EDINBURGH JOURNAL OF BOTANY

AN INTERNATIONAL JOURNAL OF PLANT SYSTEMATICS AND BIODIVERSITY

Editor DR DAVID MIDDLETON

Chairman of the Editorial Board PROFESSOR JOHN RAVEN

VOLUME 67 2010

No. 1	pages	1-184 (Published	16 February 2010)
No. 2		185-352 (Published	7 June 2010)
No. 3		353-496 (Published	15 October 2010)



PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE

The Pitt Building, Trumpington, Cambridge CB2 1RP, United Kingdom

CAMBRIDGE UNIVERSITY PRESS

The Edinburgh Building, Cambridge CB2 8RU, United Kingdom 32 Avenue of the Americas, New York, NY 10013–2473, USA 477 Williamstown Road, Port Melbourne, VIC 3207, Australia C/Orense, 4, planta 13, 28020 Madrid, Spain Lower Ground Floor, Nautica Building, The Water Club, Beach Road, Granger Bay, 8005 Cape Town, South Africa

© Trustees of the Royal Botanic Garden Edinburgh (2010)

Printed by Latimer Trend, Plymouth, UK

CONTENTS OF VOLUME 67 (2010)

Vol. 67, No. 1, March 2010

<i>Mandevilla catimbauensis</i> (Apocynaceae), a new species from the semi- arid region, Pernambuco, Brazil. R. F. DE SOUZA-SILVA, A. RAPINI & J. F.	
Morales	1
Vaccinium on the edge. S. P. VANDER KLOET & T. S. AVERY	7
Important Plant Areas in the Arabian Peninsula. T. M. AL-ABBASI, A. AL-FARHAN, A. W. AL-KHULAIDI, M. HALL, O. A. LLEWELLYN, A. G. MILLER & A. PATZELT	25
Important Plant Areas in the Arabian Peninsula: 1. Jabal Qaraqir. O. A. Llewellyn, M. Hall, A. G. Miller, T. M. Al-Abbasi, A. H. Al-Wetaid, R. J. Al-Harbi, K. F. Al-Shammari & A. Al-Farhan	37
Lectotypification and status of <i>Pedicularis oederi</i> Vahl var. <i>heteroglossa</i> Prain (Orobanchaceae). P. K. PUSALKAR & D. K. SINGH	57
A new species of <i>Riedelia</i> (Zingiberaceae) from Papua, Indonesia. M. F. NEWMAN	65
Further notes on a rare species of <i>Selaginella</i> (Pteridophyta – Selaginellaceae) from the cerrados of eastern Bolivia. H. HUAYLLA, R. W. SCOTLAND & J. R. I. WOOD	69
The genus <i>Scaphochlamys</i> (Zingiberaceae – Zingibereae): a compendium for the field worker. R. J. SEARLE	75
A revision of <i>Begonia</i> section <i>Diploclinium</i> (Begoniaceae) on the Philippine island of Palawan, including five new species. M. HUGHES, C. COYLE & R. R. RUBITE	123
A new species and synopsis of <i>Adelocaryum</i> (Boraginaceae – Cynoglosseae) with notes on <i>Lindelofia</i> and <i>Brandella</i> . R. R. MILL	141
Two new species of Gentianaceae from Indo-China. S. HUL	155
Litostigma, a new genus from China: a morphological link between basal and derived didymocarpoid Gesneriaceae. YI-GANG WEI, FANG WEN, WEN-HONG CHEN, YU-MIN SHUI & M. MÖLLER	161

Vol. 67, No. 2, July 2010

New taxa and lectotypifications of <i>Pedicularis</i> (Orobanchaceae) required	
for the Flora of Pakistan. R. R. MILL	185

Important Plant Areas in the Arabian Peninsula: 2. Farasan Archipelago. M. Hall, O. A. Llewellyn, A. G. Miller, T. M. Al-Abbasi, A. H. Al-Wetaid, R. J. Al-Harbi & K. F. Al-Shammari	189
Two new species of <i>Paraboea</i> (Gesneriaceae) from Peninsular Malaysia and Thailand. R. KIEW	209
Three new species of <i>Chassalia</i> and <i>Psychotria</i> (Rubiaceae) from Central Africa. O. LACHENAUD & D. J. HARRIS	219
Molecular phylogeny of the edelweiss (<i>Leontopodium</i> , Asteraceae – Gnaphalieae). C. Blöch, W. B. DICKORÉ, R. SAMUEL & T. F. STUESSY	235
The circumscription, taxonomy and biogeography of <i>Porterandia</i> (Rubiaceae – Gardenieae). M. S. ZAHID & K. M. WONG	265
Novitates Gabonenses 74. A new species of <i>Carpolobia</i> (Polygalaceae) from Gabon and adjacent Congo. F. J. BRETELER	343
Myxochlamys amphiloxa (Zingiberaceae): a new species from Central Kalimantan, Indonesia. R. J. SEARLE & M. F. NEWMAN	347
Vol. 67, No. 3, November 2010	
Revision of the Mediterranean and southern African <i>Triglochin bulbosa</i> complex (Juncaginaceae). A. V. KÖCKE, S. VON MERING, L. MUCINA & J. W. KADEREIT	353
Coprophilous fungi of the Falkland Islands. R. WATLING & M. J. RICHARDSON	399
A new species of <i>Roella</i> (Campanulaceae) from Western Cape, South Africa. C. N. CUPIDO	425
New species in Old World <i>Boehmeria</i> (Urticaceae). C. M. WILMOT-DEAR, I. FRIIS & Z. THOMAS	431
A revision of Cautleya (Zingiberaceae). G. AUVRAY & M. F. NEWMAN	451
Addendum to 'Synopsis of <i>Rivea</i> (Convolvulaceae)' – <i>Rivea bernoulliana</i> resolved. G. W. STAPLES & D. F. AUSTIN	467
Reviewers for Volume 67	469
Index to Volume 67	471

Volume contents

EDINBURGH JOURNAL OF BOTANY: INSTRUCTIONS FOR AUTHORS (July 2010)

Edinburgh Journal of Botany is an international journal of plant systematics. Contributions relating to plant systematics and allied subjects, including biodiversity, conservation science and phytogeography, will be considered. Papers reporting the results of research that link traditional and modern techniques are especially welcomed. **Manuscripts should be sent in electronic form** to ejb@rbge.org.uk. All manuscripts will be subject to multiple peer review before publication. Submitted manuscripts should not have been accepted for publication or be under consideration elsewhere. Authors whose mother tongue is not English should if possible have their papers checked by a fluent or proficient English speaker before submission.

There are no page charges. A PDF offprint will be supplied free of charge. Paper offprints may be purchased through the publisher. Colour plates may be included in the online version free of charge; the cost of including colour plates in the printed version will be charged to the author. Halftone plates are free of charge both online and in print.

Text pages should be numbered serially, with the title and abstract on the first. Genus and species names should be italicised and should be followed by the authority when first used in the main text or in diagnoses. SI (metric) units must be used other than in specimen citations where appropriate. Authors are advised not to return loan material of new taxa until papers have been reviewed. Refer to volume 63 onwards to see how nomenclatural details, typification and specimens seen should be formatted.

The **title page** should include the title, the name(s) and address(es) of the author(s), the abstract, a short running title and a few important keywords. Titles do not normally include authors of scientific names. It will be assumed that correspondence should be addressed to the first author unless otherwise indicated. The **abstract** should be concise and informative, indicating what the paper contains without summarising it.

Author abbreviations should precisely follow: BRUMMITT, R. K. & POWELL, C. E. (eds) (1992). Authors of Plant Names. Kew: Royal Botanic Gardens, Kew; KIRK, P. M. & ANSELL, A. E. (1992). Authors of Fungal Names [Index to Fungi Supplement]. Wallingford: CAB International.

Herbarium abbreviations should follow: HOLMGREN, P. K., HOLMGREN, N. H. & BARNETT, L. C. (eds) (1990). *Index Herbariorum. Part I: The Herbaria of the World* [Regnum Veg. vol. 120]. New York: New York Botanical Garden. Newer entries can be found at http://sciweb.nybg.org/science2/IndexHerbariorum.asp.

Journal abbreviations should follow: BRIDSON, G. D. R., TOWNSEND, S. T., POLEN, E. A. & SMITH, E. R. (eds) (2004). *BPH-2: periodicals with botanical content: comprising a second edition of Botanico-Periodicum-Huntianum*. Pittsburgh: Hunt Institute for Botanical Documentation.

Book title abbreviations should follow: STAFLEU, F. A. & COWAN, R. S. (eds) (1976–88). *Taxonomic Literature*. 2nd edition. 7 vols [Regnum Veg. vols 94, 98, 105, 110, 112, 115, 116]; STAFLEU, F. A. & MENNEGA, E. A. (eds) (1992–). *Taxonomic Literature*. Supplements [Regnum Veg. vols 125, 130, 132], except that all abbreviated words should be capitalised, e.g. Sp. Pl. not Sp. pl.

References in the text should be cited by author and publication date: (Smith, 2009) or 'as stated by Smith (2009)'. Multiple references should be arranged chronologically. For three or more authors use *et al.* In the **reference list**, references should be in alphabetical order and should appear in the following style:

ZHU, R.-L. & CHENG, X. F. (2008). The status of *Amblyolejeunea* (Lejeuneaceae) from Ecuador and Guadeloupe. *Syst. Bot.* 33: 617–620.

MABBERLEY, D. J. (2008). Mabberley's Plant-Book: A Portable Dictionary of Plants, Their Classification and Uses, 3rd edition. Cambridge: Cambridge University Press.

MANN, D. G. & EVANS, K. M. (2007). Molecular genetics and the neglected art of diatomics. In: BRODIE, J. & LEWIS, J. (eds) Unravelling the Algae: The Past, Present, and Future of Algal Systematics, pp. 231–265. Systematics Association Special Volume 75. Boca Raton, FL: CRC Press.

Tables should be numbered in arabic numerals and carry a descriptive title. **Figures**, whether line drawings or photographs, should be numbered consecutively in arabic numerals and referred to in the text thus: (Fig. 1), (Figs 2, 3), (Figs 1–4). Line drawings should be scanned in black and white at 600 dpi and photographs at 300 dpi (but correspond with the editor if this should prove problematic) and sent electronically with the manuscript. Please use LZW compression for tif files, remove excess space and elements from around the image, and crop or scale the image to the journal page size (12.5×19.5 cm to include caption). A measured scale mark should be included on each illustration to indicate magnification.

© Trustees of the Royal Botanic Garden Edinburgh

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, nongovernmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

VOLUME 67, NO. 3 (2010)

CONTENTS

Revision of the Mediterranean and southern African <i>Triglochin bulbosa</i>	
complex (Juncaginaceae). A. V. KÖCKE, S. VON MERING, L. MUCINA &	
J. W. KADEREIT	353
Coprophilous fungi of the Falkland Islands. R. WATLING &	
M. J. Richardson	399
A new species of Roella (Campanulaceae) from Western Cape, South Africa.	
C. N. Cupido	425
New species in Old World Boehmeria (Urticaceae). C. M. WILMOT-DEAR,	
I. Friis & Z. Thomas	431
A revision of Cautleya (Zingiberaceae). G. AUVRAY & M. F. NEWMAN	451
Addendum to 'Synopsis of Rivea (Convolvulaceae)' - Rivea bernoulliana	
resolved. G. W. STAPLES & D. F. AUSTIN	467
Reviewers for Volume 67	469
Index to Volume 67	471
Volume contents	

The cover illustration, drawn by Mary Mendum, is of the diminutive alpine plant *Sibbaldia procumbens*, named in honour of one of the Royal Botanic Garden Edinburgh's founders Robert Sibbald. This plant is used, in a stylised form, as the Garden's official logo.

Cambridge Journals Online For further information about this journal please go to the journal website at: journals.cambridge.org/ejb



Mixed Sources Product group from well-managed forests and other controlled sources www.fsc.org Cert no. SGS-COC-005493 © 1996 Forest Stewardship Council

