# Journal of Tropical Ecology

### Volume 10 1994

Reprinted with the permission of the original publisher by Periodicals Service Company Germantown, NY 2009

Printed on acid-free paper.

This reprint was reproduced from the best original edition copy available.

#### NOTE TO THE REPRINT EDITION:

In some cases full page advertisements which do not add to the scholarly value of this volume have been omitted.

As a result, some reprinted volumes may have irregular pagination.

## Journal of Tropical Ecology

**VOLUME 10 1994** 

F.ditor

DR ADRIAN G. MARSHALL

Deputy Editors

DR M. D. SWAINE DR D. M. NEWBERY

Editorial Assistant

HEATHER M: SABNIS

#### Editorial Board

PROFESSOR J. KIKKAWA DR D. LIEBERMAN DR F. P. MALAISSE

DR E. MEDINA

PROFESSOR P. S. RAMAKRISHNAN DR. M. J. A. WERGER DR GONG WOOI-KHOON

PROFESSOR D. U. U. OKALI

Published for INTECOL by Cambridge University Press



### PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE

The Pitt Building, Trumpington Street, Cambridge CB2 1RP 40 West 20th Street, New York, N.Y. 10011-4211, USA 10 Stamford Road, Oakleigh, Melbourne 3166, Australia

© International Association for Ecology (INTECOL) 1994 Published for INTECOL by Cambridge University Press

Printed in Great Britain at the University Press, Cambridge

SHORT COMMUNICATIONS:  CHEN ZHANGHE et al.: Studies on biomass and production of the lower subtropical evergreen broad-leaved forest in Heishiding Nature Reserve, China. VI. Distribution, biomass and	
production of roots	273 281 285
BOOKS RECEIVED	280
BOOK REVIEWS:  PAINE, R. J. IUCN directory of protected areas in Oceania (D. Lamb)  FITTKAU, E. J. Studies on Neotropical fauna and environment. Special Issue: Life history traits in tropical invertebrates (J. M. Dangerfield)	182 272
Volume 10 Part 3 August 1994	
L. J. T. WHITE: Patterns of fruit-fall phenology in the Lopé Reserve, Gabon	289 313 323
BOOK ANNOUNCEMENT	336
<ul> <li>U. M. CHANDRASHEKARA and P. S. RAMAKRISHNAN: Vegetation and gap dynamics of a tropical wet evergreen forest in the Western Ghats of Kerala, India</li> <li>R. W. WRANGHAM et al.: Seed dispersal by forest champanzees in Uganda</li> <li>D. De STEVEN: Tropical tree seedling dynamics: recruitment patterns and their population consequences for three canopy species in Panama</li> <li>L. POORTER et al.: Spatial distribution of gaps along three catenas in the moist forest of Taï National Reserve, Ivory Coast</li> <li>E. BARRIOS and R. HERRERA: Nitrogen cycling in a Venezuelan tropical seasonally flooded forest; soil nitrogen mineralization and nutrification</li> <li>K. VINK and E. SRI PURWANTI: Population dynamics of two sympatric isopod species in a pine forest in central Java, Indonesia</li> </ul>	337 355 369 385 399 417
SHORT COMMUNICATIONS  J. R. STALLINGS et al.: Use of space, and activity patterns of Brazilian Bamboo Rats (Kannabateomys amblyonyx) in exotic habitat  P. J. STEPHENSON: Seasonality effects on small mammal trap success in Madagascar.  R. T. CORLETT: What is secondary forest?	431 439 . 445
BOOK REVIEWS:  BALSLEV, H. Neotropical montane forests. Biodiversity and conservation (M. D. Swaine)  HALFFTER, G. La diversidad biológica de Iberoamérica (A. Estrada)  NATIONAL RESEARCH COUNCIL (US). Sustainable agriculture and the environment in the humid tropics (R. E. L. Naylor)	383 384 448
BOOKS RECEIVED	438
Volume 10 Part 4 November 1994	
<ul> <li>JM. THIOALLAY: Structure, density and rarity in an Amazonian rainforest bird community</li> <li>A. T. OLIVEIRA-FILHO: Effects of soils and topography on the distribution of tree species in a tropical riverine forest in south-eastern Brazil</li> <li>P. OLIVEIRA and P. GIBBS: Pollination biology and breeding systems of six Vochysia species</li> </ul>	449 483