Volume 19 Number One March 1987

Editor: E. Raymond Heithaus

Biology Department, Kenyon College Gambier, Ohio 43022, U.S.A.

Associate Editors: John D. Bultman

Chemistry Division, Code 6124 Naval Research Laboratory Washington, D.C. 20375, U.S.A.

Jav S. Tashiro

Biology Department, Kenyon College Gambier, Ohio 43022, U.S.A.

Editorial Advisory Board

Michael G. Emsley, Department of Biology, George Mason University, Fairfax, Virginia 22030, U.S.A.

Francis Hallé, Laboratoire de Botanique, Institut Botanique, 34000 Montpellier, France

B. Adebayo Lasebikan, University of Ife, Ile-Ife, Nigeria

Ghillean T. Prance, The New York Botanical Garden, Bronx, New York 10458, U.S.A.

Paul W. Richards, 14 Wootton Way, Cambridge, CB3 9LX, United Kingdom

ISSN: 0006-3606

The Association for Tropical Biology

Statement of Purpose

The Association for Tropical Biology was incorporated in 1963 as an international society to promote investigations of tropical biology in its broadest sense, and to promote and support the strengthening of personnel to obtain this end.

Officers for 1987

President: José Sarukhán, Instituto de Biología, UNAM, Apartado Postal 70-233, México 20, México

Past President: Dieter Mueller-Dumbois, Botany Department, University of Hawaii, Honolulu, HI 96822, U.S.A.

Executive Director: Paul A. Opler, Editorial Office, U.S. Fish and Wildlife Service, Colorado State University, Fort Collins, CO 80523, U.S.A.

Secretary-Treasurer: Elsa Zardini, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166, U.S.A.

Councilors, 1986–1987: Kamaljit S. Bawa, Department of Biology, University of Massachusetts, Boston, MA 02125, U.S.A. Ariel E. Lugo, Institute of Tropical Forestry, P.O. Box AQ, Rio Piedras, PR 00926, U.S.A. Julian Steyermark, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166, U.S.A.

Councilors, 1987–1988: James Hebrard, Department of Zoology, University of Nairobi, P.O. Box 30197, Chiromo, Kenya Margaret Lowman, The University of New England, Armidale, N.S.W. 2351, Australia Madhav Gadqil, Indian Institute of Science, Bangalore-560 012, India

Membership

Membership is open to persons interested in tropical biology. Members receive *Biotropica* and are exempt from paying page charges for publishing papers in *Biotropica*. Members' dues are based on geographical location (all in U.S. dollars):

Australia, Canada, Europe, Japan, New Zealand and U.S.A.—\$28 All other countries—\$18

Library subscriptions for *Biotropica* are \$40. Persons interested in joining should send the membership fee (in U.S. dollars, drawn on an American bank) to Dr. Elsa Zardini, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166, U.S.A. (telephone 314-577-9507).

Editorial Office: Manuscripts and correspondence concerning editorial matters should be addressed to E. Raymond Heithaus, Editor, BIOTROPICA, Biology Department, Kenyon College, Gambier, Ohio 43022, U.S.A. Prospective authors should follow guidelines for preparation of manuscripts given inside the back cover of each issue of BIOTROPICA.

Business Office: Requests for information about subscriptions, back issues, and other noneditorial matters should be addressed to Elsa Zardini, Secretary-Treasurer ATB, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166, U.S.A.

Publication Office: Allen Press, Lawrence, Kansas.

Changes of Address: Send to the Secretary-Treasurer at the business office.

BIOTROPICA (ISSN 0006-3606) is published quarterly for \$28 per year by the Association for Tropical Biology, Inc., Missouri Botanical Garden, 2345 Tower Grove Ave., St. Louis, MO 63110. Application to mail at second-class postage rates paid at St. Louis and additional mailing office. POSTMASTER: Send address changes to *BIOTROPICA*, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166.

¹ BIOTROPICA is published four times yearly.