## EDINBURGH JOURNAL OF BOTANY

AN INTERNATIONAL JOURNAL OF PLANT SYSTEMATICS AND BIODIVERSITY

VOLUME 53, No.3



## EDITORIAL BOARD

Professor John Raven FRSE FRS (Editor-in-Chief/Chairman)

University of Dundee

Dr Brian Coppins (Senior Editor)

Royal Botanic Garden Edinburgh

Erica Schwarz (Production Editor)

Royal Botanic Garden Edinburgh

Dr Toby Pennington (Book Review Editor)

Royal Botanic Garden Edinburgh

Dr Paul Cannon

International Mycological Institute, Egham

Professor Geoffrey Dixon

SAC and University of Strathclyde, Auchincruive

Dr Peter Gibbs

University of St Andrews

Norma Gregory

Royal Botanic Garden Edinburgh

Professor Hu Chi-ming

South China Botanical Institute, Guangzhou

Professor Per Magnus Jørgensen

University of Bergen

Dr Kathleen Kron

Wake Forest University, Winston-Salem

David Long

Royal Botanic Garden Edinburgh

Professor John McNeill

Royal Ontario Museum, Toronto

Dr Robert Mill

Royal Botanic Garden Edinburgh

Dr Dan Nicolson

Smithsonian Institution, Washington

Professor Franz Oberwinkler University of Tübingen

Professor Peter Raven

Missouri Botanical Garden, St Louis

Professor Clive Stace University of Leicester Professor Benito Valdés University of Seville

## SUBSCRIPTIONS

Edinburgh Journal of Botany (ISSN 0960-4286) is published three times a year in March, July and November. Three parts form a volume. The subscription price of volume 53 (which includes postage, but excludes VAT) is £80.00 (US \$136.00 in the USA, Canada and Mexico). Single parts are £29.00 net (US \$49.00 in the USA, Canada and Mexico) plus postage. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered subscribers should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan. Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or direct to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU, UK; or in the USA, Canada and Mexico: Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211, USA. Copies of the journal for subscribers in the USA, Canada and Mexico are sent by air to New York to arrive with minimum delay.

## COPYING

The *Journal* is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organisations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to C.C.C. of the per-copy fee of \$11.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0960-4286/96/\$11.00 + 10.

ISI Tear Sheet Service, 3501 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorised to supply single copies of separate articles for private use only.

Organisations authorised by the Copyright Licensing Agency may also copy material subject to the usual conditions.

For all other use of material from the *Journal* permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

Information on *Edinburgh Journal of Botany* and all other Cambridge journals is available on http://www.cup.cam.ac.uk/ and in North America on http://www.cup.org/.

Typeset, Printed and Bound by The Charlesworth Group, Huddersfield, UK, 01484 517077

© Trustees of the Royal Botanic Garden Edinburgh (1996).