



RHEEDEA

Journal of the Indian Association
for Angiosperm Taxonomy



Volume 31(1) 2021

ISSN: 0971-2313

RHEEDEA

An international journal founded in 1991 and published by the Indian Association for Angiosperm Taxonomy (IAAT). From 2019 onwards Rheedea is published in four online issues (March, June, September and December). Rheedea publishes original peer reviewed research and review articles in angiosperm taxonomy.

Chief Editor

K.S. Manilal (India)

Executive Editor

Santhosh Nampy (India)

Associate Editors

Michael Möller (UK)
P. Sunojkumar (India)
A.K. Pradeep (India)
Peter Baas (Netherlands)
K.M. Manudev (India)
C. Pramod (India)

Editorial Assistants

Akhil M.K., Amrutha A., Dani Francis,
Divya K. Venugopal, Harishma K.H., Jeomol K.K.,
Krishnapriya M.P., Manju S.P., Sreekutty T.K.,
Vishnu Mohan

Editorial Advisory Committee

P. Daniel (India)
Kanchi N. Gandhi (USA)
Jana Leong-Skornickova (Singapore)
D.J. Mabberley (UK)
Jin Murata (Japan)
V.J. Nair (India)
Bertil Nordenstam (Sweden)
A.K. Pandey (India)
Stefan Porembski (Germany)
V.S. Raju (India)
M. Sanjappa (India)
Dmitry Sokoloff (Russia)
T.F. Stuessy (Austria)
Piyakaset Suksathan (Thailand)
P. Venu (India)
D.S.A. Wijesundara (Sri Lanka)

Indian Association for Angiosperm Taxonomy (IAAT)

Founded in 1990 with Head Quarter at Department of Botany, Calicut University – 673 635, Kerala, India.

Office bearers 2020-21

President: N. Sasidharan (Thrissur)
Vice-President (H.Q.): K.S. Manilal (Kozhikode)
Vice-President (O.S.): S.R. Yadav (Kolhapur)
Secretary (H.Q.): Santhosh Nampy (Kozhikode)
Secretary (O.S.): D. Narasimhan (Chennai)
Treasurer: P. Sunoj Kumar (Kozhikode)
Past President: Alka Chaturvedi (Nagpur)

Councilors

Aravind S. Dhabe (Aurangabad)
Avishek Bhattacharjee (Kolkata)
V. Devipriya (Kozhikode)
M.K. Janarthnam (Goa)
A.K. Pandey (New Delhi)
P.V. Prasanna (Kolkata)
P.E. Rajasekharan (Bengaluru)
V.S. Ramachandran (Coimbatore)
T. Senthilkumar (Tiruchirappalli)
Vatsavaya S. Raju (Warangal)
Veenapani Dubey (Bilaspur)

Membership in IAAT: Membership is open to all individuals interested in angiosperm taxonomy. For publication of papers, a member enjoys priority over a non-member.

	India	Foreign
Calendar year	₹ 1,000.00	US \$ 100.00
Life	₹ 8,000.00	US \$ 1,000.00

Subscription rate for Rheedea

	India	Foreign
<i>Individual</i>		
Calendar year	₹ 3,000.00	US \$ 100.00
<i>Institutions</i>		
Calendar year	₹ 3,000.00	US \$ 100.00
Life (15 years)	₹ 25,000.00	US \$ 1,000.00

For membership in IAAT, subscription, back issues of Rheedea and advertising tariff, write to Secretary, Indian Association for Angiosperm Taxonomy, Department of Botany, University of Calicut, Calicut University P.O., Kerala – 673 635, India.

Phone: 9447461622

E-mail: iaatsecy@gmail.com

Demand Draft may be drawn on State Bank of India, Calicut University (Code No. 70200) in favour of The Treasurer, IAAT, Department of Botany, University of Calicut, Calicut University P.O., Kerala – 673 635, India.

Bank transfer to IAAT account can also done: SB A/c. No.: 67061057674, IFSC Code: SBIN0070200, SWIFT Code: SBININBB392, MICR Code: 673002912, State Bank of India, Calicut University (Branch Code: 70200). Details of DD/ Bank transfer should be sent to <iaatsecy@gmail.com>.

Instruction to authors: See last pages of second or fourth issue of each volume or visit the home page of journal.

Home page: www.rheedea.in

Indexing: BIOSIS PREVIEWS and Biological Abstracts of Wb of Science, SCOPUS, Indian Science Abstract by NISCAIR, Kew Records of Taxonomy Literature, Current Advances in Plant Science, Indian Citation Index and the latest UGC-CARE list

© All articles published in Rheedea are the exclusive property of IAAT. No material from the Journal may be reproduced in any form without prior permission from IAAT.

Typeset, design, layout and printing: Alois Graphics, Park lane, Kottayam, Kerala - 686 001.

COVER: From left, *Brachystelma maculatum* Hook.f. var. *breviflorum* Nagendra, V.Nagaraju, A.M.Reddy & K.Prasad, *Alysicarpus tetragonolobus* var. *micranthus* Dalavi, Mane & S.R.Yadav and *Argyrea sharadchandrajii* Lawand & Shimpale

Date of Publication: 31.03.2021

New taxa published in Volume 31(1), 2021

Argyreia sharadchandrajii Lawand & Shimpale, *sp. nov.*

Kaempferia nigrifolia Boonma & Saensouk, *sp. nov.*

Alysicarpus tetragonolobus Edgew. var. *falcatus* Dalavi, Bramhadande, P.R.Mane & S.R.Yadav, *var. nov.*

Alysicarpus tetragonolobus var. *micranthus* Dalavi, Mane, & S.R.Yadav, *var. nov.*

Brachystelma maculatum Hook.f. var. *breviflora* C. Nagendra, V. Nagaraju, A.M. Reddy & K. Prasad, *var. nov.*

Reviewers for Volume 31(1), 2021

Ahmedullah M. (India)

Akhtar H. Malik (India)

Alex K. Monro (UK)

Charan Leeratiwong (Thailand)

Christina Flann (Australia)

Dar G.H. (India)

David E. Boufford (USA)

Debabrata Maity (India)

Dileep S. Pokle (India)

Georgii A. Lazkov (Kyrgyzstan)

Mahua Pal (India)

Mansour Mirtadzadini (Iran)

Mark F. Newman (UK)

Mayara Pastore (Brazil)

Narasimhan D. (India)

Nikolai Friesen (Germany)

Oudomphone (Lao PDR)

Rajeev Kumar Singh (India)

Rasingam L. (India)

Authors' Index

Ansari R.	46
Boonma T.	11
Bramhadande S.P.	25
Dalavi J.V.	25
Dash S.S.	42
Joshi P.	35
Kasana S.	1
Lahiri S.	42
Lawand P.R.	18
Madhusudhana Reddy A.	31
Mane P.R.	25
Mane R.N.	25
Nagar P.	35
Nagaraju V.	31
Nagendra C.	31

Narasimhan D.	44
Pandey A.K.	1
Pandurangan A.G.	46
Patel P.K.	38
Pokar R.	35
Prasad K.	31
Ramachandran V.S.	46
Saensouk P.	11
Saensouk S.	11
Shimpale V.B.	18
Sumra K.	35
Thacker K.	35
Uniyal P.L.	1
Yadav S.R.	25

RHEEDEA

Contents

Volume 31(1) March 2021

Articles

A taxonomic revision of the genus *Dolomiaea* (Asteraceae: Cardueae) in India
Kasana S., Uniyal P.L. & A.K. Pandey 1

***Kaempferia nigrifolia* (Zingiberaceae), a new species from Central Thailand**
Boonma T., Saensouk S. & P. Saensouk 11

***Argyreia sharadchandrajii* (Convolvulaceae), a new species from the Western Ghats, India**
Lawand P.R. & V.B. Shimpale 18

Two new varieties of *Alysicarpus* (Fabaceae) from Peninsular India
Dalavi J.V., Bramhadande S.P., Mane R.N., Mane P.R. & S.R. Yadav 25

A new variety of *Brachystelma maculatum* (Apocynaceae) from Andhra Pradesh, India
Nagendra C., Nagaraju V., Madhusudhana Reddy A. & K. Prasad 31

Taxonomy/New Record

***Forsskaolea viridis* (Urticaceae) - a new record for Indian Flora from Kachchh district, Gujarat**
Thacker K., Pokar R., Sumra K., Nagar P. & P. Joshi 35

***Jacquemontia tamnifolia* (Convolvulaceae): an addition to the flora of India from Gujarat**
Patel P.K. 38

Typification

Lectotypification of the name *Allium prattii* (Amaryllidaceae)
Lahiri S. & S.S. Dash 42

Book Review

A taxonomic revision of the genus *Brachystelma* R.Br. in India
Narasimhan D. 44

Obituary

Velukutty Jayachandran Nair (1940-2021)
Ansari R., Ramachandran V.S. & A.G. Pandurangan 46