

Journal of Tropical Ecology

**Volume 12
1996**

**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 12 1996

Editor

D. M. NEWBERY

Editorial Board

F. BONGERS

R. KITCHING

D. LIEBERMAN

M. NORDIN

D. POMEROY

H. H. T. PRINS

M. LIEBERMAN

E. V. J. TANNER

M. J. A. WERGER

Published in association with INTECOL by Cambridge University Press



PUBLISHED BY
THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Edinburgh Building, Cambridge CB2 2RU, United Kingdom
40 West 20th Street, New York, N.Y. 10011-4211, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

© Cambridge University Press 1996
Published in association with INTECOL (International Association for Ecology).

Printed in Great Britain at the University Press, Cambridge

Contents

Volume 12 Part 1 January 1996

P. MUCUNGUZI & H. ORYEM-ORIGA: Effects of heat and fire on the germination of <i>Acacia sieberiana</i> D.C. and <i>Acacia gerrardii</i> Benth. in Uganda	1
J. M. VAN GROENENDAEL <i>et al.</i> : Aspects of the biology of the gregarious tree <i>Cordia elaeagnoides</i> in Mexican Tropical deciduous forest	11
D. A. KING: Allometry and life history of tropical trees	25
T. T. STRUHSAKER <i>et al.</i> : Elephants, selective logging and forest regeneration in the Kibale Forest, Uganda	45
R. BORCHERT: Phenology and flowering periodicity of Neotropical dry forest species: evidence from herbarium collections	65
L. J. VITT <i>et al.</i> : Behavioural ecology of <i>Tropidurus hispidus</i> on isolated rock outcrops in Amazonia	81
A. VALIENTE-BANUET <i>et al.</i> : Ecological relationships between columnar cacti and nectar-feeding bats in Mexico	103
T. H. KUNZ & G. E. F. McCracken: Tents and harems: apparent defence of foliage roosts by tent-making bats	121
C. A. KLINK: Germination and seedling establishment of two native and one invading African grass species in the Brazilian cerrado	139
K. A. KHAN <i>et al.</i> : Ungulate densities and biomass in the tropical dry forests of Gir, Gujarat, India	149

SHORT COMMUNICATIONS

A. G. FARJI BRENER & J. F. SILVA: Leaf-cutter ants' (<i>Atta laevigata</i>) aid to the establishment success of <i>Tapirira velutinifolia</i> (Anacardiaceae) seedlings in a parkland savanna	163
A. MARTINIZ-YRIZAR <i>et al.</i> : Net primary productivity of a tropical deciduous forest ecosystem in western Mexico	169

Volume 12 Part 2 March 1996

A. D. POULSEN: Species richness and density of ground herbs within a plot of lowland rainforest in north-west Borneo	177
J.-P. PASCAL & R. PELISSIER: Structure and floristic composition of a tropical evergreen forest in south-west India	191
D.-L. WU <i>et al.</i> : A comparison of ground-dwelling small mammal communities in primary and secondary tropical rainforests in China	215
R. CONDIT <i>et al.</i> : Changes in tree species abundance in a Neotropical forest: impact of climate change	231
J. D. MAJOR: Ant colonization of rehabilitated bauzite mines at Trombetas, Pará, Brazil	257
K. GERHARDT: Germination and development of sown mahogany (<i>Swietenia macrophylla</i> King) in secondary tropical dry forest habitats in Costa Rica	275
J. L. ANDRADE & P. S. NOBEL: Habitat, CO ₂ uptake and growth for the CAM epiphytic cactus <i>Epiphyllum phyllanthus</i> in a Panamanian tropical forest	291

SHORT COMMUNICATIONS

N. NYKVIST: Regrowth of secondary vegetation after the 'Borneo fire' of 1982–1983	307
B. M. ANDRADE <i>et al.</i> : Pollination and breeding system of <i>Xylopia brasiliensis</i> Sprengel (Annonaceae) in south-eastern Brazil	313