The present study tries to understand the interaction of demographic and development in a small and defined group with a holistic approach.

The book will be extremely useful to the demographers, development experts, social scientists, planners, administrators, welfare experts, academicians and public health experts.



SUMMARY



Kargupta, A. N.
Algal Ecology: An Overview
Rs. 1750.00

(Pub. 1995)
 pp. x+440
 (ISBN: 81-7089-206-6)

SUMMARY

This book consists of invited papers and review articles which deals with coverage of wide aspects in algal ecology.

Kaul, R. N.
Afforestation in Arid Zones

Rs. 1950.00

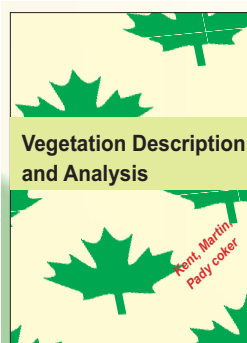
(Pub. 1970) Rep. 1989.
 pp. xi+435 (ISBN: 81-7089-102-7)

This book is comprehensive source of information on afforestation techniques in arid zones by suitably planning afforestation techniques such as selection of seeds both indigenous and exotic, soil. Working techniques and cultural operations in relation to harnessing otherwise uncertain and erratic rainfall, particular during the period when lack of the soil moisture is must felt and protection against disease and vertebrate pest in hot and cold arid zones. Study on climate, physiology, geology, hydrology, land use patterns, seedling studies, silvicultural characters, of trees and shrub species and their experimental aspects and results in discussed in full in this book by the leading authorities of the world. This is useful reference book to the scientists, researchers, forest officers, students, scholars and should be possessed by the libraries.

Afforestation in Arid Zones

Kaul, R. N.

SUMMARY



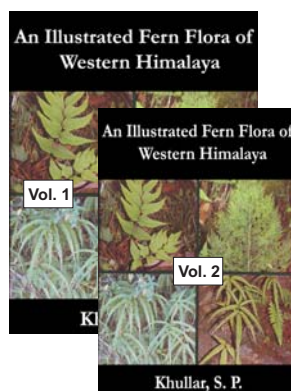
Kent, Martin
Vegetation Description and Analysis

Rs. 1950.00

(Pub. 1992)
 Rep. 1994, pp. 364.
 (ISBN: 81-7089-149-3)

The nature of quantitative plant ecology and vegetation science; The description of vegetation in the field; The nature and properties of vegetation data; Basic statistical analysis of vegetation and environmental data; Ordination methods I, 1950-70; Ordination method II, 1970-92; Phytosociology and Zurich-Montpellier (Braun-Blanquet) school of subjective classification; Numerical Classification and Phytosociology; Computer programmes for vegetation and environmental data analysis; Quantitative plant ecology, vegetation science and the future.

SUMMARY



Khullar, S. P.
An Illustrated Fern Flora of Western Himalaya

Set. Rs. 5000.00

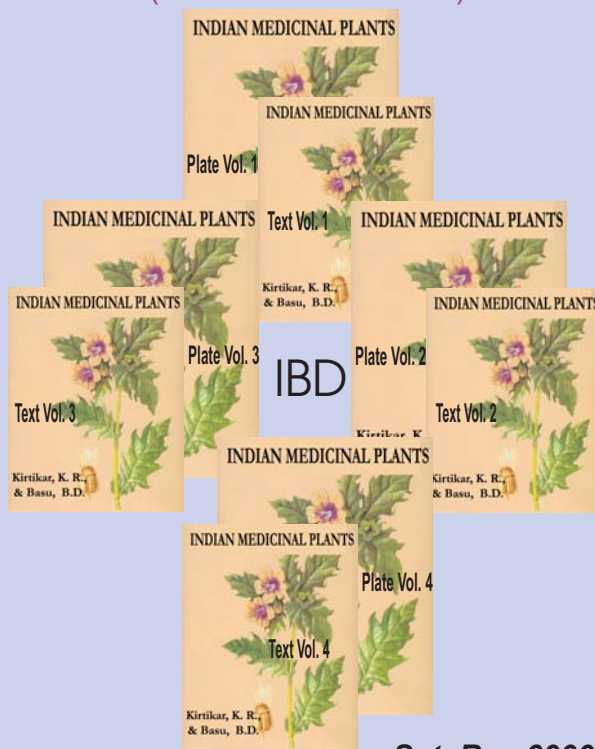
Vol. I pp. xxxx+506
 Vol. II pp. Liii+544

(ISBN: 81-7089-276-7)

SUMMARY

This work is the first illustrated account of the West Himalayan ferns. The first volume contains an account of 28 fern families and 172 species and 10 hybrids. Volume 2 contains account of 16 families and 164 species and 4 hybrids. The entire flora thus lists 360 ferns (Including 25 fern hybrids)

(ISBN: 81-7089-055-1)



Set. Rs. 6000.00

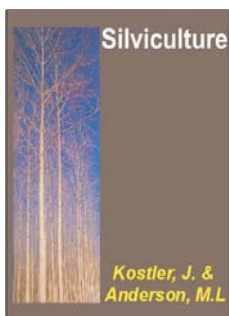
Kirtikar, K. R., & Basu, B.D.
Indian Medicinal Plants. 8 Vols.

Edited Revised, Enlarged and Mostly Rewritten by: E. Blatter, J. Caius and K.H. Mhoskar
(Pub.1935) Rep. 2003-2007,
Vols. 1-4 (Text) & Vols. 1-4 (Plates).
Text-Vol.1 pp. cviii+838,
Text-Vol.2 pp. cix- cxlii+839-1592,
Text-Vol.3 pp. cxliii-clxxx+1593-2393,
Text-Vol.4 pp. clxxxi-cxcviii+2394-2791.
Plates Vol.1pp. x+267,
Plates Vol.2 pp. viii+268-514,
Plates Vol.3 pp. viii+515-779,
Plates Vol.4 pp. X+780-1033.

SUMMARY

India has been bestowed by nature with many medicinal plants are used in Allopathic, Ayurvedic, Unani, etc., medicines. The book Indian Medicinal plants provides most authentic and valuable information on medicinal plants of India and its adjacent countries including Sri Lanka, Nepal, Bhutan, Pakistan, Bangladesh etc. Therefore, it will be useful to the botanists, researchers, Medicinal Practioners, drug cultivators/ collectors and those interested on the economic resources of India. The book is a reprint of the revised IInd Ed. of 1935. Vol. 1 to 4 (Text) 2791 pages and vols. 1-4 (Plates) 1033.Illustrations.

(ISBN: 81-7089-128-0) **Kostler, J. & Anderson, M.L.**



Silviculture

Rs. 1750.00

(Pub.1959) Rep.1990.
pp. xvi+416, illus

Part I. Chapter-1 The forest as a feature of the landscape and as a vegetation type; Chapter-2. The Effect of Environment on the tree and Forest; Chapter-3. The Forest trees; Chapter-4. Forest sociology; Chapter-5. Disturbance of the biocoenotic balance by man. Man as a Environmental Factor; Part II

Chapter- 6. Selection Forest as the ideal treatment Chapter-7. Tending the stands; Chapter-8. Regeneration of stands; Chapter-9. Miscellaneous silvicultural operations, Conclusion, Index.

CONTENTS

Kulshrestha, V.V.

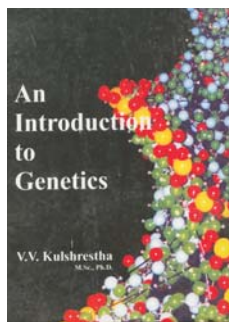
An Introduction to Genetics

Rs. 650.00 (TB)

(Pub.2002) pp. 560,
Many figures, Tables, Maps.

SUMMARY

The chapters Introduction, Mendelism, Cell Cycle, Sex and Chromosomes, Mutations, Ploidy, Genetics of Blood, Population Genetics, Developmental Genetics, Biometrics, Human Genetics Dermatoglyphics, The Indian Eugenics, Race and Species Formation and Biotechnology incorporate information and/or treatment to the subject not given in the hitherto published books on the subject.



(ISBN: 81-7525-388-6)

(ISBN: 81-7089-014-4)



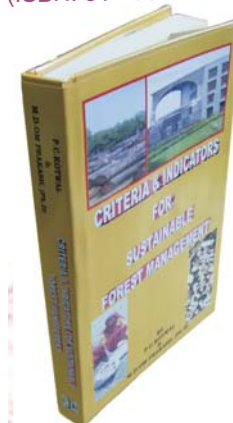
Knuchel, H

Planning and Control in the Managed Forest

Rs. 1350.00

Rep.1983
Pp. xvi-376, illus.

(ISBN: 81-7089-339-9) **Kotwal, P.C. & Omprakash, M.D.**



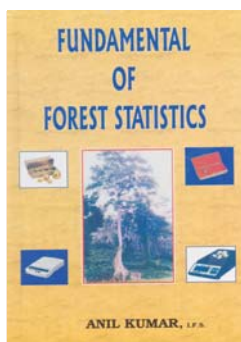
Criteria and Indicators for Sustainable Forest Management.

Rs. 950.00

(Pub.2007) pp.350.

SUMMARY

India is a growing economic power and is expected to grow at a sustained annual average rate of 7-8 % in first leg upto the end of current decade and at the rates of nearing 10% by the later period of the year 2010. At this critical phase of its development, the resilience of this democratic nation remains in its commitment towards sustainable development, and economic prosperity without damaging the environmental and natural fabric of the nation, which is necessary for the well being of its diverse masses. However, sizable proportion of population is dependent on natural resources including forests. Under the changing scenario of economic, socio-cultural and developmental scene, ensuring the sustainability of natural resources particularly the availability of limited forest resources becomes a challenge for the sector. Sustainable Forest Management (SFM) becomes the necessity for the country looking to the dependency of rural poor on the forests for their livelihood. SFM incorporates the technical, ecological and economic aspects of the forestry as well as addresses the socio-economic and livelihoods of forest dwelling communities. Criteria and Indicators (C&I) approach being adopted by as many as 159 countries for achieving SFM. The C&I framework helps to define the SFM and continuously monitor the various interventions made to improve the forests. The book is devoted on this important aspect of the forestry sector of India and it is the first attempt of its kind on the theoretical and practical aspects of C&I for SFM. This book has made an attempt to help young persons who are studying SFM and other forestry subjects at college or universities to understand the concept and upgrade their knowledge on the subject. Throughout the book the complex subject has been made simple to understand. Part I gives an overview of the SFM, C&I for SFM in India. Part II describes the Biodiversity conservation and sustainability, Part III devoted to Economic valuation of forest resources, giving note of existing system of forest resource accounting and distortion in it and also on the proposed forest resource accounting suiting to forestry situation in India. Part IV to VI discusses the issues of Forest certification and need, Forest monitoring and evaluation system, and National strategy for SFM.



Kumar, A.
Fundamentals of Forest Statistics
Rs. 700.00 (TB)

(Pub.2006)
pp.130

(ISBN: 81-7089-222-8)

CONTENTS

Preface, Part I Chapter-1 Some basic concepts and definitions; Chapter-2 Probability; Chapter-3. Presentation of data; Chapter-4. Analysis of data; Chapter-5. Measures of Dispersion; Part II Chapter-6 Normal distribution; Chapter-7 Standard errors of averages; Chapter-8. Students "t"; Chapter-9 Test of Significance; Chapter-10. Sampling; Chapter-11. Point sampling; Part III Chapter-12 Regression and correlation; Chapter-13. Fitting of curves.



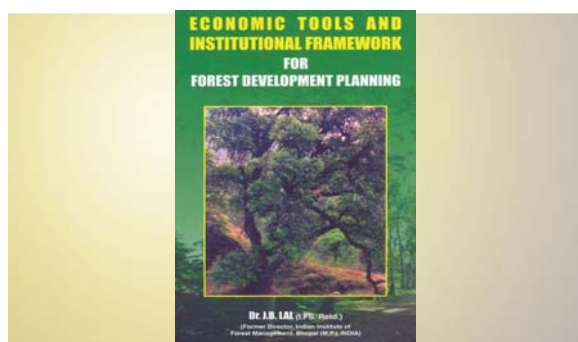
Lal, J. B.
Tropical Silviculture: New Imperatives, New Systems

(Pub. 2003)
pp.145.

Forest Management is multi-dimensional.

SUMMARY

The list of dimensions begins with 'ecological', and, perhaps, ends with political'. In various contexts, one or the other dimension assumes greater importance. Nevertheless, the silvicultural dimension remains a key dimension in any context. In the last few decades, there have been rapid changes in imperatives in forest management. If timber production was the primary object in forest management in nineteen-forties, biodiversity conservation is the main concern in nineteen-nineties. Unfortunately despite regular debate, the silviculture systems have not changed with the changing objectives. The work is an attempt to initiate for the new systems. The author's experience is limited to tropics, so are the discussions in the work.



Lal, J.B.
Economic Tools and Institutional Framework for Forest Development Planning
Rs. 750.00

(Pub.2005), pp. approx. 250.
(ISBN: 81-7089-326-7)

SUMMARY

Forest is a complex system not only on ecological dimension, but also on social, and economic dimension. and, there are different imperatives in their management from different levels of social organization. Forest sector planning is therefore, a complex task. The book is an attempt to present some tools for the development planning of the sector under new imperatives. The concept of the book was generated during the author's consultancy assignment from FAO, Rome, Italy.

Lal, J. B.
Environmental Conservation

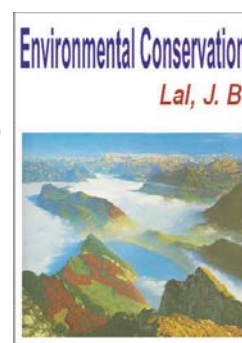
Rs. 450.00 (TB)

(Pub. 1987)
pp. xii+111

(ISBN: 81-7089-086-1)

CONTENTS

1. Environmental conservation: The scope and theory 2. Biotic regions 3. Man's record on Earth 4. Land, Water and Atmosphere 5. Pollution 6. Energy 7. Pollution, Poverty and environment 8. Rural and Urban landscaping 9. Environmental policy, legislation research and education in India 10. The outlook.



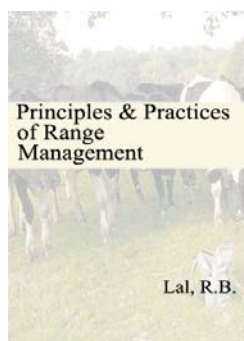
Lal, R. B.
Principles and Practices of
Range Management

Rs. 395.00 (TB)

(Pub. 1990)
 pp. viii+120

CONTENTS

1.General considerations
 2.Grass covers of India 3.
 Range condition classification
 4.range improvement (ISBN: 81-7089-062-4)
 5.Grazing management 6.
 Soil and water conservation measures 7.Range
 protection 8.Pasture establishment 9.Control of weeds
 10.Manuring of range land 11. Utilisation of forest
 resources 12. Forest grazing



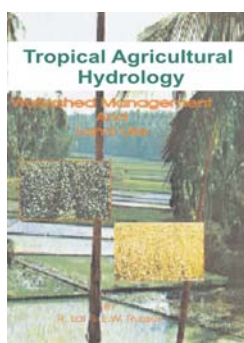
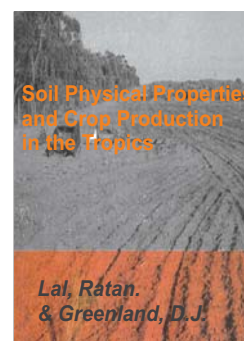
Lal, Ratan. & Greenland, D.J.
Soil Physical Properties
and Crop Production in the
Tropics

Rs. 3500.00

(Pub.1979)
 Rep.1989. pp. xiv+551
 (ISBN: 81-7089-104-3)

This book is intended as a reference work on the physical properties and management of soil in the tropics. For such regions, this book is the first of its kind. Different aspects of the constraints and their management are written by experienced researchers in the individual subjects areas. Soil physical properties, such as structure, water transmission, water balance, soil temperature regime, root growth, and crop performance are discussed in detail. In addition, a review of recent work in physical properties of tropical soils is presented with a critical appraisal of the methodology used.

SUMMARY



Lal, R. & Russell, E.W.
Tropical Agricultural
Hydrology : Watershed
Management and Land Use

Rs. 3500.00

(Pub. 1981) Rep1990.
 pp.xii+494

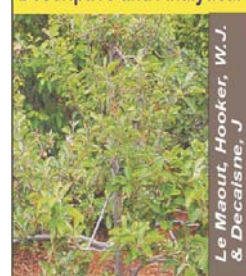
(ISBN: 81-7089-120-5)

CONTENTS

Part 1. Watershed management in the tropics
 Part 2. Ecological conditions in a forest
 ecosystem Part 3 change in and use and
 hydrological conditions Part 4 Management
 and catchments hydrology Part 5 Engineering
 structures Part 6 Estimating soil and water loss
 Part 7 watershed Modeling Part 8 Research and
 Development needs.

(ISBN: 81-7089-029-2)

General System of Botany:
Descriptive and Analytical



Le Maout, Hooker, W.J. &
Decaisne, J
General System of Botany:
Descriptive and Analytical

Rs. 4500.00

(Pub.1868)
 Rep. 1985. pp. vii+1066

CONTENTS

The book is in two parts, Part 1 deals with outlines of organography, anatomy and physiology and Part 2 deals with descriptions and illustrations of the order. A chapter of classification of plants and a synopsis of the classes, sub-classes, cohorts and orders have been given in the appendix. This book deals with monocotyledons but monocotyledons and Cryptogams have been dealt with in greater details. Many monocotyledons and cryptogams have been detached from large groups so as to give them greater prominence. Botanist, Students, Research scholars and professionals in the field of Botany , Agriculture and Forestry will find this most useful.

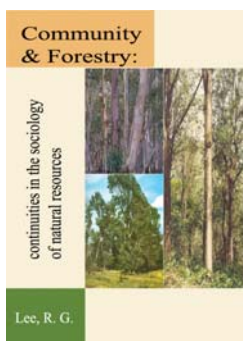


Lange, W. Zevan, A.C. &
Hogenboom, N.G.
Efficiency in Plant Breeding

Rs. 1500.00

(Pub.1984) Rep. 1990.
 Pp.383 with figs.

(ISBN: 81-7089-125-6)



Lee, R. G., Field, D.R. & Burch, W.R.
Community and Forestry: continuities in the sociology of natural resources

Rs. 1250.00

(Pub.1990)
 pp. xiv+301
 (ISBN: 81-7089-130-2)

SUMMARY

This book is about the relationship of human communities to forest environments. Resource management issues are human problems that can only be solved with social science knowledge in combination with knowledge from the other sciences. The utilization of these different types of knowledge within the resource management arena depends upon the establishment of a partnership between scientist and managers. Sound management requires agreement on what information is pertinent, how information should be collected, and how information should be employed in decision making. Many applied science volumes in sociology, anthropology, and political science deal with communities, but this volume is original in its exclusive attention to forest depend communities. Community and Forestry: continuities in the sociology of natural resources represents the beginning of a new branch of an old intellectual tradition in applied social science.



Lisboa, J. C.
List of Bombay Grasses & their uses

Rs. 675.00

(Pub.1896) Rep.1979,
 pp vii+142, plates, 75

This volume contains a comprehensive study of grasses which are found in and near by Bombay. Author has also described the occurrence and cultivation in

SUMMARY

different climatic conditions, their identification, and Botanical nomenclature with habits and the uses of grasses.

Luna, R. K.
Plantation Forestry in India

Rs. 1500.00 (TB)

(Pub.2006) pp. 519

SUMMARY

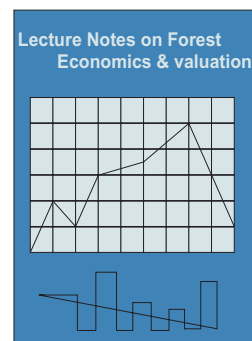
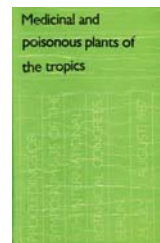
"Plantation Forestry in India" is marvelous piece of work after "General Silviculture for India". The volumes contains all the essential information needed by a plantation manager or a Forester to take up large scale plantations of any kind in any situation. Literature on

Leeuwenberg, A.J.M.
Medicinal and Poisonous Plants of the Tropics

Rs. 595.00

(Pub. 1987) Rep. 1988. pp. 152

(ISBN: 81-7089-098-5)



CONTENTS

Lecture Notes on Forest Economics and valuation

Rs. 495.00TB

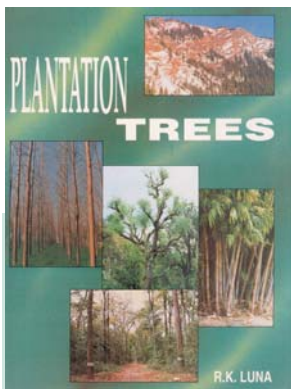
(Pub. 2001) PP. 210

I Introduction; II Theory of consumer behaviour-I; III Theory of consumer behaviour-II; IV Demand, Supply and pricing of major forest products; V Theory of production and costs-I Production, Cost and Firm; VI Production and Cost II Timber production economics; VII Market structure and price; VIII Stump age price and appraisal; IX Timber production and the role of Time; X Economics and Non-Wood Forest Products and multiple use; XI Planning and analysis of Forestry projects.



(ISBN: 81-7089-101-8)

establishment techniques of Plantations has been surveyed and put together at one place, for the benefits of the Foresters. Indeed, it is a comprehensive account on indigenous plantation practices. Written in a lucid and simplistic style, the book is a pride for everyone who loves forests, professes forestry, and is involved in national building task. The issues confronting the today's forester's have been discussed and solutions sought supported by abundant data and realistic examples.



Luna, R. K.
Plantation Trees
Rs. 4000.00 (TB)

(Pub.2006)
 pp. x+975

(ISBN: 81-7089-235-X)

This book provides useful information needed by a forester to grow tree under a gro-forestry,

SUMMARY

industrial, fuel wood and avenue plantation systems. It provides a comprehensive account on the establishment techniques, management practices and utilisation aspects of the species. The book gives distilled information on 200 important commonly grown, multiple-use indigenous as well as exotic tree species supported with illustrations and abundant data and latest research findings. The book would be of immense use to foresters, soil conservationists, environmentalists, planters and agri-silviculturists alike.



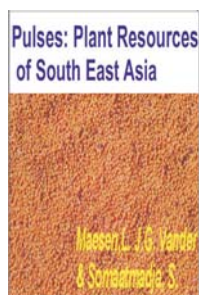
Mackintosh, L. J.
Birds of Darjeeling and India
Rs. 750.00

(Pub. 1915) Rep.1986
 pp. iv+226

Maesen, L. J.G. Vander & Somaatmadja, S.
Pulses: Plant Resources of South East Asia

Rs. 750.00

(Pub.1989)
 Rep 1993 pp. 108
 (ISBN: 81-7089-150-7)



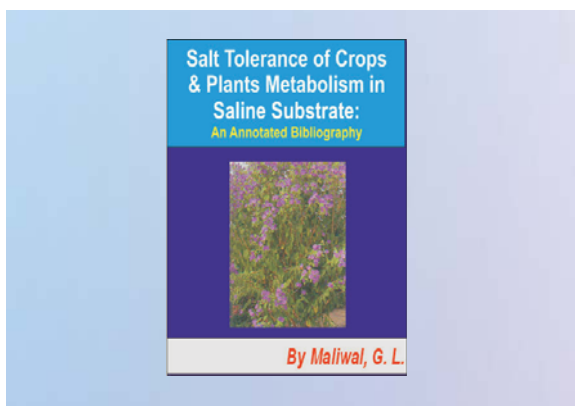
Luna, R. K.
Principles & Practices of Forest Fire Control
Rs. 1500.00(TB)

(Pub.2007)
 pp.480.

(ISBN: 81-7089-342-9)

SUMMARY

Though recurrent fires cause a great harm to the structure and the functions of the forest ecosystems, wildlife and biodiversity, and economic wealth, they had not been given an appropriate place in the forest management schemes of India. Fires still annihilate millions of hectares of forest area annually causing irreparable damage to the plantations, raised of a considerable cost and effort. Forest fires in India are still fought with age-old methods, when systematic modern fire management techniques and methods are followed in rest of the World. This book after presenting a comprehensive overview of the fire history in India, enlists the current faces and dimensions of the fire problem and explores the causes and effects of fires on the forest watersheds, productivity and national economy. The unpredictable fire behaviour due to variable weather and fuel elements has been discussed with respects to fire size, fire shape, fire growth, fire frequency, and fire intensity. Various principles and practices of fire control measures have been dealt under fire prevention, fire suppression activities and fire suppression, along with tools and mechanised equipment used for the purpose. As more than ninety percent of the fires in the country are caused due to incendiary reason, fire prevention strategies through education, silviculture and management including Joint Forest Management have been given due consideration. A Strong case has been made to develop a fire-danger rating system for India's forests, to frame a fire policy for India and to fight the fires aggressively and timely when they are still small in an organised way. In due recognition of the role of fires in serving ecological functions, the methods and application of prescribed fires have been discussed at the appropriate level. Numerous research findings, case studies, diagram and photographs have been included in the text alongwith on extensive bibliography.



Maliwal, G. L.

Salt Tolerance of Crops and Plants Metabolism in Saline Substrate

Rs. 550.00

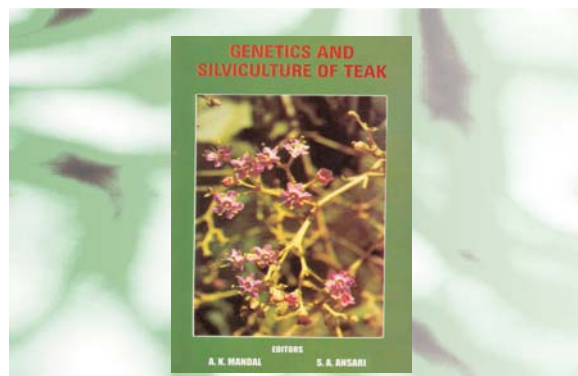
(1940-1980)

(Pub.1982)

Pp. 197

SUMMARY

The book has been divided into two parts. Part A Deals with the salt tolerance of crops. The crops are grouped into cereals, millets, pulses, oilseeds, narcotics, fibre crops, sugar and starch crops, forages crops and grasses, vegetables crops, fruit crops, ornamental plants and trees. Part B deals with plant metabolism in saline substrate covering photosynthesis, respiration, enzymes, proteins, amino-acids and chlorophyll. The coverage includes 15 languages with 640 abstracts, covering original research papers, reviews, proceedings, etc, during a period of last 40 years from 1940-1980.F



(ISBN 81-7089-281-3)

Mandal, A. K. Ansari, S. A.

Genetics and Silviculture of Teak

Rs. 1350.00

(Pub.2001) pp. vi+ 228

SUMMARY

This book consists 15 chapters and deals with various aspects of genetics and silviculture of teak that highlight present scenario and silvicultural management of natural forest/plantation (Chapter 1-2), production of improved planting stock (Chapter 3-5), nutrient cycling in forest ecosystem (Chapter 6), an efficient tree component of agro-forestry system (Chapter 7), theory and practice of its improvement (Chapters 8-12), insect pests and diseases in nursery and plantations (chapter 13-14) and economics of its cultivation (Chapter 15).

Mather, A. S.

Global Forest Resources

Rs. 1595.00

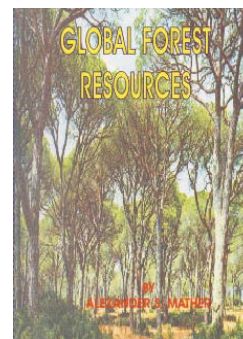
(Pub.1990) Rep.1991. pp. x+341

CONTENTS

Introduction; The Forest resource base; Historical perspectives on forest resource use; the extent and distribution of the resource; the control and management of the resource; the use of the forest resource; the Forest resource and the environment; the Tropical forest; People and polices; Review; References, Index.



(ISBN: 81-7089-153-X)



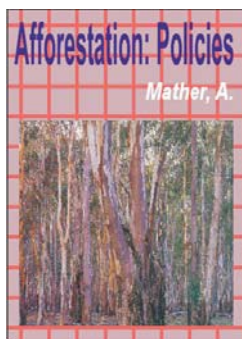
Mather, A.

**Afforestation: Policies,
Planning & Progress**

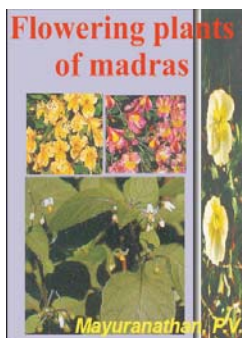
Rs. 1100.00

(Pub.1993) Rep 1993 pp. ix-233, Many Figs and Tables
(ISBN: 81-7089-137-X)

1) Introduction; 2) Afforestation in Britain; 3) Afforestation in the Republic in the Ireland; 4) Afforestation in Denmark; 5) Hungary; 6) Afforestation policy and Practice in Spain; 7) Afforestation in Algeria; 8) Afforestation in China; 9) Forest plantation in Chile: a successful model?; 10) New Zealand: afforestation policy in ears of state regulation and deregulation; 11) Reforestation in Australia; 12) Modern development of afforestation in Japan: Process and results; 13) Afforestation: the United States; 14) Review



CONTENTS



Mayuranathan, P.V.
**Flowering Plants of Madras
City and its immediate
neighborhood**

Rs. 2500.00

(Bulletin of the Madras
Government Museum)
(Pub.1929) Rep. 1981.
pp. 345, Plates xxxviii

SUMMARY

This volume deals with description of families, genera and species of flowering plants which are found in wild as well as in cultivated stage with illustrations. The region covered includes not only the city of Madras but also the country around it for several miles. Plants found at Ennur, Avadi, Pallavaram, Vandalur and Covelong have also been included. Author has also mentioned in this volume Index to english name, index to Telugu names, and index to Tamil names.

CONTENTS

Introduction; Key to Families and Aberrant genera; Description of families, Genera and species; Index to English names; Index to Tamil Names; Index to Telgu Names and Plates.



(ISBN: 81-7089-030-6)

Mc' Lelland J. & Griffth, W.

Calcutta Journal of Natural History, (5 Vols. Set.)

Set. Rs. 10,000.00

(Pub. 1929)

Rep. 1985.

SUMMARY

This work deals with comprehensive descriptions of fossil shells, poisonous fossils, birds, Mammalia, Reptiles, Remarks on plants and medicinal plants from India and abroad, Experimental researches in electricity, metallic poisonous substance upon vegetation on the chemical relations now subsisting between plants and animals with reference to those which have subsisted in former ages, analysis of sugar cane and to the manufacturing of sugar. It is not an idle task to cast a retrospective glance to ages for beyond human ken, or to try to discover the physical and chemical causes which then regulated the production and maintenance of animals and vegetables life. The author has drawn legitimate conclusions, from the order of their occurrence, regarding several grand eras in the history of the world. These inferences have been deduced from external characters possessed by animals and plants, occurring particulars of formations, and by the application of analogical reasoning he has shown what must have been the aspect of the fact of nature when these plants and animals existed. The whole work is done by the renowned and authorities on the subjects, so it will be very useful to the researchers, scientists working in the field of Agriculture, Botany, Forestry, Geology, Engineering, Physical sciences,

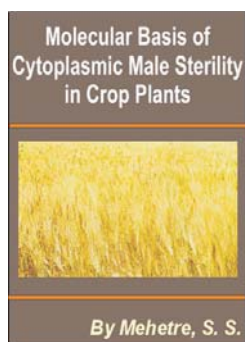
Mehetre, S. S.
Molecular Basis of
Cytoplasmic Male Sterility
in Crop Plants

Rs. 595.00

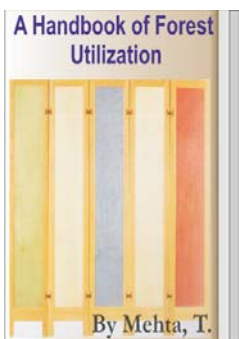
(Pub 1995) pp.196

(ISBN: 81-7089-208-2)

1 Introduction 2.1 Graminae 1.1 Maize (*Zea mays*) 2.1.1 Sorghum (*Sorghum bicolor*) 2.1.3 Pearl Millet (*Pennisetum americanum*) 2.1.4 Rice (*Oryza sativa*) 2.1.5 Wheat (*Triticum aestivum*) 3.11 Solanacea 11.1 Tobacco (*Nicotiana tabacum*) 11.2 Petunia (*Petunia* spp.) 11.3 Tomato: (*Lycopersicon esculentum*) 4.11 Compositae 111.1 Sunflower: (*Helianthus annuus*) 5.IV Umbelliferae IV.1 Carrot: (*Daucus carota*) 6.V Cruciferae V.1 Cruciferae Species 7.VI Chinopodiaceae VI.1 Sugar Beet: (*Beta vulgaris*) 8. VII Papilionaceae VII .1 Broad Bean: (*Vicia faba*) 8.VII Papiionaceae VIII.1 Plantaginaceae VIII.1 Ribwort Plantain (*Plantago lanceolata*) 10. IX Malvaceae IX.1 Cotton: (*Gossypium hirsutum*) 11.X Liliaceae X.1 Chive: (*Allium schoenopresum*) 12.XI Onagraceae XI.1 Hairy willow weed: *Epilobium hirsutum* 13. Summary 13.1 Mechanisms of CMS 14 Conclusion 15 References.



CONTENTS



Mehta, T.
A Handbook of Forest
Utilization

Rs. 850.00 (TB)

(Pub.1981)
 pp.vii+298

The subject of forest utilization deals principally with the process of harvesting, converting, disposing and utilization of forest produce and other sources of forests. The

need for a book on the subject has long been felt. The author, who has a long teaching experience, has written a comprehensive book taking into account the needs for a course of instruction in various utilization aspects of forest products. The book will not only be an essential text for forests college and university students, but will also be invaluable to the practising and professional forester.

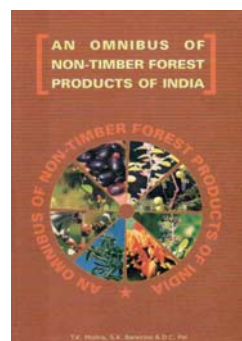
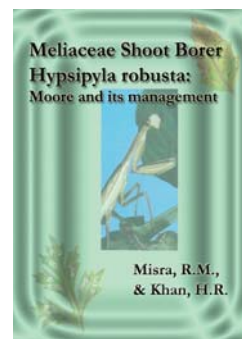
SUMMARY

Misra, R.M., &
Khan, H.R.
Meliaceae Shoot Borer
Hypsipyla robusta: Moore
and its management

Rs. 1200.00

pp110 & 10 color plates
 (Pub. 2004)

(ISBN: 81-7089-316-X)
 (AFRI. Vol.27, special
 Volume)



SUMMARY

Mishra, T. K., Banerjee, S.
K. and Pal, D. C.,
An Omnibus Of Non-Timber
Forest Products Of India
Rs. 1500.00

(Pub. 2004)
 pp.viii+346.,
 24 color plates and 5 figures.

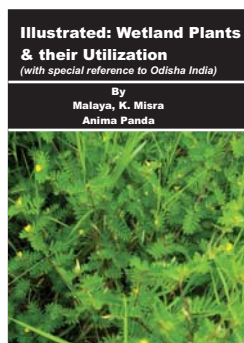
(ISBN: 81-7089-314-3)

This book is a depictive account of the major Non Timber Forest Products (NTFPs) of India, which provide livelihood support to millions of Indians. The study of NTFPs was a neglected chapter in Indian science in recent past. In this book an attempt has been made to cover all the important aspects of NTFPs that are available in India. The aspects of NTFPs, which needed immediate attention of NTFP managers, field workers and researchers have been dealt in a manner to provide maximum available information to the readers. Along with botanical descriptions of individual NTFP yielding species phenology, distribution with particular reference to India, present status and uses of species have been provided. It also analyses carefully different policy matters regarding NTFPs and their social relations with instances from case studies. This information will act as a ready reckoner for foresters and ecologists working in the field of NTFP ecology. This publication may fulfill the need of a textbook on NTFPs and may be used in various universities and institutes offering masters and postgraduate diploma degrees in Forestry and allied fields.

Misra, M.K., Panda, A.
ILLUSTRATED WETLAND
PLANTS AND THEIR
UTILIZATION: (With Special
Reference To Odisha,
India)

(Pub.2011) **Rs. 1500.00**
 pp. xi+313.
 (ISBN: 81-7089-369-0)

1. Introduction; 2. Wetlands- An Overview; 2.1. Introduction; 2.2. Definition; 2.3. Types of wetlands and their classification; 2.4. Distribution of wetlands and wetland area; 2.5. Function and value of wetlands; 2.6. Threat to wetlands; 2.7. Wetlands conservation and management; 3. Biodiversity of Wetland Plants of South Odisha; 3.1. General Account; 3.1.1. Area, Topography and climate; 3.1.2. Botanical exploration in the past; 3.1.3. Present collection & presentation of the data; 3.1.4. Statistical analysis of the wetland flora; 3.1.5. Distribution of taxa in south Odisha; 3.1.6. Grouping of plants according to their habit; 3.1.7. Endemic, rare and endangered aquatic plants of south Odisha; 3.2. Systematic Account; 3.2.1. Key to the families of flowering plants; 3.2.2. Enumeration of Plants; Dicotyledons; Monocotyledons; 4. Wetlands Plant Resources of south Odisha; 5. Bibliography; Index; 6. Colour Plates.



SUMMARY

It is hoped that the present book would meet the needs of the many botanists, foresters, geologists, agriculturists, herbal healers (vaidyas) and plant based industries. We are also hopeful that it would also increase botanical activities in the region and generate public interests in the wild plants leading to reorganization and protection of rare and endangered species. In spite of vital ecological role played by tropical wetlands and important subsistence livelihood support to many rural people in the developing countries, the wetlands along with its vegetation have been neglected for a very long period. They are increasingly threatened by various anthropogenic activities. In India, rural people get several types of economic benefits including the medicinal plants from the wetlands, but are not aware of the consequences of the rapid vanishing and destruction of wetland ecosystems.

The region covered in this book is South Odisha consisting of seven districts in the eastern part of Peninsular India. The region is economically under developed. Geographically and physically the region is diverse and extends from the coast to interior hilly tracts, covering a part of the Eastern Ghats of India. The region has not been floristically explored well and the wetland areas are totally neglected. In this book the floristic as well as the plant resources utilization aspects have been emphasized.

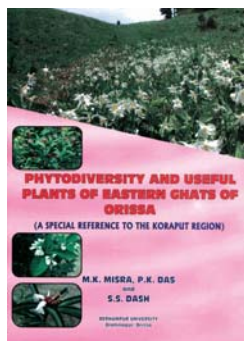
The present book deals with 294 aquatic and wetland plants of South Odisha. This is not an exhaustive account of the total floral diversity of the wetlands of South Odisha but we have tried to include all available wetland plants of the region.

Information on the traditional uses of wetland plants by the local people are also collected as far as possible and are incorporated in a separate chapter. For the benefit of the readers, a separate chapter has been included that gives a general idea of the wetlands especially their distribution, threats, conservation and management with reference to India.

The book is fully illustrated with colour plates that would help identification of wetland plants by the common people as well as plant lovers and plant taxonomists.

The authors are indebted to the Ministry of Environment and Forests, Government of India for financial assistance in the form of a research project. We are thankful to the local people who without hesitation have provided the information on the traditional uses of the plants. The help rendered by the officials of the Forest Department of the State, Government during the field studies is also thankfully acknowledged. During the field study and preparation of the book, Sri Deenabandhu Sahu and Sri Rama Chandra Sahoo, the research scholars of the Ecology and Floristic Laboratory, Berhampur University have extended their cooperation for which we are thankful to them.

Finally, we hope that the book would be helpful to the students, researchers, common people, plant taxonomists, botanists, herbal healers and wetland managers.



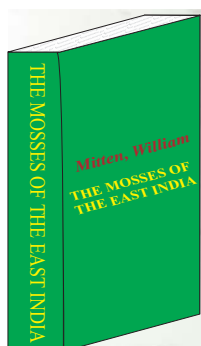
M.K. Misra, P. K. Das, S. S. Dash
PHYTODIVERSITY AND
USEFUL PLANTS OF
EASTERN GHATS OF
ORISSA

Rs. 1250.00
 (Pub.2009)
 pp. x+393.

(ISBN: 81-7089-361-5)

SUMMARY

The book deals with 581 species available and its indigenous uses in Koraput region. The enumeration is mainly based on the Bentham & Hooker's (1862-1883) classification and subsequent delimitation of families under Cronquist's (1968) classification. Under each family the genera and species were alphabetically arranged with a short keys for enabling easy identification. Up dated information available on nomenclature for the taxa studied along with the basionym and synonyms, followed by a short description, phenological data, the notes on distribution in the collected area along with the usefulness of the plants, if any.



Mitten, William
**Journal of the Proceedings of
 Linnean Society: Supplement to
 Botany Vol.1. Containing
 THE MOSSES OF THE EAST
 INDIA.**

Rs. 650.00

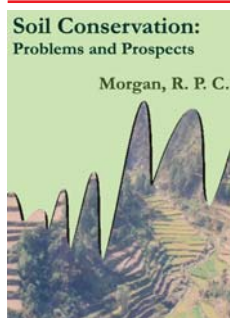
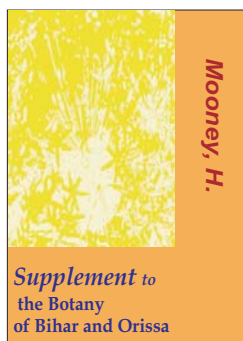
(Pub. 1859) (Rep.ed.)
 pp.1-171.

Mooney, H.
**Supplement to the Botany
 of Bihar and Orissa**
Rs. 450.00

Rep. 1986. pp. 308
 (ISBN: 81-7089-041-1)

CONTENTS

Introduction; Diocotyledons;
 Monocotyledons; Vascular
 Cryptogams; Gymnosperms;
 Appendices.



Morgan, R. P. C.
**Soil Conservation: Problems
 & Prospects**

Rs. 3500.00

(Pub.1981)
 Rep.1990 pp. xvi+576,
 (ISBN: 81-7089-121-3)

This volume is based on the
 proceeding of a conference.
 The papers presented in this
 volume provide an up-to-date
 assessment of soil
 conservation measure

stressing the problems of applying these measures in
 practice and the possible solutions. Four themes are
 covered: the use of erosion risk assessments and land
 classification in soil conservation design; empirical
 studies of soil conservation measures, the inclusion of
 conservation practices in erosion models, an
 economic, social and legal aspects of soil
 conservation.

SUMMARY

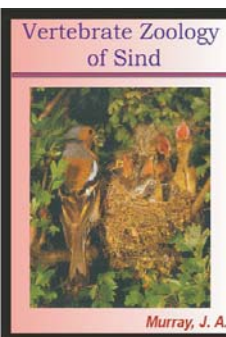
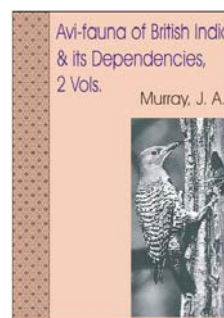
Murray, J. A.
**Avi-fauna of British India and
 its Dependencies,**
 2 Vols.

Rs. Set. 3500.00

(Pub. 1980)
 Rep.1984 Vol.1 pp. 365, Vol.2
 pp.866
 (ISBN: 81-7089-020-9)

A systematic account, with
 description of all the known
 species of birds inhabiting
 British India observations on their habits,
 identification, tables of their geographical
 distribution in Persia, Baloochistan, Afghanistan,
 Sind, Punjab, North West Provinces, and the
 peninsula of India generally.

SUMMARY



Murray, J. A.
Vertebrate Zoology of Sind
Rs. 1250.00

(Pub 1884)
 Rep.1988. pp.xvi+424
 (ISBN: 81-7089-058-6)

This book deals with four
 vertebrate classes, viz.,
 Mammals, Birds, Reptiles
 and Amphibians of Sind, as
 well as of the Punjab, N-W.
 Provinces, Baloo chist-
 an, Persia and the Western Presidency.

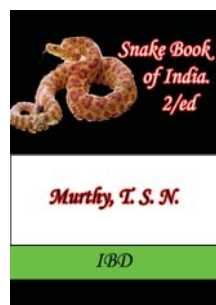
SUMMARY

Murthy, T. S. N.
Snake Book of India. 2/ed.
Rs. 395.00

(Pub. 1990) pp.115 ,
 With figs.& Plates.
 (ISBN: 81-7089-049-7)

CONTENTS

Part I Non- venomous snakes;
 Part II Venomous snakes

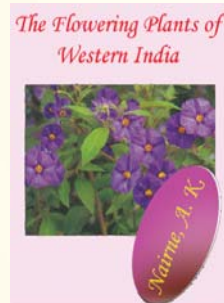


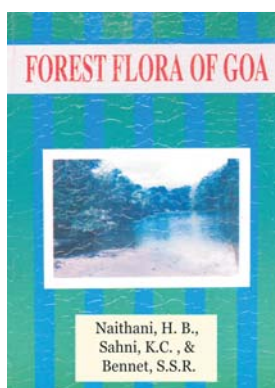
Nairne, A. K.
The Flowering Plants of Western India
Rs. 795.00

(Pub.1881) Rep.1987. pp xvii- 401

SUMMARY

This is a concise Regional flora in one of the earliest such Indian floras as
 appeared after Hooker's flora of British India. The area covered is mainly
 Western Ghats and adjacent region. Descriptions of plants are in easy technical
 language accompanied by Vernacular/ English names distribution economic
 uses and personal observations of the author. Easy definitions of plants and an
 outline of Bentham and Hooker's classification are given.





Naithani, H. B., Sahni, K.C. and Bennet, S.S.R.
Forest Flora of Goa

Rs. 2500.00

(Pub. 1997)
 pp. 666, with Figs.

(ISBN: 81-7089-242-2)

SUMMARY

In the year 1961 Goa was taken from Portuguese who ruled it for 450 years. State of Goa has scenic beauty, and visited by many Indians and foreigners of whom several are interested in Wild plants. There is need, therefore, of a complete modern forest flora of Goa. After extensive and intensive field - work carried by the authors the present flora is an attempt to meet this need. In this work 496 species of plants belonging to 291 genera are arranged. Beside that 82 exotic woody species introduced have also been mentioned. Each species carries its latest nomenclature with Synonyms, English/ Trade names, Local and Portuguese names and also its name in the book Hortus malabaricus. Description, phenology, general distribution and uses of Plants have been provided. Outside India many books have been published with beautiful illustrations. In India few such books are available. Considering this aspects 132 beautiful line drawings have been provided for easy identification.

Books By Dr. S. S. Negi

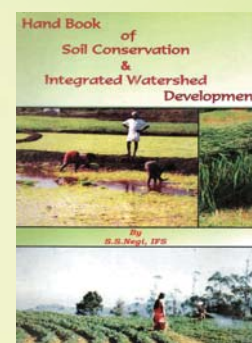
Handbook of Soil conservation & integrated watershed development

Rs. 795.00

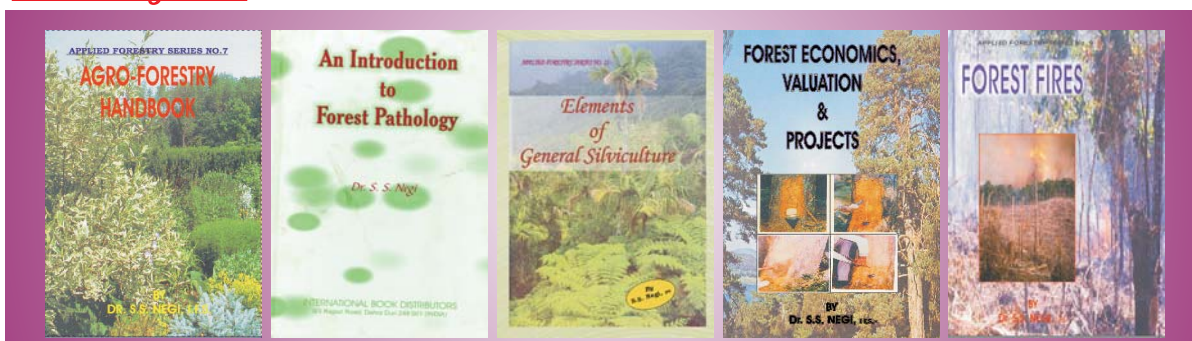
(Pub. 2007)
 PP. 252

(ISBN: 81-7089-242-2)

SUMMARY



This book covers various topics on soil conservation and integrated watershed management. It includes chapters on soil erosion; land capability classification; bunding, terracing and diversions; prevention and control of gullies; control of wind erosion; agronomic practices in soil; agriculture; horticulture; fodder and livestock development; landslides and their control; range management: grasslands of India; water harvesting; integrated watershed management and participatory approaches.



Agro-forestry Handbook. (A.F..Series. No.7.)
Rs. 650.00 (TB)

(Pub. 1999) pp. 208
(ISBN : 81-7089-266-X)

SUMMARY

This is a text-book on Agro-forestry as applicable to South Asia. It contains chapters on traditional Agro- Forestry, Agro-Forestry systems, Agro-Forestry in India; Agro-Forestry Tree species, Agro-Forestry management, Diseases of Agro-Forestry, Utilisation and processing of Agro-Forestry Products, marketing and trade, and issues in Agro-Forestry.

Elements of General Silviculture. (A.F.Series. No.13.)

Rs. 850.00 (TB)

(Pub. 2003) pp. 312
(ISBN: 81-7089-092-6)

SUMMARY

This book deals with general and plantation silviculture and is based on Champion and Seth's "General Silviculture". It covers introduction to the forest, to locality factors, forest influences, forest succession, major forest types of India, natural and artificial regeneration and tending.

Forest Economic Valuation and Projects. (A.F.Series. No.3.)

Rs. 850.00 (TB)

(Pub.1998) pp. 281
(ISBN : 81-7089-250-3)

SUMMARY

The book contains chapters on the basic principles of economics; general economy of India; Forest resources and products; marketing; economics of forest lands; forest valuation; forest labour; role of forestry in socio-economic development and forestry projects.

An Introduction to Forest Pathology. (A.F. Series. No.19.)

Rs. 800.00 (TB)

(Pub.2002.) pp. 238
(ISBN: 81-7089-240-6)

CONTENTS

Introduction; Nutrition in fungi and Mycorrhiza; Disease, cause, symptoms and signs; Principles of prevention and control of forest disease; Physiological diseases; Nursery disease-Damping off; Heart Rots; Root diseases; Seed pathology; Plant quarantine; Timber decay and protection; Disease of Deodar; Disease of fir and spruce; Disease of chir pine; Disease of Blue pine; Diseases of tropical pines; Diseases of Teak; Diseases of Sal; Diseases of Shisham; Disease of Khair; Diseases of wattles; Diseases of Semal; Diseases of Neem; Diseases of Sandal wood; Diseases of Rosewood; Diseases of *Casuarina*; Diseases of *Populus*; Diseases of *Euclayptus*; Diseases of Rubber tree; Diseases of Cashew; Diseases of Bamboos; Bibliography.

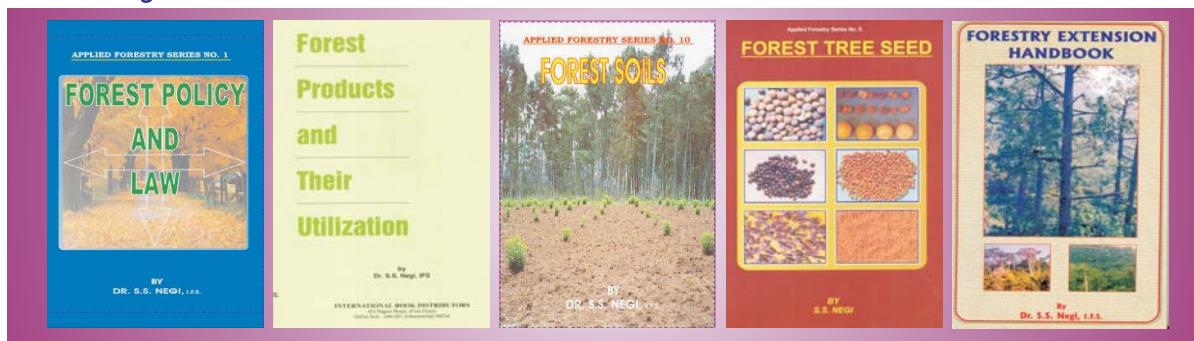
Forest Fires. (A.F..Series. No.9.)

Rs. 650.00 (TB)

(Pub.2000) pp.165
(ISBN : 81-7089-290-2)

SUMMARY

This book covers chapters on combustion; fire as a management tool; types and causes of forest fires; prevention and detention; fire control and extinguishing; machines and devices; aerial methods; artificially induced rain; forestry extension; participatory fire management and fire management plans.



Forest Policy and Law. (A.F.Series. No.1.)

Rs. 800.00 (TB)

(Pub. 2007) Rep 2007 pp. 261
(ISBN: 81-7089-244-9)

CONTENTS

1) Forestry administration and organization; 2) Forest policy: an introduction; 3) Forest policy of 1894; 4) National Forest Policy, 1952; 5) National Forest Policy, 1998; 6) Forest Law : an introduction; 7) Rights and property; 8) Rights and concessions in forests; 9) Early developments in Forest law; 10) Indian Forest act of 1927; 11) Wildlife (Protection) Act of 1992; 12) Forest (Conservation act) 1980; 13) New Draft Forest Bills; 14) Criminal Law; 15) Law of evidence Reference.

Forest Soils. (A.F.Series. No.10.)

Rs. 750.00 (TB)

(Pub. 2000) pp 221
(ISBN : 81-7089-284-8)

CONTENTS

Introduction; Physiographic of India; Minerals and Rocks; Soil Genesis; Soil Profile and soil classification; Physical and structural properties; Soil air and water; Soil Organisms; Soil Chemistry; Soil Nutrients and Organic matter; Organic manures and fertilizers; Soil management; Soil of India; Land capability classification; Soil erosion and its control; Geo Botany of India; References.

Forestry Extension Hand book. (A.F.Series No.16.)

Rs. 650.00 (TB)

(Pub. 2007) pp. 173
(ISBN: 81-7089-199-X)

SUMMARY

This handy book consists information on the various aspects of forestry extension-methods, organisation; communication processes; planning campaigns; development of programs; procedure in program execution; individual and group extension methods; mass media; evaluation; training; social forestry and extension and example of forestry extension in India.

Forest Products and their Utilization (A.F.Series. No.11.)

Rs. 800.00 (TB)

(Pub.2002) pp. v+ 285

(ISBN: 81-7089-288-0)

SUMMARY

This book deals with the forest products and their utilisation, with special reference to India. It has been compiled from various published and unpublished sources including the authors previous publications. Hence no originality is claimed. It will be useful for foresters, students, scientist, naturalists, economists and even the layman.

Forest Tree Seeds. (A.F.Series No.5.)

Rs. 795.00(TB)

(Pub.2006) pp. 206
(ISBN : 81-7089-261-9)

SUMMARY

This book covers chapters on natural regeneration; seed structure; Development and classification; Seed Production; Seed Origin; Seed Collection; Seed extraction and cleaning; Seed storage; Disease and insect/Pests of seeds; Seed dormancy; Chemistry of Seed; Germination and Stimulation; Seed testing and purity analysis; determination of Origin; Germination testing; Seed certification; Tree improvement; Tree seed research and non-germinative uses of Forest tree seed.

Dr. S. S. Negi contd.

Handbook of Forest Ecology and Biology.

(A. F. Series. No.17.)

Rs. 895.00 (TB)

(Pub.2004), pp. 268 **SUMMARY** (ISBN: 81-7089-146-9)

This is the handbook on the various aspects of forest ecology and biology. It deals with abiotic components; forest ecosystems; communities; succession; production; ecology; physiology of stress environment; Forest types of India; systematic botany; tree improvement; ecology and biology of wildlife; principles and techniques of wildlife management; rare and threatened animal species; wildlife conservation; and rare and threatened plants. This book will be handy for foresters, students, and naturalists.

Handbook of Forest Engineering. (A.F.Series. No.15.)

Rs. 895.00 (TB)

(Pub.1994) pp. 420 **SUMMARY** (ISBN: 81-7089-212-0)

This book is the text on forest engineering as per the prescribed syllabus for IFS, SFS and Forest rangers training courses. It includes Theory, Practical, and Numerical for officer trainees and students. This book will also serve as a handy reference manual for forest officials working in the field.

Handbook of Forest Protection. (A.F. Series. No.18.)

Rs. 895.00 (TB)

(Pub.2006) pp. 274 **SUMMARY** (ISBN: 81-7089-234-1)

This book is on forest protection of forest from adverse climatic factors, human beings, animals, plants, diseases and insect pests. The causes and preventive and remedial measures with respect to different adverse influences have been discussed in detail.

A Handbook of Social Forestry. (A.F. Series. No.12.)

Rs. 695.00 (TB)

(Pub.1986) pp.178 **CONTENTS** (ISBN: 81-7089-037-3)

1. Introduction; 2. Depletion of Forests; 3. Constraints for social forestry FIB, SCIP, LOCO, LOPA; 4. Urban forestry; 5. Commercial Farm Forestry; 6. Community forestry; 7. Social land allocation projects; 8. Traditions of Social forestry; 9. Economic Benefits of social forestry; 10. Integrating social forestry and agriculture; 11. Programme formulation and implementation; 12. Social forestry Plantation in Specific areas; 13. Ideal farm community forestry species for India; 14. Success stories; 15. Appendices.

A Handbook of Forestry.

Rs. 1050.00 (TB)

(Pub 2005) pp. 690 **CONTENTS** (ISBN: 81-7089-036-5)

Chapter 1) India- An introduction; 2) Forest geology; 3) Forest soils; 4) General silviculture; 5) Forestry: policy and the five year plan; 6) Forest law; 7) Forest botany; 8) Forest mensuration; 9) Aerial photo interpretation and forestry; 10) Land and pasture; 11) Forest surveying; 12) Forest protection; 13) Regeneration of Forests; 14) Silviculture of prominent Indian trees; 15) Silvicultural system; 16) Logging; 17) The working plan; 18) Minor Forest Products; 19) Forest Engineering; 20) Wood anatomy; 21) Forest pathology and entomology; 22) Forest Economics; 23) Forest management; 24) Social Forestry; 25) Management of certain animals; 26) Tribal Welfare; 27) Modern trends in Forestry.

Indian Forestry. 1947-1997 (A.F. Series. No.4.)

Rs. 895.00

(Pub.1998) pp. 256 **CONTENTS** (ISBN : 81-7089-253-8)

1. India's Forests; 2. Forest policy; 3. Forest law; 4. Wildlife law; 5. Forest management; 6. Forest Products; 7. Forest Based Industries and forest Products trade; 8. Social and community forestry; 9. Forestry research; 10. Forestry training and education; 11. Bio diversity conservation; 12. Forest degradation and protection; 13. Wildlife management and administration; 14. Forest services; 15. Forest corporations; 16. Role in development; References.

Joint Forest Management and People's Participation in Forestry. (A.F.Series. No.8.)

Rs. 695.00 (TB)

(Pub,2000) pp.v-197 (ISBN 81-7089-275-9)

SUMMARY

This book on Joint Forest Management (JFM) covers chapters on community forestry; traditions of JFM; JFM and Forest policies; Participatory assessment and planning; PRA and RRA; JFM Training; Extension methodologies; Micro plans; Gender issues; Social development institutions and their monitoring; Participatory monitoring and evaluation; and success stories. It is meant for forestry students, professionals, foresters, sociologists and planners.



Dr. S. S. Negi contd.



Manual for Wildlife Management in India.

(A.F. Series. No.14.)

Rs. 950.00 (TB)

(Pub. 2007) pp.300

(ISBN: 81-7089-166-3)

SUMMARY

This book is on wildlife management. It covers zoo geographic regions, wildlife in India, Biological basis of wildlife management, Ecology of wildlife, Field observations and investigations, Census, Management techniques, Rare and threatened species, Wildlife legislation, administration and education, and National Parks and sanctuaries.

Oaks of India, Nepal and Bhutan.(A.F.Series. No.21.)

Rs. 1250.00

(Pub. 2008) pp. 266. Plates 35 (ISBN: 81-7089-233-3)

SUMMARY

Oaks are an important group of trees with more than 35 species occurring in the Himalayan region of India, Nepal and Bhutan. This book deals with the various oaks and associated species found in these countries. The growth habit, taxonomy, nomenclature, distribution, habitat, forest types, local occurrence, phenology, silvicultural characters, natural reproduction, afforestation management and silvicultural systems, protection growth, yield and utilisation have been dealt with. A bibliography and index of vernacular, English and botanical names are given at the end.

Tribal Welfare Development and Administration.

(A.F.Series. No.20.)

Rs. 650.00 (TB)

(Pub. 2006) pp. 167

(ISBN: 81-7089-038-1)

CONTENTS

Introduction; Tribals: Life and Livelihood; Tribals and shifting cultivation; Constitutional provision for tribes; Tribal administration; Tribals and co-operations; Tribals and forests; Tribals and wildlife; Tribal development plans; Tribal development under the five year plans; Important Indian tribes; Tribal welfare and social forestry.

Urban and Recreational Forestry. (A.F.Series No.6.)

Rs. 895.00 (TB)

(Pub.1998) pp.180

(ISBN: 81-7089-264-3)

SUMMARY

The book deals with trees and gardens in Urban areas and eco-recreation. This book covers urban parks and gardens; botanical gardens; Zoological parks; National Parks and sanctuaries; biosphere reserves and forest and tree plantation. It is meant to serve as a handbook on the subject.

A Text Book of Forestry and Wildlife Management. Vols.1-2.

Set. Rs. 1500.00(TB)

(Pub.2006-2007) pp.750.

Vol. I. Pp. vi+373

Vol.I. (ISBN: 81-7089-333-X)

Vol. II. Pp. Vi+362

Vol. II (ISBN: 81-7089-341-0)

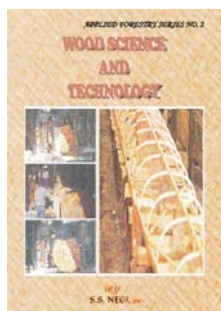
SUMMARY

The quantum of knowledge in the field of forestry and wildlife has grown considerably over the past few decades. With this, the importance of these subjects in the lives of human beings and in environmental conservation has attained a vital position. Today, ecological security and environmental goods and services being provided by forest ecosystems are essential for sustenance of life on earth.

Forestry and wildlife is being taught in many universities at the undergraduate and post-graduate levels and also in agricultural universities. Training in these fields is being imparted at institutions like the Indira Gandhi National Forest Academy, Dehradun; Wildlife Institute of India, Dehradun; State Forest Service Colleges; Rangers Colleges and training institutions of state forest departments. An integrated syllabus is being covered which varies in nature and content. This book, forming part of the two volume set, covers chapters on Geology and Rocks, Forest Soils, Forest Types of India, General Silviculture, Seed Production, Plantation Silviculture, Silvicultural Systems, Forest Management, Forest Products, Forest Based Industries and Forest Products Trade, Social and Community Forestry, Agroforestry, Urban and Recreational Forestry, Forest Law, Forest Policy. It is designed to meet the needs of B.Sc. and M.Sc. forestry students as well as those receiving training in forestry and wildlife.

During the writing of this book, the author has referred to his own books written earlier and also those of others. The aim has been to provide an integrated textbook on various aspects of forestry and wildlife management.

Dr. S. S. Negi contd.



Wood Science and Technology.
(A.F. Series. No.2.)

Rs. 850.00 (TB)

(Pub. 1997) pp. 249

(ISBN : 81-7089-247-3)

SUMMARY

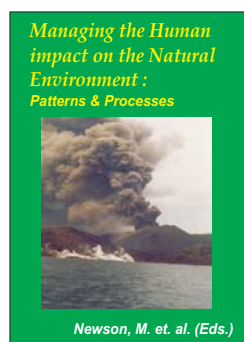
This book deals with all the aspects of wood science and technology in India including structural timber; timber machine; wood anatomy; wood preservation; composite wood; pulp and paper; and identification of different woods.

Newson, M. et. al. (Eds.)
Managing the Human impact on the Natural Environment : Patterns & Processes

Rs. 1500.00

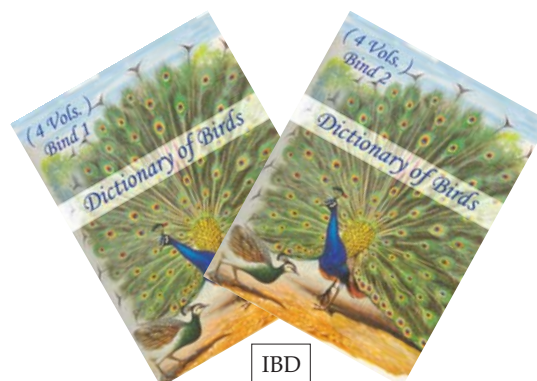
(Pub.1992)
Rep.1993.
pp. xxi+282.
Plates, figs, & tables

(ISBN: 81-7089-152-3)



CONTENTS

Part I- 1.Introduction: managing the natural environment- why and how; 2.The geography of pollution; 3.The geography of conservation; 4. Environmental law; 5. Environmental Economics, resources, and commerce.; **Part 2-** 6. Patterns of air pollution : critical loads and abatement strategies; 7. Patterns of fresh water pollution; 8. Patterns of land, water and air pollution by waste; 9. Metal pollution of soils and sediment: A geographical perspective; 10 Emergency planning and pollution **Part 3-** 11. Radiation and the environment: types, sources, impacts and management; 12. Global environmental implications for future energy supply and use; 13. Natural environments of the future: adapting, conserving, restoring; 14. Planning, control or management ?



IBD

Newton, A. & Gadow, H.
Dictionary of Birds

(Pub. 1983) Rep. 1991.
pp. 1240, map & Figs.

Set. Rs. 2500.00

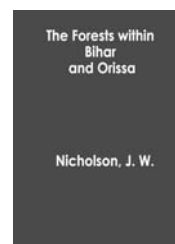
SUMMARY

This is a treatise on ornithology, more than an attempt to include in it all the names under which birds, even the commonest are known. The alphabetical order has been deliberately adopted in the preference to the taxonomic study.

Nicholson, J. W.
The Forests within Bihar and Orissa

Rs. 150.00

(Pub.1926),
Rep.1981.
pp. 67 ; with plates & map.



Identification of plant viruses
Methods & experiments

D. Noordam



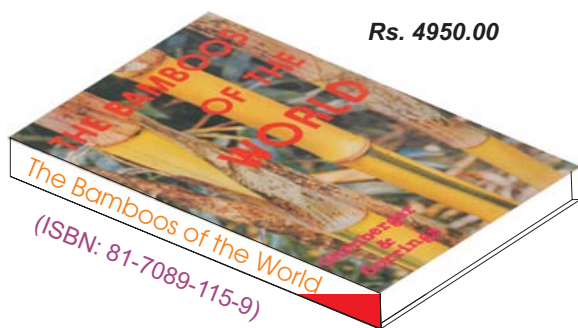
Noordam, D. & Goerrings,
Identification of Plant Viruses: Method & Experiments

Rs. 850.00

(Pub. 1973)
Rep. 1990.
pp. 207, with colored plates
(ISBN: 81-7089-118-3)

SUMMARY

This book deals with the identification of viruses, dealing mainly with phyto-pathological aspects of plant virology.



Rs. 4950.00

Ohrnberger, D.

Bamboos of the World :

A preliminary study of the names and distribution of the herbaceous and woody Bamboos.

(Pub.1983-87) Indian Rep. 1990.

pp.1010; with many figs and Maps.

SUMMARY

Bamboos of the world is a comprehensive compilation on bamboos species and basis primarily on literature. The aims of the work, scope and arrangement, as stated in the introduction, have, so far, proven well settled and are continued with only some slight modifications in format, and some extension in coverage.

Orta, G. D

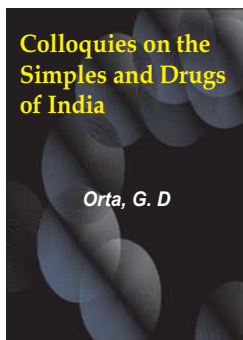
Colloquies on the Simples and Drugs of India

Rs. 2500.00

(Pub.1913)

Rep. 1979.

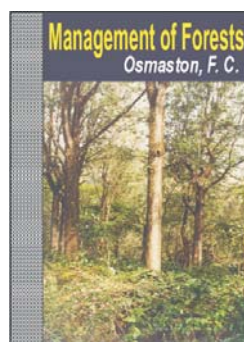
pp. xx- 509



Orta, G. D

SUMMARY

The work is interesting because it contains the first of many important plants, of their uses and the first descriptions of the treatment of diseases-Cholera, for instance-and of several customs and habits of the natives. He had a most extensive and accurate knowledge of the writings of all who had gone before him and his second commonsense enabled him, with confidence, to separate facts from fable. He knew personally all the plants within his reach from which drugs were derived. For the rest he was indefatigable in his enquiries from native physicians, of India, and of traders and others from all parts of moors, persians, Arabs and Malaya.



SUMMARY

Osmaston, F. C.

Management of Forests

Rs. 1350.00 (TB)

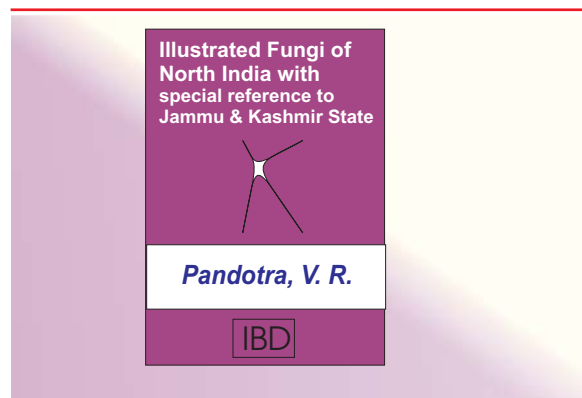
(Pub.1968)

Rep.1984. pp. 348

(ISBN: 81-7089-031-4)

The scope of forest management; Objects of management; Sustained yield; The production period or rotation; The

normal forest; The organisation of Forests; The actual growing stock and its increment; The yield and its regulation; The preparation of working plans; The historical development of Forest management; Appendices, I Some working plan forms used by the British Forestry commission, II Extracts from British Forest Management Tables, III Calculation of profit (extracted from the British Forestry commission working plans code)



Pandotra, V. R.

Illustrated Fungi of North India with special reference to Jammu & Kashmir State.

Rs. 695.00

(Pub.1997)

pp. 264, with diagrams

CONTENTS

Foreword; Preface; Abbreviations; Introduction; Enumeration of Fungi; illustrations; Bibliography; Host index; Substrate index; Index to genera; Map.

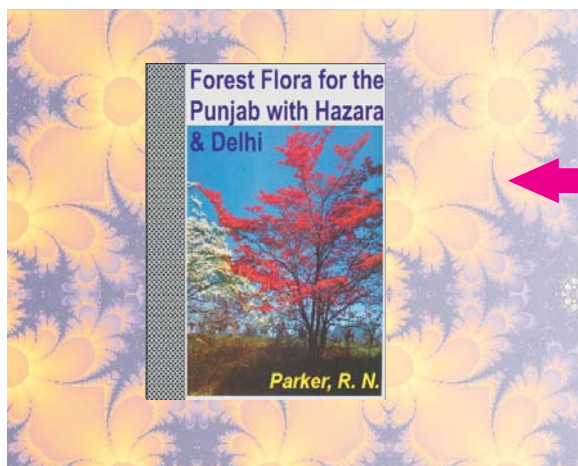


Parkash, Om., Sastry, G. & Reddy, Y.V.R.
Evaluation of Watersheds in India
Rs. 795.00

(ISBN: 81-7089-317-8)
 (Pub. 2004) pp.viii+157.

SUMMARY

This book is mainly dealing with the impact evaluation of watershed management programmes in different rainfed AERs of India. The book is divided into the chapters viz; introduction, background information, methodology, findings, SWOT analysis, lessons learnt, and summary & recommendations. Various Bio-physical and Socio-economic indicators were taken into consideration while evaluating the watersheds implemented through different agencies like, NWDPRA, MoRD, ICAR/SAUs, International Donors and NGOs in the country. The book will be useful for the policy makers, planners, researchers, extension workers and students involved in sustainable management of watersheds and their evaluation.



Parkash Om., Sastry, G., & Reddy, Y.V.R.
Impact of Watershed Development Programme in India

Rs. 1250.00

(Pub. 2004) pp.vi+256 (ISBN : 81-7089-305-4)

SUMMARY

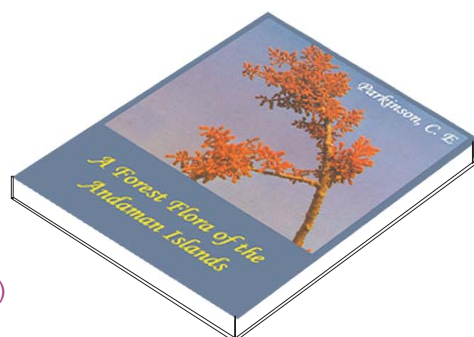
The book deals with the strategies followed for planning, implementation, monitoring & evaluation and maintenance of structures etc for integrated management of watersheds in different rain fed agro-ecological regions in India. Various agencies involved in execution of watersheds like NWDPRA, MoRD, ICAR/SAUs, International Donors and NGOs were taken into consideration to study the successes and failures of watershed management programme in rehabilitation of arable and non-arable lands particularly in rain fed areas on sustainable basis through participatory watershed approach. SWOT analysis was also done in case of selected watersheds. This book will be of immense help to all those who are actively involved in watershed management programme. The policy makers, planners, researchers, soil conservationists, extension workers, progressive farmers and students associated with management of natural resources will also be benefited.

Parker, R. N.
Forest Flora for the Punjab with Hazara & Delhi
Rs. 2500.00

(Pub.1924)
 Rep. 1984.
 pp. xxxv+591

SUMMARY

This book gives a comprehensive account of all trees, shrubs & woody climbers found wild and or naturalized in the area dealt with. The author has also given distinction for identification between shrubs and under shrubs which become under favourable conditions remain herbaceous. In this edition the author has included several species either discovered between 1915 & 1920 or collected in the Punjab for the first time during last period. The author has divided the area of Punjab conveniently to study the area each of which has a characteristic type of vegetation: (I) The plain (ii) The salt range (iii) The Sub-Himalayan tract and (iv) The Himalayas.



(ISBN: 81-7089-012-8)

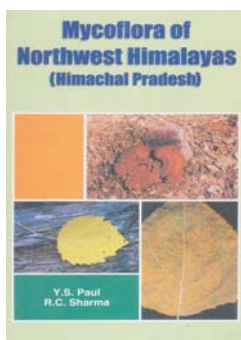
Parkinson, C. E.
A Forest Flora of the Andaman Islands

Rs. 650.00

(Pub. 1923) Rep. 1984.
 pp. xxii+325, 6 plates

CONTENTS

Preface; Introduction; list of literature dealing with the vegetation of the Andaman Islands.; A synopsis of the families; Note on using the artificial keys; General key for trees; General key for shrubs; General key for climbers; General key for Palms and Canes; General key for Grasses and Bamboos; Subsidiary key for groups under general key; Botanical list of Families, Genera & Species; Appendix; Illustration with explanation; A Glossary of Botanical terms; Index of Families, Genera and Species; Index of Vernacular and common names; Illustrations.



Paul, Y.S. & Sharma, R.C.
Mycoflora of Northwest Himalayas (Himachal Pradesh)

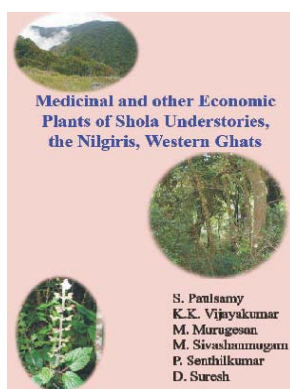
Rs. 1250.00

(Pub.2003) pp.viii+243

SUMMARY

(ISBN:81-7089-304-6)

The fungi constitute second largest group of organisms in the world after insects. With the liberalization of import and export of large quantities of agricultural, horticultural and forest tree material, the risk of spread of fungal as well as other pathogens into new areas has also increased. The current level of ignorance of most microbe groups has major implications for Biodiversity conservation, sustainable use and their management. Understanding the potential of natural resources of Northwest Himalayas, the Mycoflora data pertaining to ecosystem maintenance is given in the present book. In this book, fungal genera and species reported from Himachal Pradesh have been listed in alphabetical order. Each genus is followed by the subdivision and class from which it belongs. The locality from where the species have been recorded has also been mentioned. In this monograph 1,856 fungal species belonging to 531 genera have been recorded on 786 hosts and substrata in the State. The present volume Mycoflora of North West Himalayas: Himachal Pradesh reveals the extent of fungal species reported from this region with the obvious conclusion that further surveys and search will pay rich dividends.



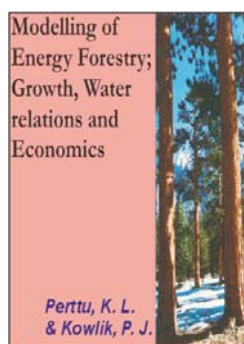
Paulsamy, S.
**Medicinal & other
 Economic Plants of
 Shola Understories,
 the Nilgiris, Western
 Ghats.**

Rs. 1500.00
 (Pub.2007) pp. x+122.
 Coloured.

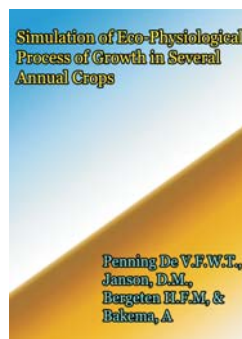
SUMMARY

(ISBN: 81-7089-345-3)

India is one of the 18 mega biodiversity countries and contains 2 hotspots such as Western Ghats and Eastern Himalayas. In Western Ghats, the Nilgiris is considered to be the repository of genetic stock of wild plants and animals. By recognizing the importance of the bioresources, the Nilgiris is declared as Biosphere Reserve in the year, 1986 for the effective conservation of natural wealth. The in situ conservation measures adopted through intensive habitat protection in this region enhances the population of many such bioresources at considerable level. The shola forests, a unique type of vegetation available in the Nilgiri Biosphere Reserve gained much with respect to species diversity by the effective in situ conservation measures followed. Besides the trees, the understories of sholas are characterized by the presence of high species richness which indeed includes many economically important plants. This book on "Medicinal and other Economic plants of shola understories, the Nilgiris, Western Ghats" deals with the origin, distribution, development and importance of sholas, parts used for economic purpose, mode of utilization, need of conservation of shola species in particular and cultivation possibility of species which need conservation. All the species of economic importance are nicely illustrated with clear photographs. It is our fervent hope that the P. G. students of Botany and Research Scholars in the area of medicinal plants, workers in the Biosphere Reserve areas, forest administrators would find the book very useful.



(ISBN: 81-7089-134-5)



**Penning De V.F.W.T.,
 Janson, D.M., Bergeton
 H.F.M, and Bakema, A**
**Simulation of Eco-
 Physiological Process of
 Growth in Several Annual
 Crops**

Rs. 1250.00

(Pub.1989)
 Rep.2000 pp xv+271

(ISBN: 81-7089-256-2)

CONTENTS

Introduction to crop growth modelling; Assimilation and Dissimilation of carbon; Morphological Development and Assimilate partitioning; Transpiration and water uptake; Soil Water balance; Weather data; Listing of modules.

Pereira, H. C.
**Policy and Practice in the
 Management of Tropical
 Watersheds**

Rs. 850.00 (TB)

(Pub.1989) Rep. 1989
 pp. xvi+237 with many figs.

(ISBN: 81-7089-123-X)

This book provides a useful tools for those actively engaged in watershed development in the third world as well as essential information for those interested in the articulation of environmental concerns and the human uses of natural resources.

Policy and Practice in
 the Management
 of Tropical Watersheds

Pereira, H. C.

INTERNATIONAL BOOK
 DISTRIBUTORS

SUMMARY

Perttu, K. L. & Kowlik, P. J.
**Modelling of Energy Forestry; Growth, Water
 relations and Economics**

Rs. 750.00

(Pub.1989) Rep.1991. SUMMARY pp. viii+199

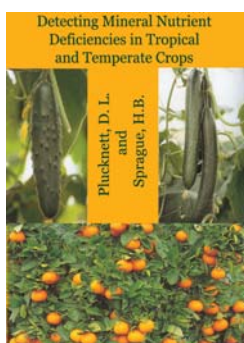
The general purpose of energy forestry research is to contribute to the investigation on how to find renewable energy sources in order to reduce the use of the fossil fuels and to replace nuclear power. The specific aim of this book is to present different simulation models on growth and water conditions in short energy rotation energy forestry: it contains two models of forest growth, three models of water relations, the soil plant atmosphere system, and one model of the economic potential of energy forestry. The production simulated by the growth models is related to weather conditions, physiological characteristics of the plant, and the nitrogen available to it. The water models, describing transpiration, evaporation and soil water balance, contain those out put variables that directly influence the growth.



Pickering, C.
Chronological History of Plants (Man's record)

(Pub. 1879)
Rep. 1986.

pp. xvi+1222



Plucknett, D. L. and Sprague, H.B.
Detecting Mineral Nutrient Deficiencies in Tropical and Temperate Crops

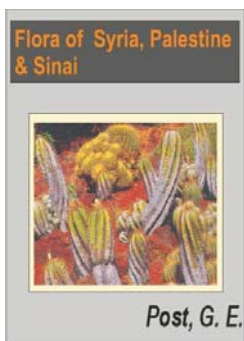
Rs. 2950.00

Rep. 1990. pp. 563,
with colour plates

(ISBN: 81-7089-133-7)

SUMMARY

This book deals an essential aspect of crop management in identification of deficiencies of plant nutrients and their diagnostic methods. The book provides soil and tissue analysis standards critical in plant nutrition.



Post, G. E.
Flora of Syria, Palestine & Sinai

Rs. 3500.00

Rep. 1980.
pp. 919 with one map & figs.
441



Powar, A.
Food Ways: An Indian's holistic perspective on nutrition & health

(Pub. 2007) pp. 450

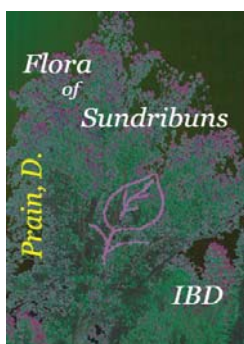
SUMMARY

Dr. Anna Powar is an Indian who has formed her ideas, beliefs and practice by living and working in many different cultures - the US, Turkey, most of Europe and Africa.

"Health and Nutrition" starts with a fast overview of how life evolved on earth from the first unicellular organisms up to the most complex multi cellular organism of all: the human being.

In Part I dr. Powar takes us through the biochemical complexities of enzymes, co-enzymes, the Krebs Cycle, hormones and the DNA blueprint, by talking about buses, bus lines, ring roads, traffic jams, and road maintenance. All the various vitamins are explained using these catchy metaphores.

Part II of "Health & Nutrition" illustrates the problems posed by various "nocuous agents", such as pollution, microorganisms and fast changing life styles. In this context, Minerals, Vitamins, Antioxidants are not "supplements" but vital players in the maintenance of health. Ever since human beings evolved into oxygen-burning creatures, the urgent question was how to get oxygen where it is needed & how to protect the body from the damages oxygen produces (i.e. free radicals/antioxidants). This has led medical science to re-evaluate the traditional knowledge of various peoples who have developed their own distinctive "antioxidants". Ideally, the last part of dr. Powar's "Health & Nutrition" is devoted to the spiritual aspects of the maintenance of health. Dr. Powar lays emphasis on striving to always keep in balance body, mind and spirit. Integrating the newer disciplines such as psychoanalysis, the older practices of yoga and meditation with sound nutrition, is a vital challenge which a contemporary nutritionist must accept in the interest of our fellow human beings.



Prain, D.
Flora of Sundribuns
Rs. 750.00

(Pub.1904)
Rep. 1994. Pp.370

I- Introduction; II- Topography of the Sundribuns; III- Nature of the vegetation; IV- Origin of the Sundribun flora; V- Guide to the Genera; VI- Systematic census of

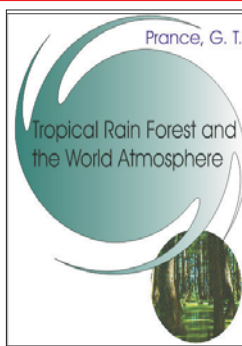
CONTENTS

species; Thalamiflorae.

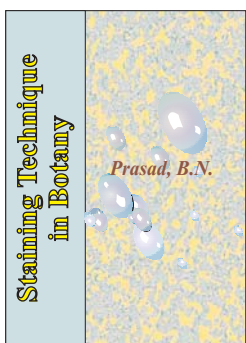
Prance, G. T.
Tropical Rain Forest and the World Atmosphere
Rs. 495.00

(Pub 1983)
Rep. 1988. pp. xxi-105
(ISBN: 81-7089-057-8)

1 Introduction to tropical rain forest; 2 Tropical forest: patterns of depletion; 3 Deforestation in the Brazilian Amazon Basin measured by Satellite imagery; 4 Tropical Forest: interactions with the atmosphere; 5 Amazon rainfall, potential effects of Deforestation and plans for future research; 6 Catastrophic drought and fire in Borneo Tropical rain forest associated with the 1982-83 EL Nino southern oscillation event.



CONTENTS



Prasad, B.N.
Staining Technique in Botany
Rs. 375.00 (TB)

(Pub. 1986.)
pp. 108
(ISBN: 81-7089-081-0)

This book deals with the procedure of pretreatment, fixation, use of various moderants, sectioning with microtome and standing of cell wall, cytoplasm and nuclei, with common and

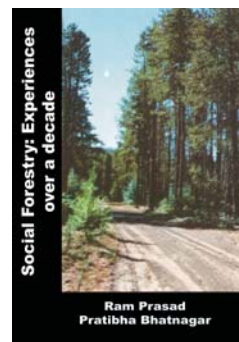
SUMMARY

specific dyes such as safranin, light and fast green, crystal violet, orange G, Cotton blue haematoxylin, carmine, giemsa, etc., of plant of all the groups included their in, and procedure of temporary and permanent preparations and squash techniques for the purpose anatomical and cytological work many versions of preparation of stain solution and procedure of staining have been described.

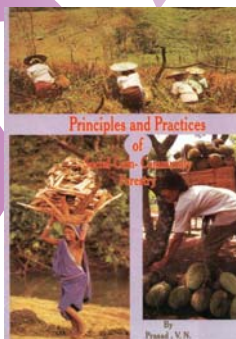
Prasad, R and Bhatnagar, P.
Social Forestry:
Experiences over a decade
Rs. 795.00

(Pub.2009)
pp. vii - 223.
(ISBN: 81-7089-231-7)

In the last decade there has been a surge of interest in implementing social forestry programmes in almost every country of Asia and the Pacific. In India, in particular, social forestry in eighties was adopted in a big way. It aroused a lot of interest among foresters, the state Government official and the people. The establishment of village woodlots, Strip plantations, Farm Forestry, and raising of nurseries by school children were among the many components of social forestry in India. The experience in implementing this programme has been very diverse. It opened up many issues. The most common question was whether it was able to enlist people's participation and if it has met the approval of villagers in its design, contents implementations and benefits. Many of these issues have been discussed in this book.



SUMMARY



Prasad, V.N.
Principles and Practices of Social-Cum-Community Forestry
Rs. 595.00

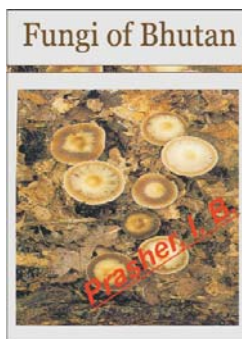
(Pub.2008) Pp. viii+109.

(ISBN: 81-7089-032-2)

1. Integration of Forestry Cultivation of Food Crops and Animal Husbandry on the same piece of land can increase total Productivity while Preserving the Ecosystem; 2. Social Forestry Practices in India; 3. Objectives of Social Forestry; 4. Nursery; 5. Technique of Weeding in the Nursery Beds; 6. Nursery Practice of Common Species used in Social Forestry; 7. Protection and Care of the Plantation Areas; 8. Social Forestry as a part of Integrated Rural Development for Socio Economic Improvement of the People; 9. Canal side Plantation; 10. Benefits of Raising Roadside Plantation under Social Forestry Programme; 11. Schemes which are done in the Community lands under Social and Community Forestry programmes by certain voluntary agencies for the Rural Development Work; 12. Tribals the Original Dwellers of the Forests; 13. Calculation of Plants; 14. Cost Benefit Analysis of per hectare Plantation in Social as well as in Farm Forestry; 15. Social Forestry in other Countries; 16. Bibliography

SUMMARY

Prasher, I. B.



(ISBN: 81-7089-265-1)
Rs. 795.00

Fungi of Bhutan

(Pub. 1999) pp. ix+120

SUMMARY

This book consists of detail investigation of 1500 fungal collection made during 1979-1983. This comprehensive work deals with 306 species under 138 genera and is the first of its kind on the systematic and ecology of fungi of Bhutan.



(ISBN: 81-7089-254-6)
Rs. 895.00

Fungi of Chandigarh

(Pub.1998)

pp.168, including xxxvii plates

SUMMARY

This book deals with the fungi of Chandigarh and its surrounding areas. The book describes with illustration fungi belonging to Myxomycetes (Myxomycota) and Saprolegniaceae, Saprolegniales (Oomycota).



Each Vol. Rs. 1300.00

Pundir, Y. P. S. and Dr. K.S. Dadhwal Advances in Agriculture Research in India

(1994-2006)
(Bi-annual Journal)

(ISSN : 0971-6394)
Vols 1-24



SUMMARY

This journal covers reports, useful experiments and field trials in agronomy, Agricultural economics, Agricultural engineering, Indian Agricultural development, New Agricultural Production Strategy, Irrigation, Horticulture, Landscape and Gardening, Soil and Water Conservation, Fisheries, Dairy Science, Veterinary Science, etc.



Pundir, Y.P.S.

Modern Trend in Plant Sciences

Rs. 1200.00

(Pub. 1995) Vol I, pp. 207

(ISSN: 0971-7269)

CONTENTS

1. The structure, development and phylogeny of inflorescence (Syconium) of *Ficus racimosa*; 2. Vegetation of Sheopur Forest Division, Madhya Pradesh; 3. Histological and Histochemical studies on the suspensor of some legumes; 4. Organogenesis in the flower of *Iberis amara* and developmental basis for the interpretation of crucifer gynoecium; 5. Comparative shoot growth strategy of evergreen and deciduous species; 6. Degradation of protein bodies in cotyledonary cells during seed germination in *Arachis hypogaea*; 7. Molecular insight of the heat-shock proteins; 8. Taxonomy of some powdery mildew fungi-IIIs.

Rabbinge, R., Ward, S.A. and Van Laar, H. H.

Simulation and Systems Management In Crop Protection

Rs. 1450.00

(Pub. 1989)

Rep. 1991. pp. xiv+420.

(ISBN: 81-7089-135-3)

SUMMARY

This book deals in stimulation, system analysis and their application in crop protection. It explains the systems analysis of crop growth, yields and losses, the population dynamics of pests, diseases and weeds, and the assembly of these analyses into various models.



Pundir, Y. P.S. & Dr. Dhan Singh. (Compiled Volumes 1 to 9)

The World Weeds : A Quarterly Journal of Common Weeds & Parasitic Flowering Plants

Each Vol. Rs. 1750.00

Pub (1994-2002) Vols. 1-8.

(ISSN: 0971-7552)

SUMMARY

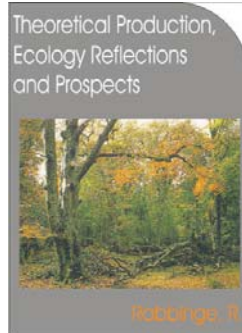
A journal of common weeds and parasitic flowering plants their Phenology, Chemical Control, Phytosociology, damage crops and plants, and control measures.

Simulation and Systems Management in Crop Protection



Rabbinge, R., Ward, S.A. and Van Laar, H. H.

(ISBN: 81-7089-183-3)



CONTENTS

Soil and climate- 1. Conservative behavior in the response of crops to water and light; 2. Atmospheric CO₂, global carbon fluxes and the biosphere; 3. Nitrogen influence on the physiology of crop yield; 4. On scale problems in modeling; an example from social ecology. *Plant Growth and Development;* 5. Assimilation, Allocation, Explanation, Extrapolation; 6. Can crop model contain economic factor?; 7. Integration of activity in the higher plant; 8. Crop growth models for green house climate control *Pests, Diseases and weeds;* 9. Defoliation, disease and growth; 10. The bridge function of production ecology in the pest and disease management; 11. Agronomical measures to control growth and yield reduction by weeds; 12. On descriptive and mechanistic models for interplant competition, with particular reference to crop weed interaction *Agricultural production systems;* 13. Agricultural production systems; 14. The crop model record; promise or poor show ?; 15. A multiple goal programming basis for analysing agricultural research and development; 16. Intergrating crops and livestock in southern Mali; rural development and environmental degradation?; 17. International agricultural research for developing countries.

Rabbinge, R.
Theoretical Production, Ecology Reflections and Prospects

Rs. 1350.00

(Pub. 1990)
Rep. 1992.
pp. xvi+301

Soil and climate- 1. Conservative behavior in the response of crops to water and light; 2. Atmospheric CO₂, global carbon fluxes and the biosphere; 3. Nitrogen

influence on the physiology of crop yield; 4. On scale problems in modeling; an example from social ecology. *Plant Growth and Development;* 5. Assimilation, Allocation, Explanation, Extrapolation; 6. Can crop model contain economic factor?; 7. Integration of activity in the higher plant; 8. Crop growth models for green house climate control *Pests, Diseases and weeds;* 9. Defoliation, disease and growth; 10. The bridge function of production ecology in the pest and disease management; 11. Agronomical measures to control growth and yield reduction by weeds; 12. On descriptive and mechanistic models for interplant competition, with particular reference to crop weed interaction *Agricultural production systems;* 13. Agricultural production systems; 14. The crop model record; promise or poor show ?; 15. A multiple goal programming basis for analysing agricultural research and development; 16. Intergrating crops and livestock in southern Mali; rural development and environmental degradation?; 17. International agricultural research for developing countries.

Rahman, C.A.
Compilation of Forest Policy and Law

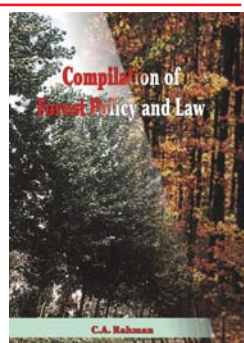
Rs. 795.00

(Pub. 2009)
pp. viii - 174.

(ISBN: 81-7089-358-5)

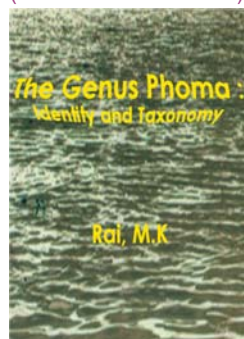
This book titled "Compilation of Forest Policy & Law" is Purely a compilation of the presentations and training materials prepared by the author with his experience as a faculty member and a practicing forester.

In this book, the sections/rules of Indian Forest Act and other acts have been interpreted in simple way so that even the front line staff of the department and students/probationers can understand it easily. This book covers mainly the portions of the forest law & other relevant acts, which forms the syllabus of State Forest Service & Range Forest Officer Courses.



SUMMARY

(ISBN : 81-7089-263-5)



CONTENTS

1. Introduction; 2. Material and Methods; 3. Morphology and Cultural Characters; 4. Factors affecting morphology and cultural characters; 5. Cholestrol as a taxonomic criterion; 6. *In vivo* effect of different factors; 7. General Discussion and Conclusion; 8. Summary; 9. Key to the identification; 10. References; 11. Index; 12. Plates.

Rai, M.K
The Genus Phoma : Identity and Taxonomy

Rs. 2400.00

(Pub. 2000)
pp. 159

1. Introduction; 2. Material and Methods; 3. Morphology and Cultural Characters; 4. Factors affecting morphology and cultural characters; 5. Cholestrol as a taxonomic criterion; 6. *In vivo* effect of different factors; 7. General

Rs. 795.00

Game Fishes of the India & Angling



Raj Tilak & Uma Sharma

SUMMARY

for dwindling of the stock of certain species of game fishes and the steps that may be taken to conserve the endangered species.

Raj Tilak & Uma Sharma
Game Fishes of the India & Angling

(Pub. 1982)
pp. 304 with 89 figs & two colour Plates

This book presents extremely useful and informative material on angling, use of hooks, spoons, baits, rod, line, etc. the book presents a historical account of angling in India and analyses the causes

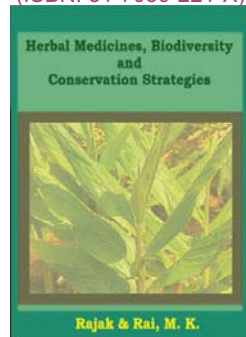
Rajak & Rai, M. K
Herbal Medicines, Biodiversity and Conservation Strategies

Rs. 1100.00

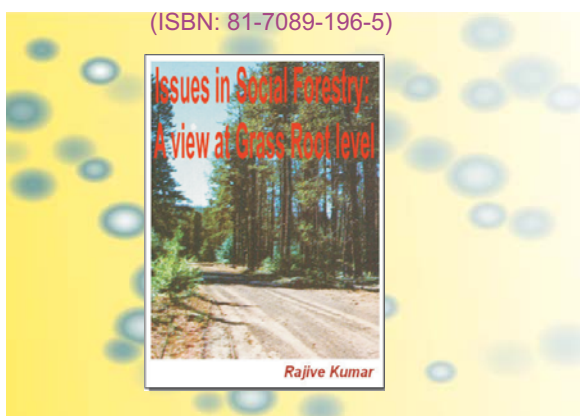
(Pub. 1996)
pp. xv+292

This book is the proceedings of the national seminar on herbal medicines, bio-diversity and conservation strategies. This is the compilation of different articles on herbal medicines, conservation of rare and endangered medicinal plants, bio-diversity and bio control of insects-pest and diseases. This book endeavors immense value for herbal medicines.

(ISBN: 81-7089-221-X)



SUMMARY



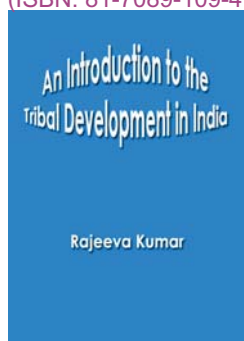
Rajive Kumar
Issues in Social Forestry :
A view at Grass Root level
Rs. 650.00

(Pub. 1993)
 pp. 177

CONTENTS

1.Introduction; 2.Theoretical perspective; 3.Issues and methodologies; 4.Perception about objectives of social forestry; 5.Opinion regarding component of social forestry; 6.Expected role of different agencies; 7.Adaptability of program among the people; 8.Distribution, Legal and personal issues in social forestry; 9.Conclusion & recommendation.

(ISBN: 81-7089-109-4)



Rajeeva Kumar
An Introduction to the Tribal Development in India
Rs. 550.00 (TB)

(Pub 1989)
 pp. 143

SUMMARY

The book is divided into three parts. The first part deals with the characteristics, demography, races and languages of tribes. The second part deals with the social and political organization found among the tribal societies and also the various institutional forces. The third part deals with the tribal economy and various developmental policies and programs, which have been put forth by the government.



Ram Parkash
Advances in Forestry Research in India. (A Half Yearly Journal)
Vols. 1- 31.

Each Vol Rs. 1350.00

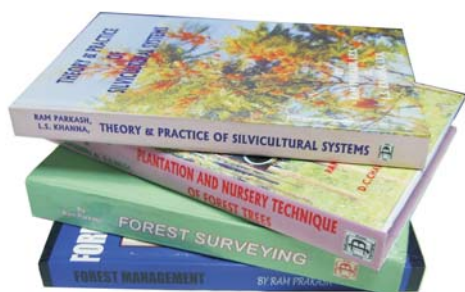
Set. 41,850.00

(Pub.1988-2007)

(ISSN: 0971-2704)

SUMMARY

This is a half yearly publication, each issue containing results of researches in various fields of forestry. 31 volumes already published.



Ram Parkash
Forest Management

Rs. 950.00 (TB)

(Pub 2006), (ISBN: 81-7089-082-9) pp. xii+256

CONTENTS

Part I- 1.Introduction; 2.Objects of management; 3.Forest organisation; 4.Sustained yield; 5.Rotation and production period; 6.The normal forest 7.Increment; 8.Distribution of age gradation and age classes; 9.The growing stock; **Part II-** 10.Yield regulation-general considerations; 11.Yield regulation in regular forests; 12. Yield regulation in irregular forests; **Part III-** 13.Working plans-general consideration; 14. Prepa- ration of working plans, Appendices.

Ram Parkash
Forest Surveying

Rs. 1050.00 (TB)

(Pub.2006) (ISBN: 81-7089-001-2) pp.xix+372

CONTENTS

I. Introduction; II. Scales; III. Linear measurement; IV. Chain surveying; V. Measurement of Angles and bearings; VI. Prismatic compass and chain survey; VII. Plane table surveying; VIII. Leveling: Instruments and Methods; IX. Contours- Contouring- Topographical; X. Map and Maps reading; XI. Enlargement, Reduction and Copying Plans; XII. Computation of Areas; XIII. Aerial SurveyPhoto Interpretation Forest Maps from Aerial photographs. Appendices.

Ram Parkash & Khanna, L. S.
Theory & Practice of Silvicultural Systems
Rs. 1050.00 (TB)

(Pub. 1979) pp. xvi+298

(ISBN: 81-7089-148-5)

SUMMARY

This book describes the various silvicultural systems as practised in India. The book also gives brief description of some of the systems which are being practised in European and American countries. Some appendices of the important working plans of the whole of the country has been added in this IInd revised edition.

Ram Parkash
Plantation and Nursery Technique of Forest Trees
Rs. 1050.00 (TB)

(Pub. 2006) (ISBN: 81-7089-260-0) pp. vi+452

SUMMARY

The book gives information about nurseries and plantation techniques of the species in general, with special and detailed reference to 100 important Indian Forest Tree species; briefly covering Bamboos and Tropical Pines. The object of this publication is to familiarise the foresters as well as other enterprising individuals, voluntary organizations and institutions, involved in tree planting activities, under various afforestation schemes. Each of the 100 species is dealt with, Distribution: Particulars about Seed(e.g. time and methods of collection, storage, weight, pre-sowing treatment, germination capacity and plant percent, etc.). Nursery Technique : Methods of Natural and Artificial Propagation. Tending: Rate of Growth: Injuries (biotic and Climatic) to which liable: Silvicultural Characters, Utilization and Management, in brief, under a general paragraph. A Chapter on Forest Types of India has also been added, particularly for the benefit of Forestry Students. It is hoped that the book will serve as a useful reference and guide for the Students of Forestry at the Forest Colleges as well as the Agricultural Universities, and also for the personnel engaged in tree planting.

(ISBN: 81-7089-039-X)



Ram Parkash & Hocking, D.
Some Favourite Trees for Fuel and Fodder

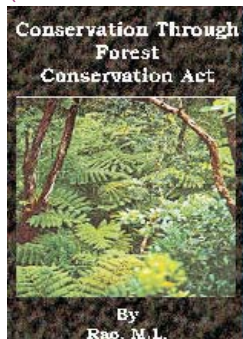
Rs. 795.00

(Pub.1986)
pp.187

SUMMARY

This book will serve a useful purpose for many voluntary agencies and individuals engaged in social forestry and tree planting, especially for fuel and fodder, in different agro-climatic zones of the country. The book consists information on 32 tree species for fuel and fodder and 25 plates of the important species.

(ISBN : 81-7089-257-0) **Rao, M. Lokeswara**
Conservation through Forest Conservation Act
Rs. 550.00 (TB)



(Pub.1998)
 pp.121

1. Forest conservation A. Retrospective view; 2. Evolution of forest conservation Act; 3. Regional offices Implementation of act; 4. Compensatory afforestation Telugu Ganga

CONTENTS

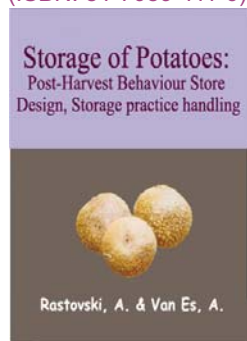
Compensatory afforestation A case study; 5. Is Forest conservation act obstacle for development?; 6 Article 371-and Forest Conservation Act; 7 Historic Judgement of Supreme Court on forest conservation act 1980.

Rastovski, A. & Van Es, A.
Storage of Potatoes: Post-Harvest Behaviour Store Design, Storage practice handling
Rs. 3500.00

(Pub.1987)
 Rep 1989.pp.462, with many Plates & figs.

History of Potato, 1 Structure and chemical composition of the potato, 2 Starch and sugar during tuberisation, storage and sprouting, 3 Dormancy, Sprouting and sprout inhibition, 4 Respiration, 5 Water balance of the Potato tuber, 6 Disease and defects liable to affect potatoes during storage *Principle of Potato storage*, 7 storage losses, 8 storage conditions, 9 Cooling of potatoes and water loss, 10 Heat balance in the potato store *construction and technical facilities of potato stores*, 11 Purpose of storage and store requirements, 12 Potato store construction, 13 cooling systems in potato stores, 14 Temperature control systems in potato stores, 15 Fans- Pressure head in the ventilation systems, 16 Ventilation systems in potato stores, 17 Air humidification *Potato storage practice*, 18 Inspection of store and arrival of potatoes, 19 Drying of potatoes, 20 Wound healing, 21 Sprout inhibition in ware potatoes storage, 22 Protection of Produce, 23 Temperature control during storage, 24 Heating of ware potatoes, 25 Chitting of seed potatoes *Transport and fishing operation*, 26 Damage of Potatoes, 27 Filling of Potato stores, 28 Unloading of Potato stores,, 29 Grading and sorting of potatoes, 30 Packing of Potatoes *Potato storage in the tropics and subtropics*, 31 Storage of Potatoes at high temperature *Subject index*

(ISBN: 81-7089-111-6)



CONTENTS



Rao, M. Lokeswara.
Plant bio-diversity of the world.

(Pub.2004)
 pp.xii+240, with 207.Stamp size Photos.

SUMMARY

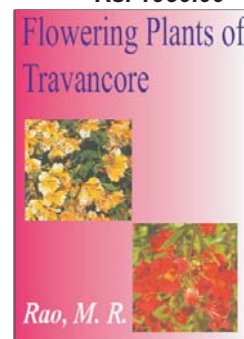
In the South India peninsula the Malabar coast is the richest in vegetation and has been famous from ancient times as the store house of valuable medicinal plants and timber trees. The native state of Travancore comprises a large section of the coast and the main portion of the Western Ghats falls within its limits. The author has given here botanical description of the flowering plants of this region. There are different plants listed along with their botanical descriptions the author has given when available the English name, locality flowering season and use.

Rao, M. R.
Flowering Plants of Travancore

(Pub.1914) Rep.1987,
 pp. xiv+495

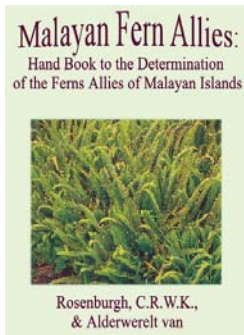
In the South Indian Peninsula the Malabar coast is the richest in vegetation and has been famous from ancient times as the store house of valuable medicinal plants and timber trees. The native state of Travancore comprise a large section of the coast and the main portion of the Western Ghats falls within its limits. The author has given Botanical descriptions of the flowering plants of the region. There are 3535 different plants listed. Along with their Botanical descriptions the author has given where available the english name, locality flowering season and use.

Rs. 1950.00



SUMMARY

Rs. 750.00



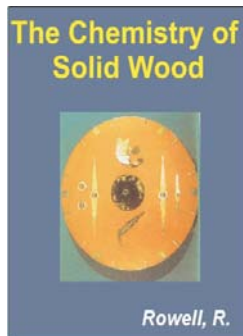
Rosenburgh, C.R.W.K. van Alderwerelt van

Malayan Fern Allies: Hand Book to the Determination of the Ferns Allies Malayan Islands

(Incl. Those of the Malaya Paninsula, the Philippines and New Gunea)

(Pub.1915) Rep. 1985.
pp. xvi+261

(ISBN: 81-7089-040-3)



Rowell, R.
The Chemistry of Solid Wood

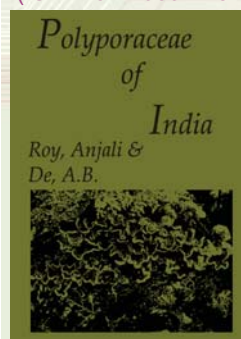
Rs. 4995.00

(Pub.1984),
Rep. 1986.
pp. x+626

SUMMARY

This 15-chapter book is divided into four sections that discuss wood's structure and basic chemistry, its properties and reactivity, and its surface and degradation chemistry. The very basis of how wood is formed and the structure it assumes during this growth are given in the first section. Various wood science terms are defined and discussed thoroughly to give a clear and adequate foundation for the rest of the book. Wood water relationship important in almost any wood applications- are also discussed in this section. The subsequent three sections discuss relations and chemistry important for the beginning wood chemist to understand. These topics include wood's cell wall components, strength, interaction with preservatives, and adhesion. Wood polymer materials, wood surface activation, weathering and protection, and pyrolysis and fire retardancy are topics also embraced.

(ISBN: 81-7089-213-9)



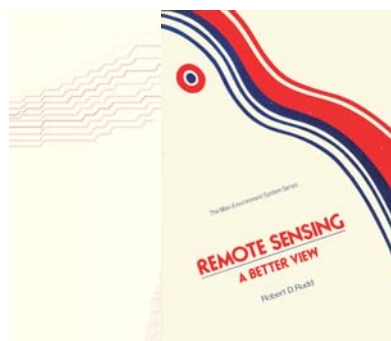
Roy, Anjali & De, A.B.
Polyporaceae of India

Rs. 1500.00

(Pub.1996)
pp. 309, with many Figs & Plates

SUMMARY

This manual deals with the family Polyporaceae based on exhaustive studies on Fungi belonging to this group collected from different parts of India. The book covers several aspects like anatomy, sexuality etc. The genera and species have been arranged alphabetically with figures.



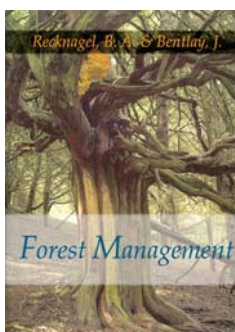
Rudd, Robert, D.
Remote Sensing: A better view

Rs. 695.00

(Pub. 1974) pages, 133 (ISBN: 0-87872-068-5)

CONTENTS

1. Toward a greater breadth of vision, 2. The basics of remote sensing, 3. Remote sensing of the natural environment, 4. Remote sensing of man's use of the land, 5. The development of remote sensing from space, 6. Pro and con.



Recknagel, B. A. & Bentlay, J.
Forest Management
Rs. 1500.00

(Pub.1985) pp.xiii+269
 with two Plates, Figs & Charts.

(ISBN: 81-7089-034-9)

This book covers chapters on: 1 Survey of Area; 2 Forest Mensuration; 3 Log rules; 4 Instruments for Forest measurements; 5 The measurement of felled trees; 6 The measurement of standing trees; 7 Volumes tables; 8 Timber estimating; 9 Age of trees and stands; 10 Growth of individual trees; 11 Increment of stands; 12 forest organisation; 13 Regulation of the cut; 14 The working plan document; 15 Forest finance; 16 forest administration.

CONTENTS

the measurement of felled trees; 6 The measurement of standing trees; 7 Volumes tables; 8 Timber estimating; 9 Age of trees and stands; 10 Growth of individual trees; 11 Increment of stands; 12 forest organisation; 13 Regulation of the cut; 14 The working plan document; 15 Forest finance; 16 forest administration.

Rs. 2500.00



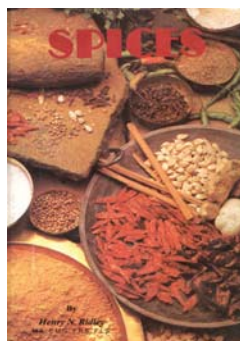
(ISBN: 81-7089-302-X)

Rethy, P., Dabral, P. P., Binay Singh, & Sood, K.K.
Forest Conservation and Management

(Pub. 2004) **SUMMARY** pp.675, with plates.

The book is a culmination of efforts to collect all relevant information on forest management and conservation especially that will help us to correct the harmful effects of strategies and policies adopted in the past and pursue management practices that will safeguard the ecological balance of the region and provide livelihood security for the indigenous people who are dependent on forests. Contribution to this book come from well known scientists/ researchers and academicians and represents a collection of well-written articles on the topics covered. The book is divided into five sections: First section on biodiversity consists of eight articles covering the diverse biotic forms starting from microbus, fungi and angiosperms. The only paper on faunal diversity is the one that deals with the spider species and their conservation aspects. The second section on forest conservation vis-à-vis soil water conservation includes three articles. One of them also gives an insight into the role of earthworms in soil management.

The third section on multidisciplinary approaches on forest conservation and management includes twelve articles on the role of agro forestry systems in sustainable development of hilly regions. Forestation techniques that help in amelioration of degraded hills of western Himalayas are discussed by Bhardwaj and Panwar from Y.S.P.U.H.F., Solan. Section four of the book deals with participatory forest management. Two articles included in the section emphasize the need for involving forest dwellers in decision making concerned with any developmental activities. The last section of the book is on ethno botany, rural development and forest conservation strategies. This section includes thirteen articles, which through light into the traditional systems of medicine practice by tribal communities in India. It also covers some articles on the traditional forest resources and conservation aspects. Most of the articles published in this book come from Indian authors and deal mainly with trends in conservation strategies for sustainable management of Indian forests. This book, the editors' hope, will help the Scientists, Researchers, Students, Planners alike formulating various strategies and policies for the sustainable management and conservation forest resources.



Ridley, H. N.
Spices

(Pub. 2008)
 pp. 447 (ISBN: 81-7089-269-4)

CONTENTS

Chapter 1: Introduction; Chapter 2: Vanilla; Chapter 3: Nutmegs and Mact; Chapter 4: Cloves; Chapter 5: Pimento or Allspice; Chapter 6: Cinnamon; Chapter 7: Cassia Bark, Massoi Bark; Chapter 8: Black Peppers; Chapter 9: Long Pepper, Grains of Paradise; Chapter 10: Cardamoms; Chapter 11: Capsicums or Chillies; Chapter 12: Coriander, Dill, Cumin; Chapter 13: Ginger; Chapter 14: Turmeric, Zedoary, Galangal, and Calamus Root; Appedix; Index.

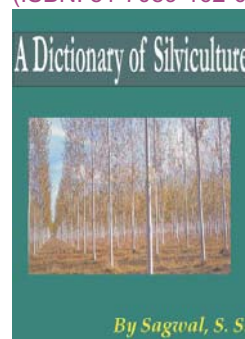
Rs. 1750.00

(ISBN: 81-7089-162-0)

Sagwal, S. S.
A Dictionary of Silviculture

Rs. 495.00 (TB)

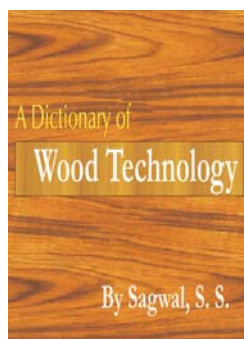
(Pub.1992) pp.129



SUMMARY

it more comprehensive.

(ISBN: 81-7089-174-4) **Sagwal, S. S.**
A Dictionary of Wood Technology
Rs. 450.00 (TB)



(Pub. 1992)
 pp. 117

This book deals with the structure, identification, Physical, mechanical and chemical properties, defects and uses, and processing characteristics of wood. Wood terminologies are explained in their full meanings.

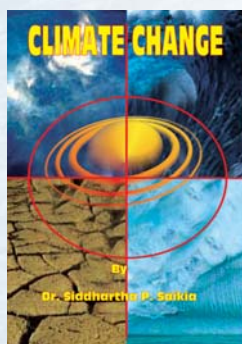
SUMMARY

Saikia, S.P.
Climate Change
Rs. 1750.00

(Pub. 2010) pp. 460
 (ISBN: 81-7089-370-4)

The German philosopher, Arthur Schopenhauer (1788-1860), stated, "Change alone is eternal, perpetual, immortal." Few statements, if any, have such timeless universality, applying both to human affairs and to natural processes. In the context of our own time, the more narrowly-focused phrase, "climate change", has permeated the fabric of society as never before, from the halls of academe to the corridors of government to the realm of popular conscientiousness. But, climate change is neither a new phrase nor a new concept.

It is not difficult to imagine that our ancestors, long before written language, living at the edge of survival, pondered climate change and its impact on their future, on the availability of food and warmth. We are hardly any different, more educated and sophisticated, certainly, but still pondering, wondering creatures who seek to understand the world and to understand how and why it changes and in what ways we will be affected. And, not just people of our own time, but those who have gone before us. The 18th Century philosophical approach to climate change gave way in the 19th Century to a more scientific approach, leading to debate with a familiar ring. Svante Gustaf Arrhenius (1859-1927), for example, speculated that lower levels of carbon dioxide in the atmosphere might have caused the ice ages. There was debate on whether sunspots might be related to climate change, a continuing, but



SUMMARY

(ISSN: 0971-7269)



Each Vol. Rs. 1200.00

Sahni, K. C., Dr. Dhan Singh and Piyush Gahlot.
Advances in Plant Sciences Research. Vols. (1 to 16): A half yearly journal

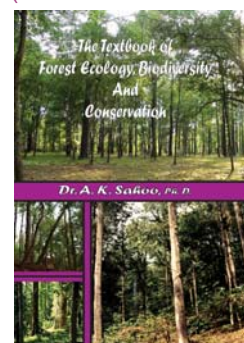
(Pub. 1994-2002)

Back Vols. available. The publication focuses on Biotechnology, Cytogenetics, Morphology, Vegetative Propagation, Physiology, Taxonomy, Anatomy, Growth and Yield Survey, Conservation, Pharmacology, Ethnobotany, introduction and Trials etc.

(ISBN: 81-7089-371-2)

Sahoo, A.K.
The Textbook of Forest, Ecology, Biodiversity And Conservation

(Pub. 2011)
 pp. 121 **Rs. 495.00 (TB)**



SUMMARY

This book presents a brief account of the multi disciplinary nature of ecology and environment including ecosystem, nutrient cycles, ecological succession, plant communities, autoecology, biodiversity & conservation, desertification & control and climate change & forestry. It covers the syllabus, recently introduced by Indian Council of Forestry Research and Education, Dehradun at under graduate in Forestry level through out the country

Many of the 19th Century discussions continue today. We are yet faced with fundamental unknowns in the quest to understand climate change, its causes, and the degree to which human activity is a potential and possibly preventable cause. New imperatives come to bear because we are now truly an interrelated, global community. We have to welcome the initiative and the highly appreciated effort of Dr. Siddhartha P. Saikia in bringing together from around the globe twenty experts, the chapter-authors of the diverse aspects and perspectives on climate change.

Saravana, T. & Vanangamudi, K
Principles and Methods of Plant Breeding.

Rs. 595.00 (TB)

(Pub.2005) pp. xii+186

(ISBN: 81-7089-329-1)

SUMMARY

This book has been prepared especially for Undergraduate students of Agriculture and Postgraduate students of Agriculture whose area of specialization is Plant Breeding and Genetics. The first five chapters describe the fundamental concepts of Plant Breeding. The chapters sixth to eleventh broadly explain various methods of breeding in self-pollinated, cross-pollinated and asexually reproduced crops. Specific breeding methods like resistance breeding; mutation breeding, polyploidy breeding and distant hybridization were explained in twelfth to fifteenth chapters. While chapter sixteen contains matters regarding biodiversity, chapters seventeen through nineteen largely explains about the recent techniques in crop improvement like, gene patenting, biometrics and molecular marker assisted selection.



Seegerback, L. B.
Orchids of Malaya

Rs. 3950.00

(Pub.1992)
pp. vii+168, with 229 B/W & 26 colour Plates

(ISBN : 906191 700X)

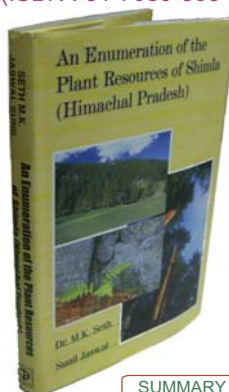
SUMMARY

This book describes 50 Genera with more than 130 species of indigenous Malayan orchids. All species treated in the text have at least one accompanying black and white photograph, and several are illustrated in full color. Species described are less known than the commonly cultivated species of *Coelogyne*, *Dendrobium*, *Cymbidium*, etc. It has comprehensive glossary of botanical terms. a comprehensive botanic glossary.

(ISBN : 81-7089-303-8) **Seth, M.K. and Sunil Jaswal**
An Enumeration of the Plant Resources of Shimla (Himachal Pradesh)

Rs. 895.00

(Pub. 2004)
pp. vi+180



SUMMARY

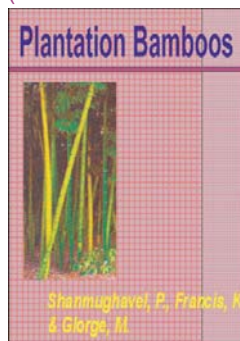
Shimla is rich in biodiversity and wild plant resources. It has been explored botanically by many workers, but the economic uses of plants of Shimla have not been enumerated. Only few

plants of Shimla are commercially important, others less known plants can be put to various uses according to their local usage and on the basis of relevant information from the available literature on such plants, information has been accumulated on plant resources from different parts of H.P., but not from Shimla. Keeping in view the *ibid*, all the possible uses of plants have been collected from various sources and are mentioned against each species in the present 'An Enumeration of Plant Resources of Shimla (Himachal Pradesh)'.

(ISBN: 81-7089-245-7) **Shanmughavel, P., Francis, K. & Glorge, M.**
Plantation Bamboos

Rs. 850.00

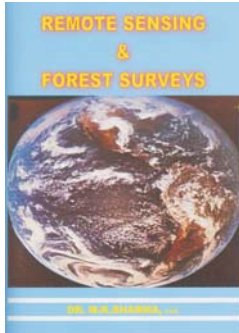
(Pub.1997)
Pp.xiii-192, with many colour plates, table & figs



CONTENTS

1. Introduction;
2. Distribution;
3. Taxonomy;
4. Ecological requirements;
5. Growth characteristics;
6. Establishment and Management;
7. Growth and development;
8. Biomass and Yield;
9. Felling cycle and fertilization application;
10. Introduction of Social forestry;
11. Need for raising bamboo plantation;
12. Problems and Prospects of bamboo plantation;
13. Utilization.

(ISBN: 81-7089-043-8) **Sharma, M. K.**
Remote Sensing & Forest Surveys



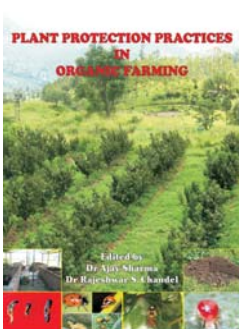
Rs. 795.00 (TB)

(Pub.1986)
 Rep.-2001

pp. xix+210

SUMMARY

The book "Remote Sensing and forest survey" deals with different aspects of remote sensing technology and its application to resources surveys with special emphasis on forest surveys. The book also describes specific cases of applications of remote sensing techniques in forestry, with special reference to work done in India.



Sharma, A. & Chandel, R.S.
Plantation Protection Practices In Organic Farming

Rs. 2500.00

(Pub.2010)
 pp. lx+565.

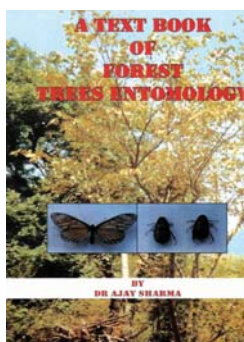
(ISBN: 81-7089-365-8)

SUMMARY

The key to successful organic food production lies in plant protection from various biotic enemies. In the book entitled "Plant Protection Practices in Organic Farming" a sincere effort is being made to provide the society all the practices which can be used in reducing the pest populations from our agricultural/ horticultural ecosystems and in turn may also reduce the pesticide pressure being exerted on our environment. In addition there are some chapters which do not directly address the issues pertaining to the plant protection but are of immense importance for the management of a healthy crop so as to get better returns. In the first chapter the authors have mentioned the importance of the organic farming and why it is so much needed in the present day scenario.

This chapter also covers the information on the various guidelines set for practicing Organic farming. In the second chapter the pesticide residues pertaining in different crops are highlighted. Third and fourth chapters contain exhaustive information on the biocontrol agents of various insect pests and the biopesticides available in the market to manage these pests respectively. In the fifth chapter the concept of nutrient management for the plants has been discussed. Sixth chapter is based on the information pertaining to the protected cultivation and the different structures used in this type of cultivation. Seventh and eighth chapters deal with the insect pests and diseases encountered in the poly houses respectively and their management without the use of chemical pesticides. The insect pests and disease of vegetables, temperate fruits, subtropical fruits and potatoes are covered in the separate chapters. Insect pests management of spices and cereal crops are covered in chapters sixteen and seventeen. The eighteenth chapter is on cultivation and utilization of medicinal plants. It covers the aspect of medicinal plants used as biopesticides against various insects. In the nineteenth chapter the wild fruits are discussed as they can be an important source in increasing the biodiversity in an area. After growing a good crop it is important to get good returns, and for that the yield is to be taken to a good market. The time between the harvest and the use of yield is very important as an appreciable portion is lost in this transit. The next chapter deals with how to minimize the post harvest losses in different crops. In the modern world biotechnology is playing an important role in the human life. The plant science is also not devoid of this important science. The transgenic plants and GMO's are important in the plant science. In the last chapter, role of biotechnology has been discussed in reference to the plant protection and its role in producing a crop organically.

All these chapters are of immense importance to the Farmers, Orchardists and Plant scientists and can act as a valuable source filling the gap that is prevailing in the know how producing the crop organically and to protect it from its enemies i.e. insects and diseases.



Sharma, A.
A Text Book of Forest Trees Entomology
Rs. 895.00

(Pub.2007)
 pp. viii +194.

(ISBN: 81-7089-350-X)

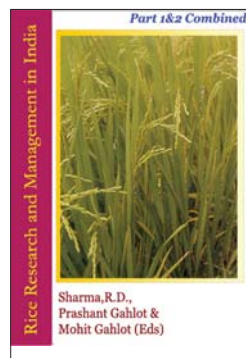
CONTENTS

Introduction; integrated Pest Management- A Novel Approach For Forest Pest Control; Monitoring & Sampling of Insects; Insect Pest & Diseases of Forest Nurseries & Their Control; Insect Pest of Seeds; Insect Pest & Diseases of Poplars; Insect Pest & Diseases of Shisham; Insect Pests & Diseases of Babul & Khair; Insect Pest & Disease of Eucalyptus; Insect Pest & Diseases of some indigenous fodder Trees; Insect Pest & Diseases of some exotic fodder trees; Insect Pests & Disease of some important timber trees; Insects pest & Disease of some other important trees; Insect Pest & Disease of Gamhar *Ailanthus* and *Albizia*; Treatment of Timber for Packaging; Reference.

SUMMARY

The book entitles "A Text Book of Forest Trees Entomology" is a maiden attempt to provide a document to which contains information about insect pests as well as disease of some important tree species. It is a sincere attempt to provide the basic information about these two important components, which form an important part of the ecosystem to the people who are interested in the study of insects and diseases associated with the forest trees. Up till now there is no document as such which contains information about the tree species useful in agroforestry systems. This lacuna will be filled to some extent by this book. This is an attempt keeping in view the requirements of Under Graduate and Post Graduate students perusing studies in Forestry. This book can also be helpful to the personal of forest department who are not professional entomologists but encounter pest problems in their day to day routine. They will be able to identify some of the commonly encountered insects in the forests by taking help of this book particularly the coloured plates in the book. This book is a maiden attempt to give collective information about insect pest and diseases of timber fodder and common agro forestry trees. The books earlier written have lot of information on the forest insects but there was need of a book which along with the information of insects can also give measures for their control and IPM in forestry. Along with discussions on biology and control of some common insect pests, a detailed discussion has been made on IPM in Forest and monitoring of pest populations. As we all know monitoring is a pre-requisite for successful management of a pest. So this part has also been discussed in length in the book. The classification of insect is also discussed in a very precise form.

(ISBN :81-7089-285-6)

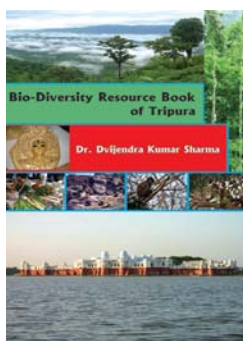


Sharma,R.D., Prashant Gahlot & Mohit Gahlot (Eds)
Rice Research & Management in India Par t1 & 2 Combined
Rs. 2400.00

(Pub. 2000) pp. 300

SUMMARY

This volume is the compilation of two issues of journal, Advances in Agricultural Research in India. It has two parts, the first part is devoted to Rice Research in India which highlights the research aspect of rice. The second part of the book devoted to Management, which highlights the management aspect of the rice.



Sharma, D.K.
Bio-Diversity Resource Book of Tripura
Rs. 695.00

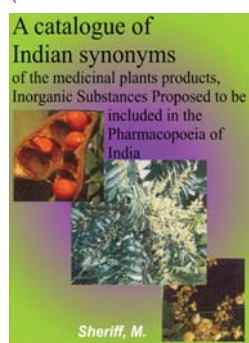
(Pub.2010)
 pp. v+518.

(ISBN: 81-7089-364-X)

SUMMARY

This manuscript on the Bio-diversity Resource of Tripura is about the natural treasure of the state and is published with the intention to serve as a manual on the forestry & the wildlife of Tripura state. The book illustrates vast bio-diversity, NTFPs and their sustainable use, and indigenous knowledge of the people of the state. Various issues on conservation, ecotourism development and forest tribal interface have also been described. A chapter has been added for the children and finally recommendations have been made to improve the existing practices. References have been quoted for those who have an eye for details. In brief, this endeavour is expected to provide information on the bio-diversity of the state and the ongoing programs of the forests department in the state to the scientists, academicians, foresters, students and the general public.

(ISBN : 81-7089-271-6) **Sheriff, M.**



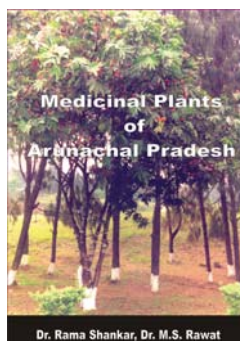
A Catalogue of Indian Synonyms: of the medicinal plants, products, inorganic substances proposed to be included in the pharmacopia of India

Rs. 2950.00

Rep. 2000
 pp. vii+676

SUMMARY

This book deals with comprehensive studies of plants and plant's products, inorganic substances, drugs which are being used in Indian continent by the Pharmacists and Doctors etc., with Synonyms of Medicinal plants, products, inorganic, and substances in fourteen languages.



Shankar, R.
Rawat, M. S.
Medicinal Plants of Arunachal Pradesh
Rs. 1200.00

(Pub.2011) pp. x+134.
 (ISBN: 81-7089-367-4)

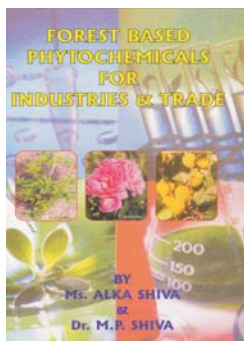
Rs. 1200.00

SUMMARY

The present monograph deals with an introductory account of land topography, geology and climate along with the people and the life of the tribal inhabitants. The floristic vegetation is distributed into tropical, sub tropical, temperate and alpine types, which included various types of plants used as food and vegetables in different localities by local inhabitants.

The exhaustive exploration of medicinal plants and folklore medicines in different parts of the state of Arunachal Pradesh in different seasons from 1988 to 2006 have been described in detail which covers the medicinal plants collected from various fields under natural climatic conditions, plants under cultivation and the folklore for which Latin name families, their Sanskrit name, Hindi and local names for each plants along with salient features, period of flowing and fruiting distribution and uses are described in brief. The method for the use of folklore medicines, have also been given in detail. Separate chapter has been used for the plants collected from the cultivated fields in different parts of the state under studies. Special attention has also been made to identify the rare and threatened medicinal plants on the localities and some strategies for the conservation of such valuable wealth has also been emphasized in the monograph. As per the requirement the monograph is supplemented with maps, line drawings and photographs. Separate chapters have been used for wasteland management and commercial prospects of medicinal plants in Arunachal Pradesh.

(ISBN: 81-7089-336-4) **Shiva, Alka. and Shiva, M.P.**



**Forest Based
Phytochemical for
Industries and Trade.**

Rs 895.00

(Pub. 2007)
pp. 210.

An actually demanding book is intended to offer guidance and help to all those who wish to start some chemical industry based on forest plants. Based on this idea,

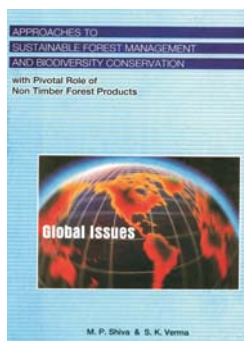
100 plant species on which industry can be established, have been short listed and relevant information have been briefly discussed in this book. This book can also offer insight to the foresters of India.

Shiva, M.P. and Verma, S.K.
**Approaches to Sustainable
Forest Management and
Bio-diversity Conservation**
(with Pivotal role of Non-
Timber Forest Products)

Rs. 1950.00 (TB)

(Pub 2002) pp. ix+508, tables
(ISBN: 81-7089-294-5)

The book deals in global scenario of Sustainable Forest Management and bio-diversity conservation including Pivotal role of Non Timber Forest Products. This Broad subject has been organised in eight chapters which covers marketing, trade, SFM and Bio-diversity conservation Approaches, Research Needs, Futuristic policy, and recommendations.



SUMMARY

Shiva, M. P.
A Handbook of Systematic Botany

Rs. 595.00 (TB)

(Pub.1986) (ISBN: 81-7089-035-7) pp. xvi+164

SUMMARY

This book covers all aspects in a simple form viz., history and System of classification, binomial system of plant nomenclature, modern trends in plant taxonomy, etc., with technical description of sixty four families of angiosperms and three families of Gymnosperms included in the syllabi along with their spot characters, floral formulae and diagrams, economic importance particularly relating to the indigenous forest species are represented in a concise and lucid form.

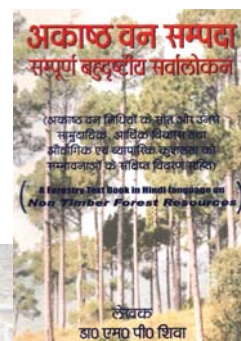
Shiva, M.P.

**अकाष्ठ वन सम्पदा : सम्पूर्ण
बहुदृष्टीय सर्वालोकन**

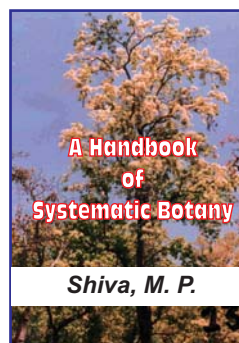
Rs. 1250.00 (TB)

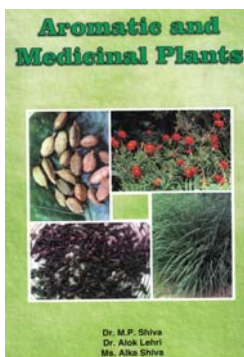
Pub. 2005, pp. xxiv+485

(ISBN: 81-7089-313-5)



वन व्यवस्था के आरम्भ से ही वन-विभाग द्वारा काष्ठ वन उपज को अधिक महत्व दिया गया। वनों से काष्ठ एवं ईंधन की लकड़ियों का अधिक व अव्यवस्थित दोहन करने से काष्ठ को अत्यन्त हानि हुई। इसके साथ-साथ वनों से अन्य खाद्य पदार्थ, जड़ी-बूटियाँ एवं अनगिनत उपयोगी पदार्थों का गौण-वन उपज के नाम से बिना किसी वन व्यवस्था के दोहन होता रहा। बढ़ती हुई जनसंख्या, नगरीकरण और औद्योगिकरण के कारण जब काष्ठ से वन विभाग की आय में कमी आने लगी, तब लगभग चार दशकों से आधुनिक वन व्यवस्था में काष्ठ के साथ अकाष्ठ वन-उपज को भी तभी से बराबर महत्व दिया जाने लगा। अकाष्ठ वन सम्पदा की सतत व्यवस्था से जहाँ एक ओर औद्योगिक तथा व्यापारिक कुशलता में उन्नति तो सम्भव है ही वहीं दूसरी ओर इससे सामुदायिक-आर्थिक विकास के साथ-साथ जैव-विविधता तथा पर्यावरण-संरक्षण में भी महत्वपूर्ण भूमिका का निर्वहन होता है। भारतवर्ष अपनी विभिन्न भौगोलिक परिस्थितियों के कारण वन सम्पदा में विश्व विख्यात है, लेकिन अव्यवस्था के कारण इन प्राकृतिक स्रोतों का अत्यन्त ह्रास हुआ है। इस पुस्तक (अकाष्ठ वन सम्पदा : सम्पूर्ण बहुदृष्टीय सर्वालोकन) में लगभग 3000 वन पादप प्रजातियों के विषय में जानकारी दी गयी है जो किसी अन्य पुस्तक में उपलब्ध नहीं है। पुस्तक को पूर्ण रूप से उपयोगी बनाने के लिए अकाष्ठ वन सम्पदा को लगभग 26 वर्गों के पदार्थों में वर्गीकरण करके, 17 अध्यायों में वैज्ञानिक ढंग से उल्लेख किया गया है। पुस्तक में यह भी दर्शाया गया है कि विभिन्न प्रजातियाँ किस प्रकार विभिन्न स्थानों में सामुदायिक-आर्थिक लाभ पहुँचा सकती हैं और किन अकाष्ठ वन प्रजातियों से औद्योगिकरण हो सकता है। इस पुस्तक के लेखक डा० एम० पी० शिवा ने जीवन पर्यन्त, लगभग 40 वर्षों तक, कार्य करने के उपरान्त यह दर्शाने का प्रयास किया है कि अकाष्ठ वन सम्पदा किस प्रकार राष्ट्रीय स्तर पर उपयोगी सिद्ध हो सकती है। आशा की जाती है कि यह ग्रन्थ सम्पूर्ण भारत के वनाधिकारियों, अनुसन्धान कर्ताओं, कृषकों, विद्यार्थियों तथा अन्य अकाष्ठ वन सम्पदा पर आधारित उद्योगों हेतु उद्यमियों आदि का उचित मार्ग दर्शन करेगा।





SUMMARY

Shiva, M. P; Alok Lehri and Alka Shiva

Aromatic and Medicinal Plants : Yielding Essential Oil for Pharmaceutical, Perfumery, Cosmetic Industries and Trade

Rs. 1950.00

(Pub. 2007)

(ISBN : 81-7089-287-2)

pp viii + 341,

Coloured Plates 20

This comprehensive book furnishes information on all aspects of about 69 commercially important plants, necessary for forest managers, policy makers, entrepreneurs and all other user groups, described under different sub-headings viz., botanical names, trade/common names, origin, habit and morphology, distribution, uses including active principles, climate and soil types, silvicultural requirements/characters, propagation and cultivation, harvesting techniques, value addition, production, marketing and trade, employment generation, short and long term gains, recommendations including research needs, reference and resource person/Organisation.

(ISBN: 81-7089-059-4) **Singh, O. P; Verma, S.N. & Nema, K. K.**



CONTENTS

Insect pests of Soybean in India

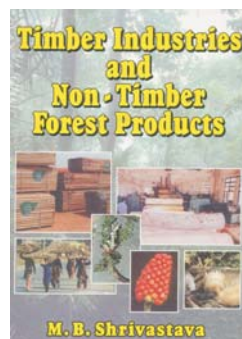
Rs. 850.00

(Pub. 1989)

pp.xiv+273, figs & plates

1. Introduction; 2. Germinating seed, Seedling and root feeders; 3. Stem borers; 4. Foliage feeders.

(ISBN: 81-239-1175-0)



SUMMARY

Shrivastava, M.B.

Timber Industries and Non-Timber Forest Products.

Rs. 1995.00

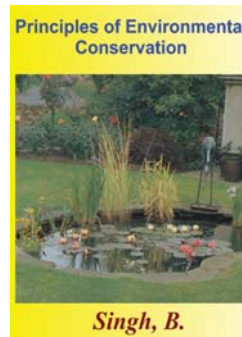
(Pub. 2005)

pp.x+516.

The emerging professionalism in Timber Trade and Forest Utilization, the growing number of forestry courses, wood-based industries, timber and non-timber forest products

courses call for an appropriate book, which should enable the novice to understand the various intricacies and ramifications in the subject and help those, who are already in the profession. This book combines theoretical as well as practical knowledge of the author. The book deals with the whole gamut of activities involved in forest industries, right from lumber technology, saw milling, types of saws, sawing operations and methods of sawing, sawmill equipments and layout, saw doctoring, portable sawmill, reconstituted wood products, adhesives, laminated lumber, veneer wood carbonization and by-products, shake and shingle industry, further processed wood products, complete utilization of wood and biomass to forest products other than timber, role of NTFP in national economy, policy and future management and international cooperation. A large number of diagrams have been included in the book to illustrate the subject under various conditions.

(ISBN: 81-7089-101-9)



SUMMARY

Singh, H. S.

Principles of Environmental Conservation

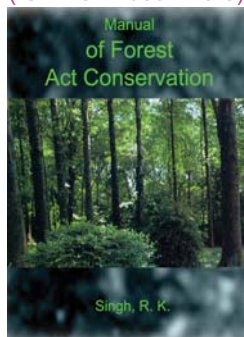
Rs. 795.00(TB)

(Pub.1989).

pp. vi+273

This book focuses the view point of an environmentalist with special in the natural resources conservation, and new strategies for the development. The book covers all the topics related to the ecological concepts, use of natural resources (land, water, Air, Forest, living resources, etc) and problems, and new strategies for conservation and development of the life support system.

(ISBN 81-7089-278-3)



Singh, R. K
Manual of Forest Act Conservation

Rs. 550.00

(Pub. 2000)
pp. 116

1. Introduction; 2. Forest (conservation) Act, 1980 Preamble and provisions; 3. Forest (conservation) Rules 1981 as amended upto May, 1992; 4. Procedure for obtaining

approval for Non-forestry use of the forest land under forest conservation Act.; 5. Consolidated guidelines for diversion of forest land under the forest (conservation) Act 1980 (revised on Oct 25, 1992); 6. Annexures.

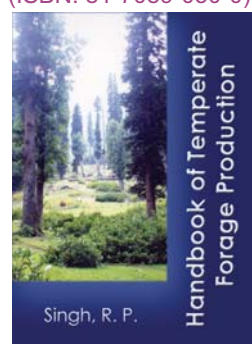
CONTENTS

Singh, R. P.
Handbook of Temperate Forage Production
Rs. 550.00

(Pub. 1986)
pp. v+109

This book covers most aspects and niches in temperate forage production and utilisation *vis a vis* under diversified climates, edaphic and social niches. The information gathered during the course of pretty long association with the flora, fauna and people of Himalayas have been presented in a simple, concised and attractive style for the understanding of common farmer and grass root level field worker.

(ISBN: 81-7089-050-0)



SUMMARY

Singh, Vir.
EcoCrisis in the Himalaya: Causes, consequences & way out

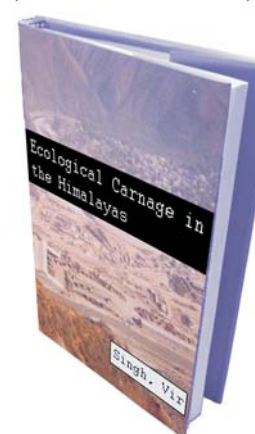
Rs. 1500.00

(Pub. 1993)
pp. xiv+490.

SUMMARY

The book attempts at a deeper understanding of the Himalayan perspective, problems, and solutions. The book deals with various options and strategies leading towards overcoming the crisis and charts out a possible alternative approach for sustainable development in the region.

(ISBN: 81-7089-226-0)



Singh, Vir. Sharma, R. J. & Anil Kumar
Ecological Carnage in the Himalayas

Rs. 550.00

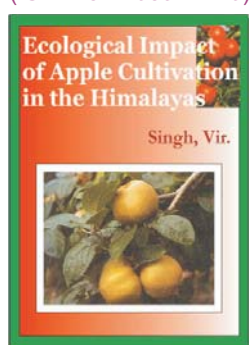
(Pub. 1995)
pp. vii+177

The book is written in 15 chapters by the eminent mountain scholars. The author attempts to present the scenario of ecological carnage in the Himalayas with concrete suggestions to avert and

SUMMARY

reverse the process.

(ISBN: 81-7089-114-0)



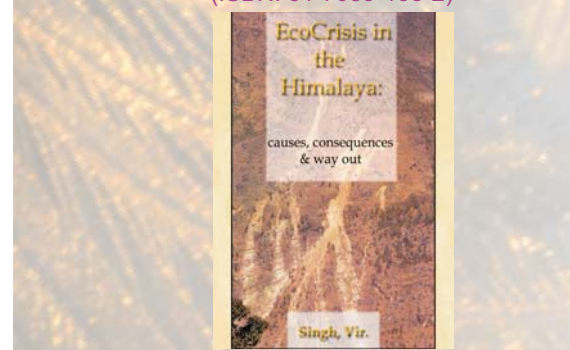
Singh, Vir.
Ecological Impact of Apple Cultivation in the Himalayas
Rs. 550.00

(Pub. 1991)
pp. viii +142

1. Introduction; 2. Towards apple based horticulture; 3. Apples: their area and production; 4. Ecological cost of cultivation; 5. Apple and chemical pollution; 6. Water use efficiency of apple production; 7. Apple's influence on hydrological cycle; 8. Nutrient losses through apple cultivation; 9. Long term ecological effects; 10. Economy of apple production; 11. Energy budget of apple cultivation; 12. Apple belt casting a dark shadow; 13. An alternative to apple farming; 14. Conclusion.

CONTENTS

(ISBN: 81-7089-158-2)



(ISBN: 81-7089-159-0)

**Ecology of Mangrove
Swamps of Andaman
Island**



Singh, V. P. & Garge, A.

CONTENTS

1. Introduction; 2. Environmental Factors; 3. Ecological and physiological adaptations; 4. Taxonomic Enumeration; 5. Pattern and process in Mangrove forests; 6. Functional aspects of Mangrove forests-Biomass; 7. Nutrient status in mangrove ecosystems; 8. Causes and consequences of mangrove destruction and management of the mangrove resources.

Singh, V. P. & Garge, A.
**Ecology of Mangrove
Swamps of Andaman
Island**

Rs. 795.00

(Pub.1993)
pp. 181

1. Introduction; 2. Environmental Factors; 3. Ecological and physiological adaptations; 4. Taxonomic Enumeration; 5. Pattern and process in Mangrove



Rs. 695.00

(ISBN: 81-7089-321-6)

Sinha, M. Biswanath, Mindjimba, K., & Jarne, A.
**Rural Poverty - Assessment and Livelihood
Strategies**

(Pub. 2005) pp. 210. 12 color plates

SUMMARY

Poverty in rural areas, particularly in developing country has been a subject of many theories and research. This book tries to investigate the interconnections between poverty and 'vulnerability'. The 'vulnerability' indices have been generated in the local context of Padavedu Panchayat in Thiruvunnamalai district of Tamil Nadu state in South India. It further examines in depth about the livelihood strategy of the local community there through different development initiatives. Joint Forest Management (JFM) and Micro-Credit programs there are critically analyzed. In the end, different areas of further study and recommendations are made.

The Alpine & Sub-Alpine
Vegetation of
South-East Sikkim

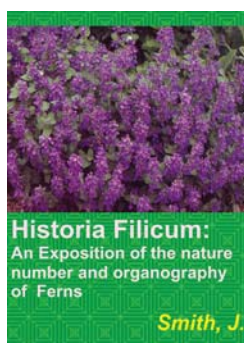
Smith, W. W. &
Cave, G.H.

Smith, W. W. & Cave, G.H.
**The Alpine and Sub-Alpine
Vegetation of South-East
Sikkim**

Rs. 650.00

(Pub.1913)
2nd Rep. 1992
pp xxxi+110

(ISBN: 81-7089-177-9)



Historia Filicum:
An Exposition of the nature
number and organography
of Ferns

Smith, J.

Smith, J.
**Historia Filicum: An
Exposition of the nature
number and organography
of Ferns**

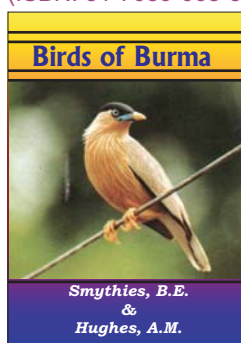
Rs. 750.00

(Pub.1875)
Rep 1981
pp. xiv+408

SUMMARY

This work is entitled the 'History of Ferns'. It must be understood that it does not describe species, nor does it treat their microscopical structure or chemical products. The chief aim of the work is to give the definition of genera, and their classification, founded on the different modes of growth venation and fructification.

(ISBN: 81-7089-068-3)



Birds of Burma

Smythies, B.E.
&
Hughes, A.M.

**Smythies, B. E. &
Hughes, A. M.**
Birds of Burma

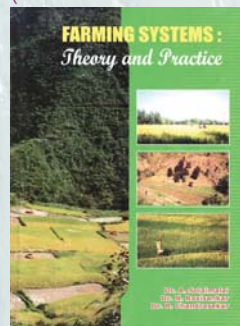
Rs. 4950.00

(Pub.1940)
Rep.1984
pp. xxix+589, with many
colored plates

This book aims at providing a concise and accurate account of the birds of Burma (Myanmar), written in non- technical language in response to the universal

demand for "Something not too scientific". At the same time, the book aims at laying a firm foundation on which the future study of the birds of Burma can be built. The information about each bird is given under the following heads: Scientific and English name, Allied forms, Local names, Identification, Voice, Habits and Food, that have been telescoped under the one head identification.

(ISBN : 81-7089-306-2)



Solaimalai, A.

Farming System: Theory and Practice

Rs. 1950.00(TB)

(Pub. 2005)

pp. viii + 698.

SUMMARY

Introduction to farming system research - Farming system research in agricultural development - Systems approach in farming system - Interactions in farming system - Farming systems for low lands - Farming system model for irrigated upland - Farming system for upland - Farming system for arid region - Farming system for drylands - Farming systems for coastal area - Farming system for hilly areas - Farming system for waste lands - Farming systems to prevent soil degradation - Farming system with biogas production - Rice-fish farming - Coconut based farming system - Crop-livestock farming system - Tree based farming system - Aquaculture based farming system - Dyke-pond farming system - Waste recycling in farming systems - Fodder production and conservation in farming system - Value added products from farming system - Use of biotechnology for sustainable farming system - Research methodology in farming system - Linear programming - Modeling in farming system - Homestead farming - Waste water farming - Organic farming - Precision farming - Biodynamic farming - Livestock components in farming system - Aquaculture components in farming system - Sericulture - Lac farming - Apiculture - Mushroom cultivation - Flower cultivation - Nursery keeping - Vermicomposting - References

(ISBN: 81-7089-052-7)



Sneep, J. ; Hendriksen, A.J.T; & Holebek, O
Plant Breeding Perspectives

Rs. 2950.00

(Pub.1987)

pp.xxv+435 and plates.

CONTENTS

1. Food supplies, nutrition and plant breeding; 2. Physiological Potential of crop production; 3. Crop genetic resources; 4. Current breeding methods; 5. Crop adaptation; 6. Resistance to pests and diseases; 7. Opportunities and Problems in the developing world; 8. Methods for the future; 9. Seed production and distribution; 10. Perspectives.

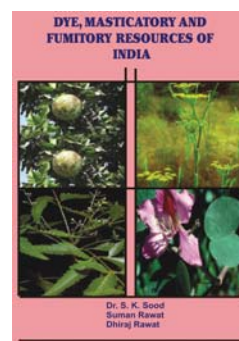
Sood, S.K.; Rawat, S. & Rawat, D.

Dye, Masticatory and Fumitory Resources of India

Rs. 1750.00

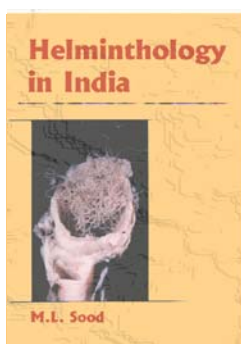
(Pub.2010) pp. 384.

(ISBN: 81-7089-359-3)



SUMMARY

The present treatise, the most comprehensive publication in the field so far providing up-to-date information on nomenclature, English, Hindi and Sanskrit names, distribution, reproductive cycle, part(s) used, folk use(s), active constituents, and biological activity of 686 species belonging to 439 genera and 153 families of dye, masticatory and fumitory resources of India, which has huge demand in domestic as well as in foreign market. Over 31 photographs, 1 histogram and 12 appendices enhance the value of the compilation significantly. It is hoped, this invaluable treatise with its comprehensive coverage of the subject would help new entrepreneurs, technocrats, existing units, professionals, institutional libraries or those who wants to diversify in this field.



SUMMARY

Sood, M. L.
Helminthology in India

Rs. 1950.00

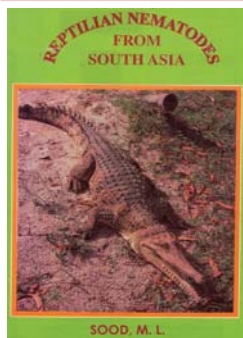
(Pub. 2003)
pp.xii+617,Figs & Plates.

(ISBN : 81-7089-293-7)

The Last two decades have witnessed numerous publications dealing with various aspects of Indian Helminthology, from different Scientists of diverse disciplines-Zoology, Medicine, Veterinary and others. The need has, therefore, arisen to bring together the different Scientists from various disciplines, on the same 'platform' to compile the available information in the form of critical review articles, highlighting the future prospects. This book consists of a collection of 30 essays that should serve as a useful reckoner. The contributors gives new and original information in the various discipline of Indian helminthology, from frog to man.

HIGHLIGHT OF THE BOOK:

New and original information in the various disciplines of Indian Helminthology, from frog to man. Maiden combined, singular effort of Zoologists, Medical and Veterinary Scientists. Useful reading for Helminthologists, Zoologists, Medicos, Veterinarians, Zoo-keepers and others.



SUMMARY

Sood, M. L.
Reptilian Nematodes from South Asia

Rs. 1500.00

(Pub.1999)
pp. xi+312, figs.

(ISBN : 81-7089-248-1)

The book gives a complete morphological account of the Nematodes Parasite of reptiles reported to date from South Asia (Bangladesh, Bhutan, Burma, India, Nepal, Pakistan, Sri Lanka). The Book is divided into four chapters dealing with introduction, description of the species, systematic position of the Nematodes and host parasite list.

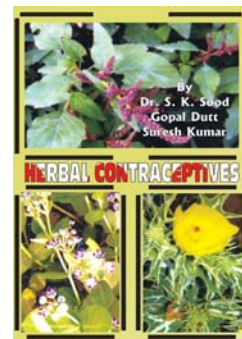
Sood, S. K.; Dutta, G., & S. Kumar
Herbal Contraceptives

Rs. 1250.00

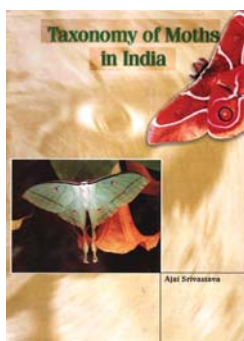
(Pub.2011)
pp. vii+223

The present compendium, the only of its kind available, is timely and presents a kaleidoscopic picture of our enormous ethnic resources on the herbal contraceptives, embracing usage of 377 species belonging to 295 genera under 116 families, of which a large majority are herbaceous. Over 20 photographs, 6 figures, 5 tables and 7 appendices enhance the value of the compilation significantly. Presented in a jargon-free style, it aims to stimulate cross-fertilization of ideas that will span the disciplines, and would help researchers and the medicinal plant industry in general to evolve some cheaper and safe substitutes for fertility regulation for curbing the menace of exploding humanity and make the world a better place for living. No botanical library should be without it.

(ISBN : 81-7089-368-2)



SUMMARY



Srivastava, A.
Taxonomy of Moths in India

Rs. 1500.00

(Pub.2002)

pp. vii + 334, figs, coloured plates 147 & many line figs.

(ISBN : 81-7089-282-1)

This book is an endeavour towards the systematic arrangement. The nomenclature have been updated in accordance with recent progress made in systematic research (Poole, 1989; Owada, 1995 and Scoble, 1995). This proposed checklist also includes synonyms; homonyms, misspellings, misidentification, Genetalic description with sketches.

SUMMARY

Southgate, D. D. & Disinger, J. F.
Sustainable Resource Development in the Third World

Rs. 850.00

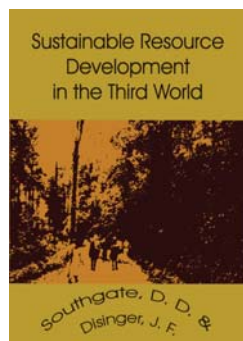
(Pub.1987)

Rep.1988.

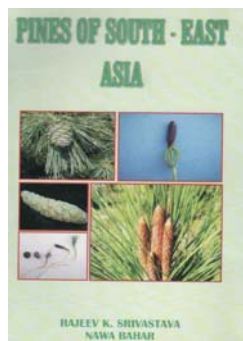
pp.vi+177, Tables,Figs,

1 Introduction, Part I- Overview; 2 Social forestry and development; 3 Soil erosion on cultivated steep-lands of the Humid Tropics and Subtropics; 4 What are the soil and water benefits of planting trees in developing country watersheds; 5 Renewable energy projects in developing countries: Contributing to success and failure, Part II- Social science analysis; 6 Economic analysis of renewable resource conservation in the third world; 7 The social dimension of natural resource management; 8 The economics of biological biodiversity: Apologetics or Theory. Part III- Case studies; 9 Evolutionary conservation project planning and implementation: NARMA in the Dominican Republic; 10 Environmental management Education: A model for sustainable natural resources development; 11 Implementing the world conservation strategy: Success stories from central America and Colombia; 12 The strategy of decentralized production and distribution of improved charcoal stoves in Kenya; 13 Sustainable development of natural resources I the third world: the human equation; 14 Postscript.

(ISBN:81-7089-100-0)



CONTENTS



Srivastava, P.K. (Dr.), & Dr. Nav Bhar.
Pines of South East Asia.
Rs. 1500.00

(Pub.2007)

pp.xiv+272 with 20 coloured plates.

(SBN: 81-7089-343-7)

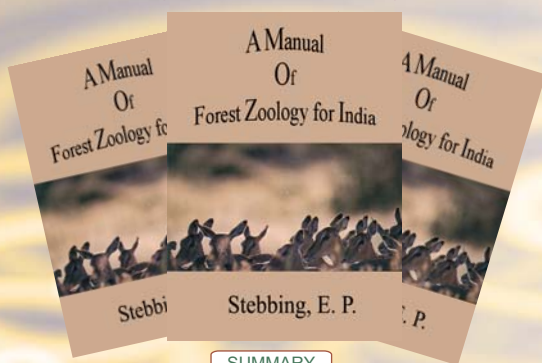
Pines are unique species of high economic, ecological, cultural and spiritual significance. They provide a multitude of benefits to

human beings, including highly nutritious nut like seeds of Chilgoza and durable fragrant wood, as well as other products. At the same time pine forests often have been and continue to be abused and managed for timber production, which destroys the pine production. The growth of world demand for pine nuts and stable high price call for better management of existing pine resources and for their cultivation within and outside native range. Pine was first investigated by Hippocrates, the father of Western medicine, for its benefits to the respiratory system. During the 1800's, tar from the pine was used in many medicines, especially for skin diseases like eczema and psoriasis. The needles were made into stuffing called pine wool that was thought to repel lice, fleas and other pests.

Pines are the pioneer species over much of their natural range and are active colonizers of degraded sites particularly the drier south facing slope. The species have thus great promise in afforestation programmes in their natural habitats. Much of the degraded areas in their habitat are deficient in organic matter, water holding capacity, nutrient availability and micro/macro fauna and are thus lacking in almost all the desirable physical, chemical and biological characteristics necessary to support species other than pines, which also do not always respond favourably to afforestation efforts. Increasing survival of out planted seedlings, reduction in cost of raising nursery and plantations, increasing productivity, etc. are some of the major concern of foresters, scientists and planners today. Pines being an important component of the Himalayan ecosystem, cost effective techniques of afforestation, and use of improved site matched planting material assume significance in the endeavours undertaken in the ecological rehabilitation of Himalayan region. Main species of pines found are Chir pine, Blue pine, Chilgoza pine and Khasi pine in India.

SUMMARY

(ISBN: 81-7089-089-6)



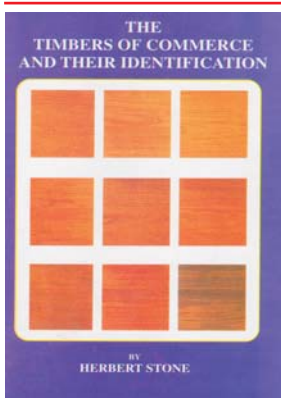
Stebbing, E. P.
A Manual of Forest Zoology for India

Rs. 1500.00 (TB)

(Pub. 1908) Rep. 1987.
pp.xxiii+229, plates-117.

SUMMARY

The author has dealt with the entire range of zoology in this book. The 14 chapters, each deals with one or more Phyla or a lower group giving their diagnostic characters. Due to its importance, forestry the class Insecta has been dealt with in detail.



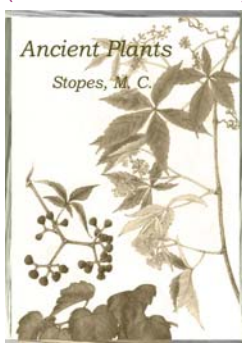
Stone, H.
The Timbers of Commerce and their Identification

Rs. 1350.00

Rep. 1985.
pp.xxxix+311, illus, Plates,

(ISBN: 81-7089-044-6)

(ISBN: 81-7089-021-7)



Stopes, M. C.
Ancient Plants

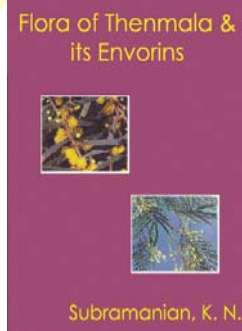
Rs. 550.00

(Pub.1910)
Rep.1984.
pp. 198

CONTENTS

1 Introduction; 2 Various kinds of fossil plants; 3 Coal, The most important of plant remains; 4 The seven ages of plant life; 5 Stages in plant evolution
6 Minute structure of fossil plants- Likeness to living ones; 7 Minute structure of the fossil plants- differences from living ones; 8 Past histories of Plant families.

(ISBN: 81-7089-229)



Subramanian, K. N.
Flora of Thenmala & its Environs

Rs. 1500.00

(Pub.1995)
pp.iii+516 ,
With many plates

SUMMARY

The Thenmala region still is one which is very dense and comparatively less depleted. The area is botanically little known and only very little information is available about the area. The book focuses on detailed knowledge about the flora of Thenmala forests would encourage efforts to conserve the forest and protect the valuable flora.

Subramanian, P. & Senthilnathan, S.
Forest Project Analysis and Management.

Rs. 595.00 (TB)

(Pub. 2004) pp. 125. (ISBN : 81-7089-307-0)

SUMMARY

Forest closely links human activities with nature. Similar to Agriculture, forests also reveal the wealth of a nation. Investment in Forestry and realisation of returns is taken care of by the State due to the long gestation period and several laws governing the exploitation of forest cover through several afforestation programmes and agroforestry projects. Both at the regional level and at the microlevel, the stakeholders in the forest development have to understand certain basic principles of economics and management as applied to a development project in the forest sector. This book is prepared with the undergraduate students of forestry in mind and hence the sophisticated mathematical applications are limited. It is believed that this book will be useful to them.



Swain, Debabrata

ASIAN ELEPHANTS: Past, Present and Future.

(Pub. 2004) pp. x+ 226 and 12 colour plates.

SUMMARY

The Book narrates with an extraordinary skill and erudition, many new and outstanding features of the grave threats to the Asian Elephants cooped up in small forest blocks fragmentation of habitats with devastated corridors caused by human artefacts, encroachments, unbridled mining preventing their movement from one feeding ground to another, thus making them restive within small confinements. Enriched with tell tale photographs, the book seeks to enjoy the first distinction of projecting the rock engravings at the "Hati-Gumpha"(Elephant Cave) and other historical sites, its visible presence in motifs in Orissan arts, and architecture. The book enjoys yet another distinction of projecting ground realities and practical experiences of the author, an elephant expert, instead of harping on theoretical assumptions thus making the book a prized possession of scholars, researchers, wildlife buffs, ecologists, environments, managers of PAs(Protected Areas) and Elephant Reserves. Many of the creative ideas in this masterpiece can help planners to spell out strategies to deal with man- elephant conflicts.



Subramanian, P. & Senthilnathan, S.
Production and Marketing of Forest Produce

Rs. 695.00 (TB)

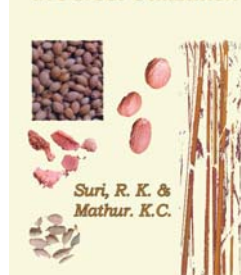
(Pub. 2004) pp. 145, (ISBN: 81-7089-309-7)

SUMMARY

Forest closely links human activities with nature. Similar to Agriculture, forests also reveal the wealth of a nation. Investment in Forestry and realisation of returns is taken care of by the State. Employment opportunities in the forestry sector are widening as the result of diversification, value addition, waste land development and bio-revolution. This book exposes to the readers the principles of production economics, farm planning, budgeting, marketing and institutional support for forestry. Contents of this book would benefit the entrepreneurs who venture into forest production, diversification and forest based small scale enterprises. It is also that this book will meet the curriculum requirements in the under graduate forestry degree programme.

(ISBN: 81-7089-067-5)

**Recent Trends
in Forest Utilization**



Suri, R. K. & Mathur, K.C.
Recent Trends in Forest Utilization

Rs. 995.00

(Pub.1984) pp. 142

SUMMARY

This book is a compilation of articles on oil seeds, Social forestry and medicinal plants from renowned scientists, researchers etc. The papers highlight the importance of chemical properties of plants for their industrial purposes.

Dr. Tewari, D. N. Contd.,

Forests Gardens Parks and Urban Environment

Rs. 1750.00

(Pub. 1995) pp. 370, plates
(ISBN: 81-7089-214-7)

SUMMARY

The book consists of ten chapters dealing with various aspects of Urban Forestry, Landscaping, Gardens and Parks of India and the world. It describes Mughal Gardens, gardens and parks of national importance and ICFRE gardens. Among the world gardens 55 Botanical Gardens and arboreta of 29 countries have been described in detail. An exhaustive bibliography has also been included as a chapter for detailed consultations.

Himalayan Eco-System

Rs. 1950.00

(Pub. 1994) pp. iv+355, with many plates
(ISBN: 81-7089-211-2)

SUMMARY

This book deals with the state of the art and policy issues for the sustainable management of the eco-system of Himalayan countries, and focuses on the mechanisms and technologies, acceptable to the communities of the region. It contains enhanced research accounts and essays from eminent environmentalists of the region who have vast experience and knowledge behind them.

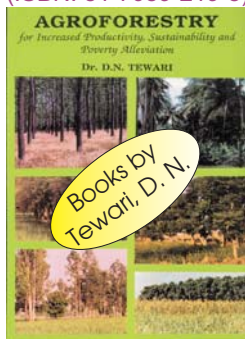
(ISBN: 81-7089-219-8)

Tewari, D. N.

Agroforestry for Increased Productivity, Sustainability and Poverty Alleviation

Rs. 4200.00

(Pub. 1995)
pp. 799, with colour plates
and figures.



SUMMARY

This book vividly describe agro-forestry systems and their promotional technologies, tree crop interaction and management in agro-forestry, nitrogen fixing and multipurpose trees, insect pests, diseases and genetic improvement of agro-forestry trees, utilisation of juvenile timber through improved processing and marketing of agro-forestry products. An exhaustive bibliography has been given as a separate chapter for detail consultation.



Important Plants of India

Rs. 3950.00

(Pub. 1994) pp+134, with 134 colour plates.
(ISBN: 81-7089-209-0)

SUMMARY

The book is the outcome of studies made on the scientific details of painting of plants of India by gifted and world famous plant artists, Rai Sahib Thakur Ganga Singh and Shri P.N Sharma. Their paintings are displayed in the famous of Forest Research Institute (FRI) Dehradun and they are delight to the eyes of thousands. These work stand unrivalled for their accuracy and freshness of colour. Each painting of plant is provided with description, vernacular names, phenology, distribution, means of propagation, and important uses for ready reference to the users.

Marketing and Trade of Forest Produce

NEW

Rs. 1100.00 (TB)

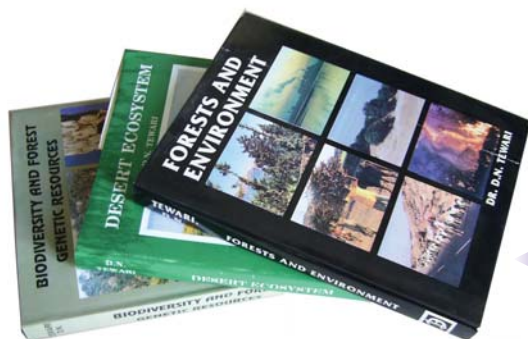
(Pub. 2007) pp. 140, many figs

(ISBN: 81-7089-227-9)

SUMMARY

The book vividly describe marketing of forest produce including the organizations of its distributions, sale, pricing policy and design, & promotion of products. Arbitrary supply/price fixing encourages corruption and results in price distortions and market failures. The book has following chapters: 1. Introduction; 2. Wood resources; 3. Chirpine (*Pinus roxburghii*); 4. Deodar (*Cedrus deodara*); 5. Sal (*Shorea robusta*); 6. Teak (*Tectona grandis*); 7. *Eucalyptus*; 8. Poplar (*Populus* spp.); 9. Bamboo

Dr. Tewari, D. N. Contd.,



Desert Ecosystem

Rs. 1750.00

(Pub. 1994) pp.xiii+351, 44 colour plates
(ISBN: 81-7089-215-5)

SUMMARY

This book depicts the world's desert ecosystems and describe in depth the Indian desert, its resources, different production systems including forestry, agroforestry, agriculture, horticulture, animal husbandry, mining, industries, etc. It also deals with the efforts made in alleviating hunger and poverty and bringing greenary and grainary to desert inhabitants through large scale afforestation, technological advances in sustainable development of resources, promoting awareness and education of local masses and by promoting international and national concerns on anti desertification programs and policies.

Biodiversity and Forest Genetic Resources

Rs. 1650.00 (TB)

(Pub. 1994)
pp. 329, with many plates.
(ISBN: 81-7089-200-7)

SUMMARY

The book contains information on following items:
1. Need for conserving and managing the diversity of forest genetic resources; 2 Seed technology and production of quality planting material; 3 Vegetative propagation by cutting and clonal propagation; 4 Developing tissue culture protocol of important species; 5 Provenance trial and isozymic studies for important tree species; 6 Tree improvement programme for multipurpose and nitrogen fixing and other important plant species.

Forest and Environment

Rs. 1500.00

(Pub. 1994) pp. 307 , with many plates
(ISBN : 81-7089-201-5)

SUMMARY

The book focuses on the vital role of Forest in protecting fragile ecosystems, watersheds and freshwater resources and storehouse of rich biodiversity. Forest is related to the entire range of environmental and development issues and opportunities. Forest provide wood and non-wood products- water, air, food, fodder, fuel, fibre, medicine, shelter, employment, recreation, habitats for wildlife, landscape diversity, carbon sinks and reservoirs, and other products. The book describes impact of forest on environment and suggests ways and means for achieving sustainable development.

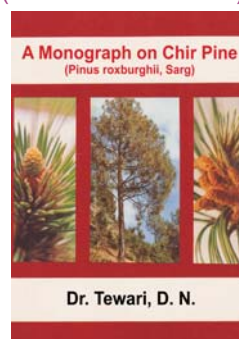
A Monograph on Chir Pine (*Pinus roxburghii*, Sarg)

Rs. 1750.00

(Pub. 1994)
pp. 311 with many colour plates

Among the principal pines found in India *Pinus roxburghii* commonly known as long leaved pine is the most important. This is one of the least exacting of the Himalayan trees growing sometimes on bare rocks where only a few species are capable of existing. It is a resinous tree capable of yielding resin continuously provided rill method of tapping is adopted. The monograph vividly describes morphology, anatomy, silviculture and management, genetics, growth and yield, utilisation of timber and non- timber products, marketing, and protection. A comprehensive bibliography has been compiled, covering all important work done so far. Since this species has great promise in afforestation programmes in degraded areas it is expected that the soils devoid of desirable organic matters, water holding capacity, nutrient availability, etc. can grow chir pine.

(ISBN: 81-7089-205-8)



Dr. Tewari, D. N. Contd..



Monograph on *Dalbergia sissoo*, Roxb

Rs. 1650.00

(Pub.1994) pp.316 many figs and plates
(ISBN: 81-7089-171-X)

SUMMARY

The present monograph deals with the researches carried out in the field of morphology and systematics, anatomy, silviculture and management, agro-forestry, genetic improvement, tree physiology, ecology and conservation, insects pest and diseases, growth and yield, wood properties and utilisation, etc. An exhaustive bibliography has also been included as a separate chapter for detailed consultation.

Monograph on Deodar (*Cedrus deodara* Roxb. G. Don)

Rs. 1550.00

(Pub. 1994) pp. 213, with plates
(ISBN: 81-7089-210-4)

SUMMARY

This monograph deals with morphology, anatomy, silviculture and management, insect and pest diseases, growth statistics and trade, wood properties and utilisation. An exhaustive bibliography has also been included as a separate chapter for detailed consultations.

Monograph on Gamari (*Gmelina arborea* Roxb.)

Rs. 950.00

(Pub. 2007) pp.125, with colour plates, figs
(ISBN: 81-7089-228-7)

SUMMARY

This monograph describes morphology, anatomy, silviculture and management, growth statistics, tree improvement, insects, pests and diseases, wood properties, and utilisation aspects. A detailed bibliography is also enclosed for reference.

Monograph on Khair, (*Acacia catechu*, Wild)

Rs. 1000.00

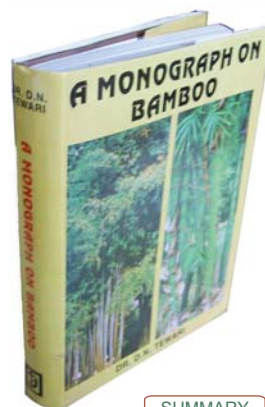
(Pub.1994) pp.127, with colour plates
(ISBN: 81-7089-218-X)

SUMMARY

The present monograph describes in detail the morphology, anatomy, silviculture and management, insects and pests diseases, growth and yield, utilisation and manufacture of 'Cutch' and "Katha". An exhaustive bibliography is given as a separate chapter for detailed consultation.

A Monograph on Bamboo

Rs. 1750.00



(Pub.1992)
pp.498; plates, figs and maps

(ISBN: 81-7089-176-0)

SUMMARY

The importance of Bamboo to rural community can hardly be over stressed since it is a versatile, multipurpose, forest species which contributes valuably towards the human economy providing a variety of goods. Even in

today's world of plastic and steel this fastest growing species has not only maintained its place as a contributor of daily needs but also attained significance as an industrial raw material. There are about 75 genera and 1250 species of bamboos, each of them having widely differing characteristics and uses, such as construction material, raw material for paper pulp and rayon, traditional cottage handicrafts and food, etc. Need has been felt for the dissemination of available technology and related information pertaining to successful raising of various bamboo species plantations at economical costs, under national afforestation programmes of greening the country. Towards the need an authentic but comprehensive and broad based compilation of information on bamboo has been felt for long. This monograph fulfills the above necessity and provides an insight into the theoretical and applied aspects of bamboo cultivation in Asia. It deals with distribution, management, protection, utilization and improvement aspects of different bamboo species and identifies the kind of knowledge and experience required in raising their successful plantations. Inter disciplinary in nature, this book also critically reviews the status of bamboo research and offers thoughtful directions for the future.

Dr. Tewari, D. N. Contd..

Monograph on Rosewood (*Dalbergia latifolia* Roxb.)

Rs. 1550.00

(Pub.1995)
pp.74, with colour plates
(ISBN: 81-7089-230-9)

SUMMARY

This monograph deals with the researches carried out in the field of morphology, anatomy, silviculture and management, insect, pests and diseases and utilisation, etc. An exhaustive bibliography has also been included as a separate chapter for detailed consultation.

Monograph on Teak (*Tectona grandis* Linn. F)

Rs. 1700.00

(Pub.1999)
pp.479 with plates, figs & tables
(ISBN: 81-7089-181-7)

SUMMARY

This book deals with different aspect of the species *Tectona grandis* (Teak) covering the fields of morphology, anatomy, silviculture, Management, Genetics improvement, Ecology, Biomass and Nutrient dynamics, Utilization, disease, insects and pest etc. It includes 4,000 references.

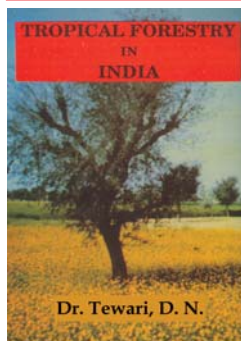
Tropical Forest Produce

Rs. 4200.00

(Pub.1994)
pp. 665, with many plates
(ISBN: 81-7089-182-5)

SUMMARY

The book covers information on Forest products obtained from tropical forest which has immense potential in contributing to the rural economy. Keeping this in view, there is need of systematic research, documentation of species, in situ and ex situ conservation practices. The book emphatically discusses these issues apart from describing utilisation and marketing practices of important forest produce.



SUMMARY

Tropical Forestry in India

Rs. 2100.00

(Pub. 1992)
Pp.387, with colour plates
(ISBN: 81-7089-187-6)

The book covers valuable information on the status of forest and forestry, Non wood forest products like food, fodder, etc., forest based industries, Wildlife, Forest influences, Forest Pathology, Forest

Entomology, Genetics and tree improvements, forestry research, Training and Education, and desert and Himalayan Eco system.

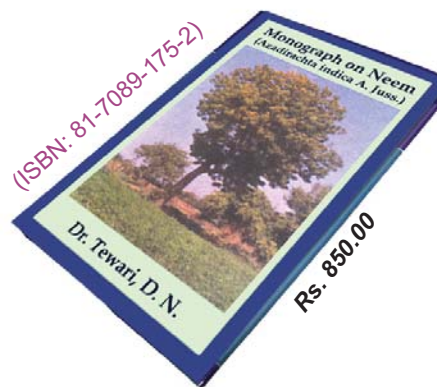
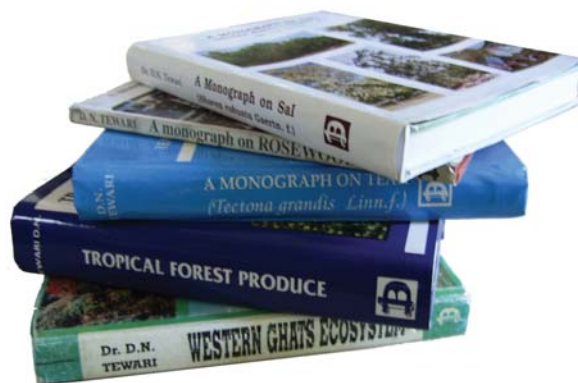
Monograph on Sal (*Shorea Robusta* Gaertn F.)

Rs. 1750.00

(Pub.1995) pp. 277, with plates
(ISBN: 81-7089-217-1)

SUMMARY

This monograph covers the morphology, anatomy, silviculture, management, ecology, biomass, nutrient dynamics, diseases and insect pest and their management, wood properties, seasoning and preservation, utilisation, growth statistics and marketing of Sal. A bibliography has been provided at the end for the benefit of those who seek further detailed information.



Monograph on Neem (*Azadirachta indica* A. Juss.)

(Pub. 1992)
Pp. 278 with figs.

CONTENTS

1 Introduction; 2. Morphology; 3. Anatomical features of leaf, bark and wood; 4. Silviculture and management 5. Genetics; 6. Insect Pest Problems and their management; 7. An overview: Neem in Pest Management; 8. Disease of Neem; 9. Utilisation of Neem; 10. Chemistry of Neem.

Dr. Tewari, D. N. Contd..

Western Ghats Ecosystem

Rs. 1800.00

(Pub.1995)

pp. 294,

With 30 colour plates & figs.

(ISBN: 81-7089-224-4)

SUMMARY

The book describes ecology, natural resource potential, bio-diversity and socio-economic activities of the region to promote income generating activities through conserving, upgrading and using natural resources, environmentally sound mining, sustainable tourisms, Employment generating schemes that increase the productive base.



Rs. 1500.00

Theodore, R.K. Selvaraj, G. and Rajasekar, D.D.
Farm Diversification for Sustainable Agriculture

(Pub.2002)

pp. xiii+299 fig, tables, map

(ISBN: 81-7089-296-1)

SUMMARY

This book is based on original research carried out in the Tambiraparani river basin, which is one of the important irrigation system of Tamil Nadu state. The study aims to measure the sustainability levels of diversified and non-diversified wetland farming system and to suggest emperical models for improving the sustainability of the region. The study reveals the ability of the allied sector activity to improve the economic viability, ecological soundness and overall sustainability status of the wetland farms.

वनों का मनमोहक संसार

Rs. 595.00

(Pub. 1991)

pp. 268

(ISBN: 81-7089-163-9)

अनुक्रम वानिकी इतिहास; वनों का धार्मिक एवं सांस्कृतिक महत्त्व; हिन्दी काव्य में वनों एवं वृक्षों का वर्णन; अंग्रेजी काव्य में प्रकृति, वन एवं वृक्ष; वन प्रकार; वनों के हास से जुड़ी समस्याएँ; झूम खेती; भारत में सामाजिक वानिकी; पर्यावरण एवं वन; पशु पक्षियों का धार्मिक एवं सहित्यक पक्ष; वन्य जीव; आदिवासी; राष्ट्रीय वन नीतियाँ, प्रथम वन नीतियाँ, दूसरी राष्ट्रीय वन नीति, तीसरी राष्ट्रीय वन नीति (1988); वन महोत्सव।



SUMMARY

Advances in Research & Technology of Seeds

Thomson, J. R.



Thomson, J. R.

Advances in Research and Technology of Seeds

Set. Rs. 4500.00

(Pub 1975

And 1982)

2 Parts (1 to 6 and 6 to 11)

(ISBN: 81-7089-142-6)

CONTENTS

Part 1. Introduction, Seed germination, Tree and shrub seed, Seed dormancy, Seed Pathology, Vigour of seeds.

Part 2 Introduction, weed seed investigation, Effects of radiation on seeds, Seed development and structure, Environmental and genetic factors affecting tree and shrub seeds.

Third World Network:

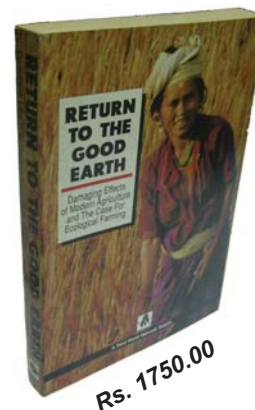
Return to the Good Earth:
Damaging Effects of Modern Agriculture and the Case for Ecological Farming

1990 pp. 570

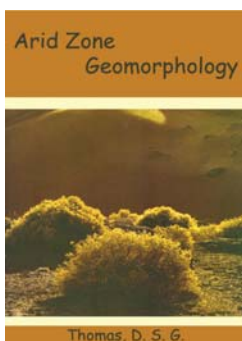
(ISBN: 983-99573-2-5)

CONTENTS

Modern Agriculture: Impact on the Third World; Modern Agriculture: Impact on the Environment; The Pesticides Problem; The Green Revolution; Seeds and Genetic Imperialism; The Biotechnology Treat; Towards Ecological Agriculture: Return to Natural Farming; Towards Ecological Agriculture: Natural Control of Pests; Towards Ecological Agriculture: Indigenous Farming Systems.



Rs. 1750.00



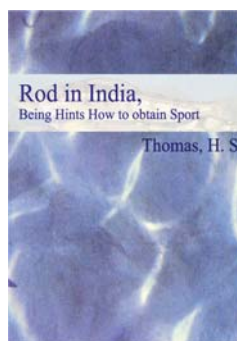
Thomas, D. S. G.
Arid Zone Geomorphology
Rs. 1500.00

(Pub.1989)
 Rep.1992. pp.vi+372

(ISBN: 81-7089-139-6)

CONTENTS

1 The nature of arid environment; 2. Weathering processes; 3. Desert crusts and varnishes; 4. Slope and pediment systems; 5. Run off generation and sediment mobilisation; 6. Channel form, flows and sediments in deserts; 7. The occurrence and role of arid zone alluvial fans; 8. Badlands and badlands Gullies 9. Playas



Thomas, H. S.
Rod in India, Being Hints
How to obtain Sport
Rs. 1250.00

(Pub. 1984)
 pp. xxvii+435; illus
 (ISBN: 81-7089-069-1)

CONTENTS

1 Introductory; 2 The Mahseer; 3 The natural history of the Mahseer; 4 Curcumventing the Mahseer; 5 Spinning for Mahseer; 6. How, When, and where to Fish for Mahseer; 7. Fly Fishing for Mahseer; 8. Gram Fishing for Mahseer; 9 Live bait fishing for Mahseer; 10 Pase baiting for Mahseer and others; 11. The carnatic crap; 12. Smaller fly- takers; 13. Bottom Fishing for Labeo; 14. Freshwater Sharks; 15. The Seetul, Batchwa, and Others; 16. The Murrul; 17. EELS; 18. Fishing in Estuaries; 19. Fishing on Hill Sanatoria.



Tiwari, S.C. and Dabral, P.P.
Natural Resources Conservation and Management
for Mountain Development

(Pub.2000)
 Pp xvii+604

SUMMARY

The book contains reviews and research papers of active workers on important themes of natural resources. The 33 articles of the book has been grouped under four parts namely, Biodiversity status and Management, and indigenous knowledge system and socio-economic development. The articles discussed in this volume are based upon advances made in the field of natural resources. Full coverage is given to natural resources, both physical and biological.

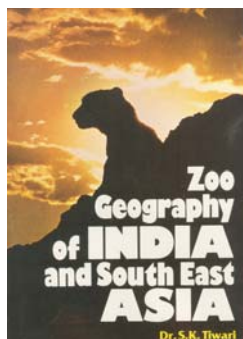
Tiwari, S.K.
Zoo Geography of India and South East Asia

Rs. 695.00

(Pub. 1985)

pp. x+460

The present book is an attempt to highlight the faunal richness of Oriental Region. The book explains in a lucid manner as to how different groups of vertebrate animals have radiated in the eastern archipelago of Asia, Indochinese peninsula, and in the sub-continental India. Distributional range of hundreds of species of freshwater fishes, amphibians, reptiles, birds and mammals have been arranged systematically. The book not only accounts for numerous faunal assemblages but also reminds for the need of conservation of so many splendid South East Asian species of animals, which are on the verge of extinction.



SUMMARY

Tiwari, K. M.
Social Forestry for Rural Development

Rs. 750.00 (TB)

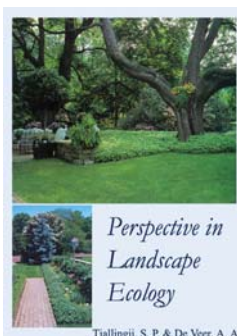
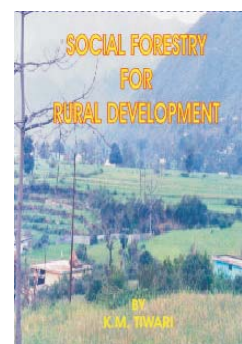
(Pub. 2000)

pp. 108, with plates

(ISBN 81-7089-274-0)

SUMMARY

The book is an attempt to demonstrate that tree planting in village is an important activity with significant social and economic benefits in particular, for employment potential of a plantation programme with the scope of income generation. This book deals with the planning aspects of tree planting practices and proposals with a view of ameliorating the living conditions of the weaker sections of society.



SUMMARY

Tjallingii, S. P. & De Veer, A. A.
Perspective in Landscape Ecology

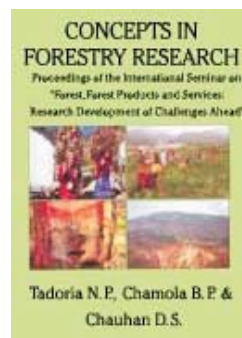
Rs. 1595.00

(Pub. 1981)

Rep. 1992. Pp. 344.

(ISBN: 81-7089-129-9)

This book is the proceeding of International congress organized by the Netherlands society for landscape ecology Veldhoven. The chapters in this book correspond to the congress themes: theoretical concepts; rural areas; urban-rural relations, and natural areas. One theme is added, that of methods and applications.



SUMMARY

Tadoria N. P., Chamola B. P. & Chauhan D. S.

Concepts in Forestry Research: Proceedings of the International Seminar on "Forest, Forest Products and Services: Research Development of Challenges Ahead"

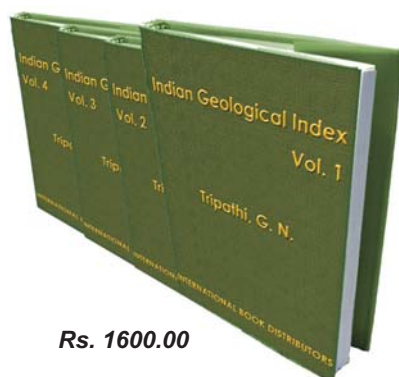
Rs. 2750.00

(Pub. 2007) pp. 430

(ISBN: 81-7089-344-5)

This volume contains articles/research papers on wide ranging areas of forestry research. The Editors have done a commendable job of bringing together all the information in the form of a book, which will be useful for researchers and students alike.

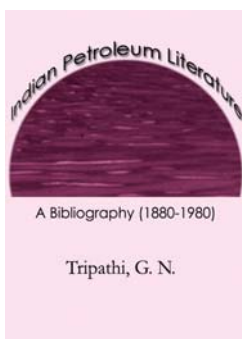
The contents of the book provide an insight into diverse uses of forests. It is hoped that it will fully cater to the needs of the different disciplines of forestry research.



Rs. 1600.00

Tripathi, G. N.
Indian Geological Index, Vols. 1-4

(Pub. 1971-1982),



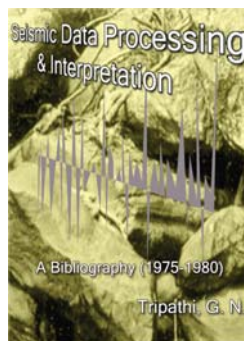
Tripathi, G. N.
Indian Petroleum Literature: A Bibliography (1880-1980)

Rs. 650.00

(Pub.1985)
 pp. xxii+288
 (ISBN: 81-7089-070-5)

SUMMARY

A matchless handy reference book covering literature of the past 100 years. It will be most useful for Petroleum Geologists Geophysicists, Chemists, Geophysicists, drilling and production Engineers and management, etc. It covers world literature, references taken from periodicals, conference, proceedings, Monographs, special Publications, Books, Bulletin, covering the period of past 100 years. A very helpful arrangement of the literature with author index, Geographical index, Keyword subject index.



Tripathi, G. N.
Seismic Data Processing & Interpretation: A Bibliography (1975-1980)

Rs. 350.00

(Pub.1981)
 Vol.1, pp. iv+83

SUMMARY

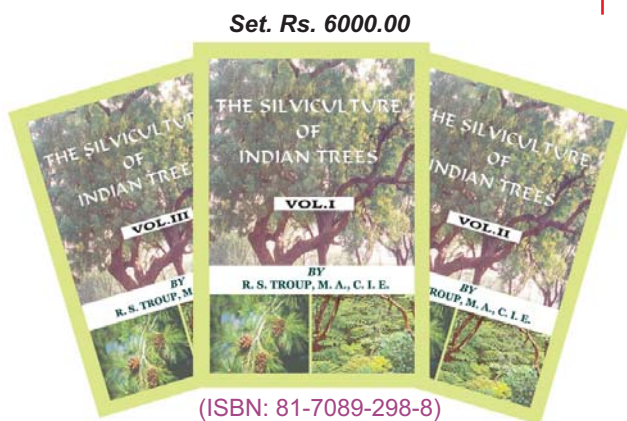
In this volume, reference is taken from world literature including conference proceeding, Monographs, periodical etc., which was published in the year 1975-80. This volume is divided into two sections 1- Seismic data processing and 2. Seismic data interpretation. Entries in each section have been arranged alphabetically author wise.

Troup, R. S.
The Silviculture of Indian Trees: Vols. (1-3)

(Pub.1921)
 Rep. 2003-2007.
 pp. 1196,
 Colored & B/W plates 490

SUMMARY

This book is in 3 volumes. As the title indicates this work deals with trees of India mainly from silvicultural point of view. Although this work deals primarily with forest trees of the Indo Burmese region, a certain number of exotics have also been included, such as *Eucalyptus* spp. The book deals with the most authentic scientific information into silvicultural aspects of Forest trees of India and Burma which is the outcome of research extending over more than twenty years.



Set. Rs. 6000.00

(ISBN: 81-7089-298-8)

T.W.F.T.
Quest for a Legendary Fish

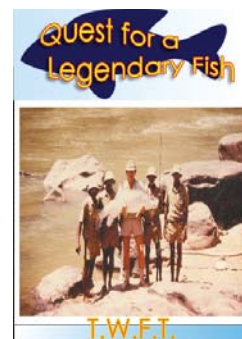
Rs. 495.00

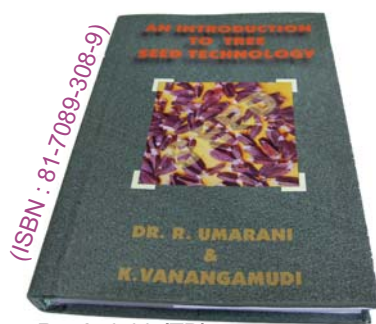
(Pub: 1984) pp. 160.

SUMMARY

Trans world fishing team was formed in 1974. Its objective was to seek out the largest freshwater fish in the world. Their first expedition in 1977 was to India in search of the Mahseer The legendary lion fish of Asia and supposedly extinct. This book is about the expedition: from its conception to its climax, from England to India and from Mahseer's supposed extinction to its re-statement as India's Premier sporting fish.

(ISBN: 81-7089-023-3)





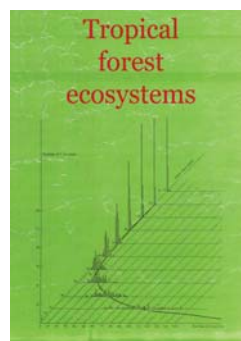
Rs. 850.00 (TB)

SUMMARY

**Umarani, R. and
K. Vanangamudi**
**An Introduction
to Tree Seed
Technology**

(Pub. 2004)
pp.vii + 200,

"Seed is an indispensable gadget, for all people involved with plant kingdom. Seed by itself, is a fascinating piece of art and Daphne J. Osborne admire thus the almost universal formation of the dry seed and its revival on the addition of water is nothing short of an evolutionary miracle." Understanding of molecular mechanisms of seed and development of technologies for best exploitation of seed's potential is all about Seed Science and Technology. It is important to sensitize the students about the basic mechanisms of seed and the applicability of seed related technologies. This book is written for advanced undergraduate and postgraduate students or a layperson that is interested to be introduced to Tree Seed Technology. The chapters of the book are arranged in such a way that the reader first gets acquainted with the intricacies of tree seed well. Later on, the biological systems of seed are dealt with to describe how seeds form, develop, mature, germinate or remain dormant. Thereafter, details of quality seed production are elaborated with due importance to the influence of agro- climatic and pollution factors involved. All the efforts generated to produce quality seeds should culminate in obtaining high vigor seedlings, for which seed handling techniques are imperative, therefore, chapter has been allocated to elaborate the methodologies and precautions to be followed during seed collection, extraction, drying, processing, treating, and storing. The chapter on synthetic seed production is included to reflect the large strides made in the recent years in the field of plant propagation. In order to make available right quality of seed, testing and certification of seeds has been implemented for agricultural and horticultural crops in India through Seed Acts. The same is yet to be extended for tree seeds also. The seed testing and certification procedures pertaining to trees seeds are provided in two chapters. The Book is designed to be straight- forward and reader- friendly. Figures and tables are provided at all necessary places to sustain the interest of the reader.



CONTENTS

UNESCO.
**Tropical Forest Ecosystem,
A State of -Knowledge
Report,**

Rs. 4950.00

Prepared by
UNESCO/UNEP/ FAO
(Pub.1978) Rep.1990. pp. 683
(ISBN:81-7089-126-4)

Part-I Description, Functioning and evaluation of tropical forest ecosystems; Part-II Man and the patterns of use of tropical forest ecosystems; Part-III Some regional case studies- Africa- America- Asia and Oceania.

Ungar, E. D.
**Management of Agro
pastoral Systems in a Semi-
arid Region**

Rs. 995.00

(Pub.1990)
Rep.1992, pp. ix+221

(ISBN:81-7089-184-1)

Preface; 1 Introduction; 2 Theoretical framework; 3 Outline of the agro pastoral model; 4 Strategic management decisions; 5 Tactical management decision; 6 Biological and financial frame work of simulation; 7 Validation; 8 Results of the agro astral model; 9 Summary; 10 references; 11 listing of model; 12 Model directory; 13 Index

Ungar, E. D.

Management
Of
Agro pastoral Systems
In a
Semi-arid Region

CONTENTS

**Ecology of
INDIAN RIVERS**
Unni, K. S.

Unni, K. S.
Ecology of Indian Rivers
Rs. 1500.00

(Pub 2003)
pp. vi+312, figs.
(ISBN: 81-7089-297-X)

This book is a consolidated literature review of most Indian rivers on an ecological point of view. The book covers different aspects of river studies including the phytoplankton, Zooplankton, benthos, Primary production, and bacteriology. The central theme of the book is to compare the different rivers and differentiate the highly polluted from least polluted, though the water quality and aquatic biota are changing within a short period.

SUMMARY



Vanangamudi K., K.T. Parthiban, M.Paramathma, K.R.V.Sathyasheela, K.Natarajan & T.Saravanan
Vegetative Propagation of Trees: Principles and Practices

(Pub. 2006) pp. 175

SUMMARY

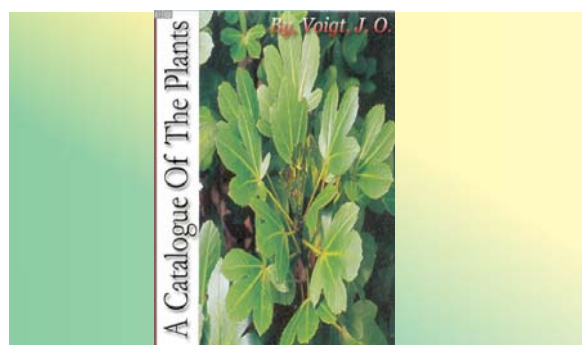
Tree improvement is achieved by clonal selection due to improvements in vegetative propagation techniques. The clonal propagation offers higher genetic gain than that is possible with seed propagation. The clonal technology facilitates rapid selection of outstanding genotypes from the clonal stocks of candidate trees for the exploitation of heterosis. The literature available on vegetative propagation is very extensive and not easily accessible. Hence this book attempts to consolidate the different aspects involved in the vegetative propagation of trees. The importance of vegetative propagation for tree improvement is discussed in the chapter 1. The knowledge of genetic variation of the forest populations is important in determining the efficiency of different selection procedures, therefore the criteria for the selection of superior tree is discussed in the chapter 2. The production of quality seedlings for better survival and growth after transplanting ultimately required better potting media and the chapter 3 gives meticulous information about this aspect. The function and practical application of different plant growth regulators is discussed in chapter 4. Production of large quantities of superior propagules is the great thrust in production forestry and hence the various propagation methods, structures, and hardwares for accelerating the process of production of superior clones is briefly discussed in the chapters 5, 6 and 7. The chapter 8 and 9 gives an account of various pest and diseases affecting the forest trees and their control measures. The successful vegetative propagation methods developed for the economically important trees is dealt in chapter 10. The chapter 11 includes the revolutionary works made through the tissue culture techniques by the induction of genetic variability through somatic hybridisation, induction of mutants, and DNA recombinant technology. Thus this book will serve the need of the students and the researchers studying/working in the field of forestry.

Voigt, J. O.
A Catalogue of the Plants

Rs. 1500.00

(Pub. 1845) Rep.1984,
 Pp.xxiv+745

(ISBN: 81-7089-071-3)





Veitch, J.
Manual of the Coniferae
Rs. 2500.00

(Pub.1880)
Rep. 1981.
pp. 350 ,with figs, Plates

This book is in three parts: Part I is a general review of the coniferous order. It contains a brief description of the structure of the coniferous wood, the organs of vegetation and fructification, the sections, economic

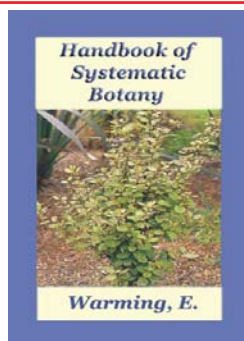
properties, dise; Part II contains a synopsis of Genera, species and varieties suitable for cultivation in Great Britain; Part III contains lists of the species and varieties suitable for different purpose for which coniferae are planted with some hints as to their treatment.

SUMMARY

Warming, E.
Handbook of Systematic Botany
Rs. 2500.00 (TB)

(Pub. 1900)
Rep.1994. pp. xii+620.
(ISBN: 81-7089-072-1)

Division I Thallophyta A. Sub division- Myxomycetes, Slime- Fungi B. Sub-division Algae C. Fungi Division II Muscineae Division III Pteridophyta Division IV Gymnospermae Division V Angiospermae



CONTENTS

Decision-Making in Forest Management



Williams M.R.W.

Williams M.R.W.
Decision-Making in Forest Management
(ISBN: 81-7089-127-2)

Rs. 1500.00
(Pub.1988) Rep.2008,
2nd ed.
pp. Xvii+133.

1. Introduction; 2. Time scales in financial calculations; 3. Using various compound interest/discount; 4. The price/size gradient; 5. The money yield table; 6. Discount revenue and expenditure; 7. Net Discount revenue; 8. The internal rate of return; 9. Other financial tools; 10. Computers in Forestry; 11. Computer application for decision-Making; 12. Use of computers in decision-making; 13. The planting decision; 14. The site improvement decision; 15. The thinning decision; 16. The felling decision; 17. The pruning decision; 18. Summary and conclusion

Strategies and designs for afforestation, reforestation and tree planting

Wiersum, K. F.

INTERNATIONAL BOOK DISTRIBUTORS

CONTENTS

Wiersum, K. F.
Strategies and Designs for Afforestation, Reforestation & Tree Planting
Rs. 2500.00

(Pub.1984)
Rep.2011. pp.vi + 432.
(ISBN: 81-7089-053-5)

Session 1 Forestation and development: aims and objectives; Session 2 Development of different forestation systems; Session 3 Diagnostic methodologies for forestation; Session 4 Analysis of specific design components of forestation; Session 5 National and International action for forestation; Discussion and final document.

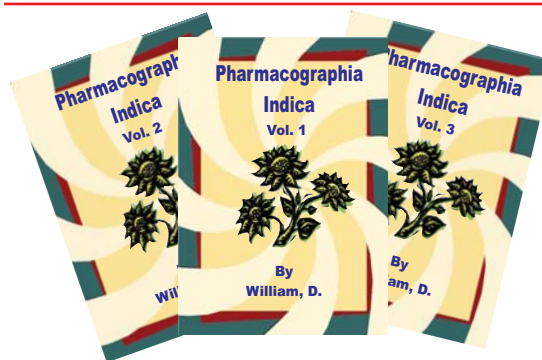
Wight, R. and Walker Arnott, G. A.
Prodromus Florae Peninsulae Indiae Orientalis
Rs. 2500.00

(Pub.1834)
Rep 1976, vol I,
pp. xxxvii+480

This book contains abridged descriptions of the plants found in the Peninsula of British India arranged according to the Natural system. Sample contents: Dicotyledones, Leguminosae, Rosaceae, Cactaeae Crassulaceae, Paronychiaceae, Cucurbitae, Haloragaeae, Onagrariae, myrtaceae, Melastomaceae, Membyleae, Combretaceae, Rhizophoreae, Salicariaeae, Terebinthaceae, Simarubeae.



SUMMARY



William, D.
Pharmacographia Indica Vols. (1-3) Set

Rs. 5100.00 Set

(Pub.1976)

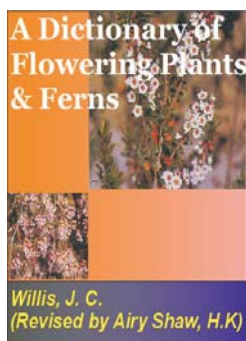
Willis, J. C.
(Revised by **Airy Shaw, H.K.**)
A Dictionary of Flowering Plants & Ferns

Rs. 3950.00

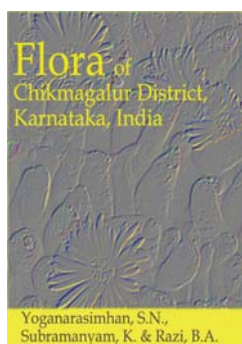
(Pub.1982)
pp. xxii+1245, LXVI

(ISBN: 81-7089-003-9)

Foreword; Preface; Introduction to Pteridophyta; Family names of Pteridophyta; The hybrid generic name of Orchids; Acknowledgements; Geographical areas; Signs and abbreviations; Dictionary of the flowering plants and ferns; Key to the families of flowering plants; System of Bentham and Hooker, 1862-93; Table of family equivalents; Index to order and groups of higher ranks.



CONTENTS

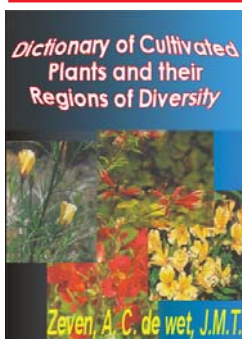


Yoganarasimhan, S.N., Subramanyam, K. & Razi, B.A.
Flora of Chikmagalur District, Karnataka, India
Rs. 1750.00

(Pub. 1982)
pp. vii+407
(ISBN: 81-7089-009-8)

This book deals with comprehensive study of plants which covers about 650 sq. kms, of forest in this district and stretches between 12 degree 55 minutes and 13 degree 47 minutes N Latitude and between 75 degree 5 minutes and 75 degree 50 minutes E longitude; the major part comprise the W. Ghats of the district.

SUMMARY



Zeven, A. C. de wet, J.M.T.
Dictionary of Cultivated Plants and their Regions of Diversity
Rs. 1500.00

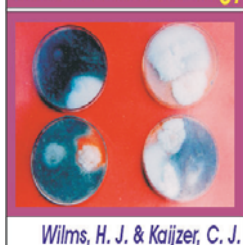
(Pub.1982)
Rep.1993.
pp 259, with maps & figs.

(ISBN: 81-7089-144-2)

CONTENTS

Preface; History of the work; origins of agriculture and domestication of plants; Cradles of agriculture and regions of diversity; 1 Chinese Japanese Region; 2 Indo-Chinese Indonesian region; 3 Australian region; 4 Hindustani region; 5 Central Asian Region; 6 Near Eastern region; 7 Mediterranean region; 8 African Region; 9 European-Siberian region; 10 South American Region; 11 Central American and Mexican region; 12 North American region; Species without an identified region; References; Index to Botanical names.

Plant Sperm Cells as Tools for Biotechnology



Wilms, H. J. & Kaijzer, C. J.

SUMMARY

hybridization and tissue culture. Sperm cell biotechnology of the cultivated crops is being relevant as a method of increasing quality and yield of agricultural products. Thus, the book presents a comprehensive outlook on the male germ unit, gametogenesis, sperm cell isolation and Plantbreeding

Wilms, H. J. & Kaijzer, C. J.
Plant Sperm Cells as Tools for Biotechnology

Rs. 950.00

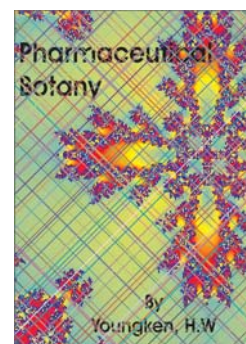
(Pub. 1988)
Rep., 1994. pp 187

(ISBN: 81-7089-202-3)

Youngken, H. W.
Pharmaceutical Botany
Rs. 1250.00

Rep1986.
pp. xxvii+692
(ISBN: 81-7089-051-9)

Chapter -I The scope of Botany, Chapter-II The general characteristics of plants, Chapter- III The microscope, Chapter-IV Historical Technique, Chapter-V Life history of the Male Fern, Chapter VI Vegetable cytology, Chapter- VII Plant Tissues, Chapter-VIII The Root, Chapter-IX The Bud, Chapter-X The Stem, Chapter- XI The Leaf, Chapter- XII The Inflorescence, Chapter- XIII The Flower, Chapter- XIV The Fruit, Chapter- XV The Seed, Chapter- XVI The Classification and the naming of plants, Chapter-XVII The Algae, Chapter- XVIII The fungi, Chapter- XIX The Lichens, Chapter- XX The Bryophytes, Chapter- XXI The Pteridophytes, Chapter-XXII The Spermatophytes, Chapter-XXIII The Dicotyledons, Chapter- XXIV The Monocotyledons, Chapter-XXV Ecology and Index.



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