

The Gardens' Bulletin Singapore

VOL. 70(2) 2018

ISSN 0374-7859

CONTENTS

S.K. Ganesan & Ali Ibrahim

Shorea sumatrana (Dipterocarpaceae), a remarkable
new addition to the flora of Singapore.....261

W.W. Seah & K.M. Wong

Flora of Singapore precursors, 1. *Gynochthodes praetermissa*
(Rubiaceae: Morindeae), a new West Malesian species, with
notes on related taxa.....267

K.M. Wong & H.K. Lua

Flora of Singapore precursors, 3. A new species of
Canthium (Rubiaceae: Vanguerieae) previously
confused with *C. horridum*.....275

I.M. Turner

Flora of Singapore precursors, 5. Some resolution
of a long-standing problem in *Psychotria*
(Rubiaceae) of Singapore.....283

W.W. Seah & K.M. Wong

Flora of Singapore precursors, 7. A newly diagnosed
species of *Neonauclea* (Rubiaceae: Naucleaeae) now
extinct in Singapore and notes on *Neonauclea excelsa*
and *N. calycina*.....289

I.M. Turner, M. Rodda, K.M. Wong & D.J. Middleton

Flora of Singapore precursors, 9: The identities of two
unplaced taxa based on types from Singapore.....295

S.K. Ganesan

Flora of Singapore precursors, 10. Validation of *Mangifera paludosa* (Anacardiaceae) and notes on its distribution, ecology and conservation status in Singapore.....301

I.M. Turner, Y.W. Low, M. Rodda, K.M. Wong & D.J. Middleton

The plant taxa of H.N. Ridley, 5. The Gentianales.....307

L.W. Cayzer & G.T. Chandler

Pittosporum ridleyi (Pittosporaceae), a new name for the 'rusty-leaved' pittosporum in Malaysia.....397

S. Bandyopadhyay

Typification of *Bauhinia touranensis* (Leguminosae: Cercidoideae).....405

I.M. Turner

Annonaceae of the Asia-Pacific region: names, types and distributions.....409

Date of publication: 14 December 2018

Copyright ©
National Parks Board
Singapore Botanic Gardens
1 Cluny Road
Singapore 259569

Printed by **Oxford Graphic Printers Pte Ltd**

The Gardens' Bulletin Singapore

VOL. 70 2018

ISSN 0374-7859

VOLUME 70

- No. 1 pages 1-260 (printed version published 24 May 2018)
No. 2 pages 261-743 (printed version published 5 December 2018)

THE GARDENS' BULLETIN SINGAPORE

The *Gardens' Bulletin Singapore* is a peer-reviewed journal publishing *original papers* and *reviews* on a wide range of subjects: plant taxonomy (including revisions), phytogeography, floristics, morphology, anatomy, as well as horticulture and related fields, such as ecology and conservation, with emphasis on the plant life of the Southeast Asian-Pacific region.

Dr David J. Middleton
(Editor-in-Chief)

Lily Chen
(Managing Editor)

Felicia Tay
(Graphics Editor)

Ada Davis
(Copy Editor)

Christina Soh
(Business Manager)

Editorial Advisory Board

Professor Sir Peter Crane
Oak Spring Garden Foundation
U.S.A.

Dr Nigel P. Taylor
Singapore Botanic Gardens
National Parks Board, Singapore

Dr W. John Kress
National Museum of Natural History
Smithsonian Institution
U.S.A.

Dr Ian M. Turner
Royal Botanic Gardens Kew
U.K.

Dr Mark Hughes
Royal Botanic Garden Edinburgh
U.K.

Professor Peter van Welzen
Naturalis Biodiversity Center
The Netherlands

Dr Jana Leong-Škorničková
Singapore Botanic Gardens
National Parks Board, Singapore

Dr Jun Wen
National Museum of Natural History
Smithsonian Institution
U.S.A.

Dr Kiat W. Tan
Gardens By The Bay
Singapore

Professor Nianhe Xia
South China Institute of Botany
P.R. China

Published twice yearly by the National Parks Board, Singapore, the annual subscription for the journal is Singapore \$100.00 including postage. Overseas subscribers should make payment in the form of bank draft or international money order in Singapore currency, payable to *National Parks Board*. Please forward payment to “**Accounts Receivable Section, National Parks Board, Headquarters, Singapore Botanic Gardens, 1 Cluny Road, Singapore 259569**”.

Copyright ©
National Parks Board
Singapore Botanic Gardens
1 Cluny Road
Singapore 259569

Printed by **Oxford Graphic Printers Pte Ltd**

CONTENTS OF VOLUME 70 (2018)

VOL. 70 (1), 24 May 2018

D.J. Middleton

Editorial 1

J. Chen, I.M. Turner, R.M.K. Saunders & D.C. Thomas

Artabotrys scortechinii (Annonaceae): an augmented species
description and a new record for Singapore 3

I.M. Turner

Notes on the genus *Uncaria* (Rubiaceae) in Singapore..... 9

D.J. Middleton, H.K. Lua & P.K.F. Leong

Micrechites lancifolia (Apocynaceae: Apocynoideae),
a new record for Singapore 13

S.K. Ganesan, H.K. Lua & Ali Ibrahim

Shorea johorensis (Dipterocarpaceae), an addition
to the flora of Singapore 19

S.K. Ganesan, H.K. Lua & Ali Ibrahim

Melochia umbellata (Malvaceae subfam. Byttnerioideae),
a new record for Singapore 25

B.C. Ho, H.K. Lua, P.K.F. Leong, S. Lindsay, W.W. Seah, Bazilah Ibrahim, A.H.B. Loo, S.L. Koh, Ali Ibrahim & P. Athen

New records and rediscoveries of vascular plants
in Bukit Timah Nature Reserve, Singapore..... 33

M.S. Khoo, S.C. Chua & S.K.Y. Lum

An annotated list of new records for Singapore: results from
large-scale tree surveys at the Bukit Timah Nature Reserve 57

R.C.J. Lim, S. Lindsay, D.J. Middleton, B.C. Ho, P.K.F. Leong, M.A. Niissalo, P.C. van Welzen, H.-J. Esser, S.K. Ganesan, H.K. Lua, D.M. Johnson, N.A. Murray, J. Leong-Škorničková, D.C. Thomas & Ali Ibrahim

New records and rediscoveries of plants in Singapore 67

L.M.J. Chen, B.C. Ho, L.M. Choo & S.L. Koh

Additions to the Flora of Singapore, new and overlooked
records of naturalised plant species (1) 91

A.R. Rafidah, A.R. Ummul-Nazrah & M.A. Mohd Hairul <i>Exacum tenue</i> (Gentianaceae), a new record from karst limestone in Peninsular Malaysia	103
R. Kiew One new species and two new records of <i>Jasminum</i> (Oleaceae) in Peninsular Malaysia	109
S. Lindsay <i>Adiantum alleniae</i> , a new species, and <i>Adiantum siamense</i> , a new record, for Peninsular Malaysia	119
O. Popelka, M. Dančák, R.S. Sukri & F. Metali Novitates Bruneienses, 10. Filmy ferns (Hymenophyllaceae) of Kuala Belalong, Brunei Darussalam	123
R. Kiew, S. Julia, C.Y. Ling, A. Randi, D. Girmansyah & M. Hughes Taxonomic status of <i>Begonia promethea</i> (sect. <i>Petermannia</i> , Begoniaceae) in Borneo	155
D.C. Thomas, A. Bour & W.H. Ardi <i>Begonia</i> of the Matarombeo karst, Southeast Sulawesi, Indonesia, including two new species	163
C.-W. Chen, S. Lindsay, C.M. Mynssen, L.-Y. Kuo, V.B. Amoroso & Y.-M. Huang A new <i>Haplopteris</i> species from the Philippines and clarification of the status of <i>H. amboinensis</i> in China and Indochina	177
A. Retnowati The species of <i>Marasmiellus</i> (Agaricales: Omphalotaceae) from Java and Bali	191
BOOK REVIEW Tropical Forest Scientist. Francis S.P. Ng and FRIM 1964–1991. Francis S.P. Ng. 2018. (N.P. Taylor)	259

S.K. Ganesan & Ali Ibrahim

Shorea sumatrana (Dipterocarpaceae), a remarkable new addition to the flora of Singapore.....261

W.W. Seah & K.M. Wong

Flora of Singapore precursors, 1. *Gynochthodes praetermissa* (Rubiaceae: Morindeae), a new West Malesian species, with notes on related taxa.....267

K.M. Wong & H.K. Lua

Flora of Singapore precursors, 3. A new species of *Canthium* (Rubiaceae: Vanguerieae) previously confused with *C. horridum*.....275

I.M. Turner

Flora of Singapore precursors, 5. Some resolution of a long-standing problem in *Psychotria* (Rubiaceae) of Singapore.....283

W.W. Seah & K.M. Wong

Flora of Singapore precursors, 7. A newly diagnosed species of *Neonauclea* (Rubiaceae: Naucleaeae) now extinct in Singapore and notes on *Neonauclea excelsa* and *N. calycina*.....289

I.M. Turner, M. Rodda, K.M. Wong & D.J. Middleton

Flora of Singapore precursors, 9: The identities of two unplaced taxa based on types from Singapore.....295

S.K. Ganesan

Flora of Singapore precursors, 10. Validation of *Mangifera paludosa* (Anacardiaceae) and notes on its distribution, ecology and conservation status in Singapore.....301

I.M. Turner, Y.W. Low, M. Rodda, K.M. Wong & D.J. Middleton

The plant taxa of H.N. Ridley, 5. The Gentianales.....307

L.W. Cayzer & G.T. Chandler

Pittosporum ridleyi (Pittosporaceae), a new name for the 'rusty-leaved' pittosporum in Malaysia.....397

S. Bandyopadhyay

Typification of *Bauhinia touranensis*

(Leguminosae: Cercidoideae).....405

I.M. Turner

Annonaceae of the Asia-Pacific region: names,

types and distributions.....409