Contents

1 Goniothalamus roseipetalus and G. subhirinensis (Annonaceae): Two new species from Peninsular Thailand
Charan Leeratiwong, Piya Chalermglin, Richard M. K. Saunders

19 Saxifraga viridiflora (Saxifragaceae), an unusual new species from Guangxi, China
Xin-Juan Zhang, Quan-Sheng Fu, Jun-Tong Chen, Li-Juan Li, Peng-Rui Luo, Jing-Yi Peng, Xiao-Han Huang, Hang Sun, Tao Dong

27 Notes on the systematics of Cuscuta sect. Subulatae (subg. Grammica) with the description of Cuscuta mantiqueirana, a new species from Brazil
Mihai Costea, Simone Soares da Silva, Ronângela Simão-Bianchini, Ana Rita G. Simões, Sasa Stefanovic

45 Vitis shizishanensis, a new species of the grape genus from Hubei province, China
Zhi-Yao Ma, Jun Wen, Qiang Fu, Xiu-Qun Liu

55 A new species of Epidendrum L. (Orchidaceae) of pendulous habit from Peru
Luis Ocupa Horna, Eric Högger, Marco M. Jimenez

67 Updated description of Diospyros dussaudii Lecomte (Ebenaceae), with lectotypification and notes on its distribution
Sutee Duangjai, Anoon Sinbusriang, Pornthawat Chalermtong, Pongsapak Suekawat, Kwanjai Khamsongkol, Wittawat Kiewbang, Sukid Racangrucks, Theerasuwan Thanaanhatcong, Somruai Suddee

83 Genetic diversity of Salix lapponum populations in Central Europe
Jacek Urbaniak, Pawel Kwiatkowski, Pawel Papulikowski

103 Spiradiclis detianensis (Rubiaceae, Ophiorrhizeae), a new species from southwestern Guangxi, China
Zhao-Jie Wen, Yun-Fen Huang, Yan-Hua Hu, Khaing Sinb Nguyen, Lei Wu

111 Two new species and a new combination from Zhejiang, East China
Yi-Fei Lu, Yao-Liang Xu, Wen-Yuan Xie, Hong-Wei Zhang, Zi-Hong Zheng, Xin Cai, Xiao-Feng Jin

127 Plagiotrichium schofieldii, a new species from the Aleutian Islands (Alaska, USA)
Grzegorz J. Widcki, Paulina Nowicka-Krawczyk, William R. Buck

http://phytokeys.pensoft.net
PhytoKeys will consider for publishing works on the following topics:

- descriptions of new taxa, if they are accompanied with proper diagnoses, keys and/or distinction from close relatives or similar taxa
- taxonomic revisions of extant (or “recent”) and fossil plant groups
- checklists and catalogues
- phylogenetic and evolutionary analyses
- papers in descriptive and/or historical biogeography
- methodology papers
- data mining and literature surveys
- monographs, conspecti, atlases
- collections of papers, Festschrift volumes, conference proceedings

Papers containing identification keys will be accepted with priority. Extensive manuscripts consisting mostly of keys will be considered for publishing as well.

Electronic Journal Articles: Authors are kindly requested to submit their manuscript only through the online submission module at www.phytokeys.com. In case of difficulties with the submission procedure, please contact phytokeys@pensoft.net. Full text of author guidelines is available at: http://phytokeys.pensoft.net/about#AuthorGuidelines

EXCERPTS FROM THE GUIDELINES

Papers containing identification keys will be accepted with priority. Extensive manuscripts consisting mostly of keys will be considered for publishing as well.

AUTHOR GUIDELINES

Authors are kindly requested to submit their manuscript only through the online submission module at www.phytokeys.com. In case of difficulties with the submission procedure, please contact phytokeys@pensoft.net. Full text of author guidelines is available at: http://phytokeys.pensoft.net/about#AuthorGuidelines

EXCERPTS FROM THE GUIDELINES

PhytoKeys is a peer-reviewed, open-access, rapidly disseminated journal launched to accelerate research and free information exchange in taxonomy, phylogeny, biogeography and evolution of angiosperms, gymnosperms, monilophytes, bryophytes, and algae. PhytoKeys aims to apply the highest possible standards of the cybertaxonomy era.

PhytoKeys will publish papers in systematic botany containing taxonomic/floristic data on any taxon of any geological age from any part of the world with no limit to manuscript size.

PhytoKeys will consider for publishing works on the following topics:

- descriptions of new taxa, if they are accompanied with proper diagnoses, keys and/or distinction from close relatives or similar taxa
- taxonomic revisions of extant (or “recent”) and fossil plant groups
- checklists and catalogues
- phylogenetic and evolutionary analyses
- papers in descriptive and/or historical biogeography
- methodology papers
- data mining and literature surveys
- monographs, conspecti, atlases
- collections of papers, Festschrift volumes, conference proceedings

Papers containing identification keys will be accepted with priority. Extensive manuscripts consisting mostly of keys will be considered for publishing as well.

ISBN numbers will be assigned to large monographic papers (i.e., major revisions of taxa), monographs, collections of papers, Festschrift volumes, atlases, checklists, conspecti.

All content is Open Access distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. Authors are therefore encouraged to post the pdf files of published papers on their homepages or elsewhere to expedite distribution.

EDITORIAL BOARD

http://phytokeys.pensoft.net/board

FOCUS AND SCOPE

PhytoKeys is a peer-reviewed, open-access, rapidly disseminated journal launched to accelerate research and free information exchange in taxonomy, phylogeny, biogeography and evolution of angiosperms, gymnosperms, monilophytes, bryophytes, and algae. PhytoKeys aims to apply the highest possible standards of the cybertaxonomy era. PhytoKeys will publish papers in systematic botany containing taxonomic/floristic data on any taxon of any geological age from any part of the world with no limit to manuscript size.

PhytoKeys will consider for publishing works on the following topics:

- descriptions of new taxa, if they are accompanied with proper diagnoses, keys and/or distinction from close relatives or similar taxa
- taxonomic revisions of extant (or “recent”) and fossil plant groups
- checklists and catalogues
- phylogenetic and evolutionary analyses
- papers in descriptive and/or historical biogeography
- methodology papers
- data mining and literature surveys
- monographs, conspecti, atlases
- collections of papers, Festschrift volumes, conference proceedings

Papers containing identification keys will be accepted with priority. Extensive manuscripts consisting mostly of keys will be considered for publishing as well.

PhytoKeys is a peer-reviewed, open-access, rapidly disseminated journal launched to accelerate research and free information exchange in taxonomy, phylogeny, biogeography and evolution of angiosperms, gymnosperms, monilophytes, bryophytes, and algae. PhytoKeys aims to apply the highest possible standards of the cybertaxonomy era.

PhytoKeys will publish papers in systematic botany containing taxonomic/floristic data on any taxon of any geological age from any part of the world with no limit to manuscript size.

PhytoKeys will consider for publishing works on the following topics:

- descriptions of new taxa, if they are accompanied with proper diagnoses, keys and/or distinction from close relatives or similar taxa
- taxonomic revisions of extant (or “recent”) and fossil plant groups
- checklists and catalogues
- phylogenetic and evolutionary analyses
- papers in descriptive and/or historical biogeography
- methodology papers
- data mining and literature surveys
- monographs, conspecti, atlases
- collections of papers, Festschrift volumes, conference proceedings

Papers containing identification keys will be accepted with priority. Extensive manuscripts consisting mostly of keys will be considered for publishing as well.

ISBN numbers will be assigned to large monographic papers (i.e., major revisions of taxa), monographs, collections of papers, Festschrift volumes, atlases, checklists, conspecti.

All content is Open Access distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. Authors are therefore encouraged to post the pdf files of published papers on their homepages or elsewhere to expedite distribution.

EDITORIAL OFFICE

Pensoft Publishers
Prof. Georgi Zlatarski 12, 1700 Sofia, Bulgaria. Tel. +359-2-8704281, Fax +359-2-8704282
E-mail: phytokeys@pensoft.net


CITATIONS OF PUBLIC RESOURCE DATABASES: It is highly recommend- ed all appropriate databases, images, and information to be deposited in public resources. Please provide the relevant accession numbers (and version numbers, if appropriate). Examples of such databases include, but are not limited to:

- IPNI (www.ipni.org)
- Morphbank (www.morphbank.net)
- BOLD (www.barcodinglife.org)

OPEN ACCESS FEES: Publication fees in open access journals ensure a barrier-free distribution of your pa- per at no charge for the readers and include costs involved in processing, formatting, publishing, indexing and archiving your paper.

The journal charges Open Ac- cess Publication Fee. Please visit the “Article Processing Charges” sec- tion at http://phytokeys.pensoft.net/about#ArticleProcessingCharges to learn more of our discount and waiv- er policies.

PRINTED VERSION. Offprints and printed issues of the journal can be purchased additionally (see journal’s website). For standing orders/subscriptions please contact the Managing Editor.

EDITOR-IN-CHIEF

John Kress
Smithsonian Institution
P.O. Box 37012
Washington, DC 20013-7012
U.S.A.
E-mail: kressj@si.edu

MANAGING EDITOR

Lyubomir Penev
Institute of Biodiversity and Ecosystem Research
Bulgarian Academy of Sciences
Yuri Gagarin Street 2
1113 Sofia, Bulgaria
E-mail: info@pensoft.net

REFERENCES


CITATIONS OF PUBLIC RESOURCE DATABASES: It is highly recommend- ed all appropriate databases, images, and information to be deposited in public resources. Please provide the relevant accession numbers (and version numbers, if appropriate). Examples of such databases include, but are not limited to:

- IPNI (www.ipni.org)
- Morphbank (www.morphbank.net)
- BOLD (www.barcodinglife.org)

PRINTED VERSION. Offprints and printed issues of the journal can be purchased additionally (see journal’s website). For standing orders/subscriptions please contact the Managing Editor.

EDITORIAL BOARD:

http://phytokeys.pensoft.net/board

PHOTOGRAPHS:


Book chapters:


Books:


Book with institutional author:


PhD thesis:


CITATIONS OF PUBLIC RESOURCE DATABASES: It is highly recommend- ed all appropriate databases, images, and information to be deposited in public resources. Please provide the relevant accession numbers (and version numbers, if appropriate). Examples of such databases include, but are not limited to:

- IPNI (www.ipni.org)