### Volume 27, Number 2

### December 2022

A Publication of the Harvard University Herbaria Including

## The Journal of the Arnold Arboretum

Arnold Arboretum **Botanical Museum** Farlow Herbarium Gray Herbarium Oakes Ames Orchid Herbarium

Initiated in 1989

Harvard Papers in Botany is a refereed journal that welcomes longer monographic and floristic accounts of plants and fungi, as well as papers concerning economic botany, systematic botany, molecular phylogenetics, the history of botany, relevant and significant bibliographies, and book reviews. Harvard Papers in Botany is open to all who wish to contribute.

#### **Instructions for Authors**

http://huh.harvard.edu/pages/manuscript-preparation

#### **Manuscript Submission**

Manuscripts, including tables and figures, should be submitted via email to papers@oeb.harvard.edu. The text should be in a major word-processing program for either Microsoft Windows or the Apple macOS, or in a compatible format. Authors should include a submission checklist available at http://huh.harvard.edu/files/herbaria/files/submission-checklist.pdf

#### Availability of Current and Back Issues

Harvard Papers in Botany publishes two numbers per year, in June and December. The two numbers of volume 18, 2013, made up the last issue distributed in printed form. Starting with volume 19, 2014, Harvard Papers in Botany became an electronic serial. It is available by subscription from volume 10, 2005, to the present via BioOne (http://www.bioone. org/). The content of the current issue is freely available at the Harvard University Herbaria & Libraries website (http://huh. harvard.edu/pdf-downloads). The content of back issues is also available from JSTOR (http://www.jstor.org/) volume 1, 1989 through volume 12, 2007, with a five-year moving wall.

#### **Publication Exchange Agreements**

Please send inquiries to botserials@oeb.harvard.edu or to the Serials Acquisition Manager at Serials Acquisitions & Exchanges, Harvard Botany Libraries, 22 Divinity Avenue, Cambridge, MA 02138, U.S.A.

To meet our publication exchange agreements, we are currently developing a mechanism to supply an electronic copy of each issue to the institutions with which we maintain an exchange program.

For all other questions and/or to order back issues, please email papers@oeb.harvard.edu.

#### Harvard Papers in Botany Volume 27, Number 1, was published online June 30, 2022.

Editor: Gustavo A. Romero-González

Assistant Editor: Susan Kelley Nomenclature Editor: Kanchi N. Gandhi

#### **Editorial Board:**

DAVID E. BOUFFORD FRANK ALMEDA SARAH MATHEWS IHSAN AL-SHEHBAZ Rodrigo Duno Gerardo A. Aymard Lisa Campbell Jason Grant

Cover: *Pleurothallis rikseniana* Mark Wilson & B.T. Larsen (See page 209, Fig. 18A). Drawn by Bruno Larsen.

Volume 27, Number 2	December 2022
A Publication of the Harvard University Herbaria Including	
·	
The Journal of the Arnold Arboretum	
Dayro L. Rodríguez-Duque, Magda Escobar-Alba, Juan D. García-González, Juan E. Carvajal-Cogollo, and Gerardo A. Aymard-Corredor A new Andean species of <i>Magnolia</i> (section <i>Talauma</i> , Magnolioideae, Magnoliaceae),	131
and a key to the species found in Colombia	
Gerardo A. Aymard-Corredor	
Novelties in Securidaca (Polygalaceae, Polygaleae) for the floras of Colombia and Venezuela	143
G. Krishna, A. Bhattacharjee, and S. Bandyopadhyay	
Homonymy: Legitimacy vs. Illegitimacy	157
Zhengxu Ma, Yuer Wang and Zhenhao Feng	
On the nomenclature of Alocasia odora (Araceae)	161
Allen W. Milby	
Lectotypification of Carex aestivalis (Cyperaceae sect. Hymenochlaenae)	165
Paul Ormerod and Lina Juswara	
Notes on some Malesian Orchidaceae IV	169
Paul Ormerod and C. Sathish Kumar	
Additional notes on some Indian Orchidaceae	177
Paul Ormerod	
A new name for Crypteronia griffithii C.B. Clarke (Crypteroniaceae)	183
Warren L. Wagner and Kanchi Gandhi	
A nomenclatural assessment and a new combination in North American Oenothera (Onagraceae)	185
Mark Wilson, Bruno Larsen, Juan Sebastián Moreno, Raven Ward, Joost A. G. Riksen, Luis Pina, Mario A. Sierra-Ariza, Marco M. Jiménez, Milton Rincón-Gonzalez, Robinson Galindo-Tarazona, Henry Garzón Suárez, and David Haelterman	
New species of <i>Pleurothallis</i> (Orchidaceae: Pleurothallidinae), a new country record, and labellar morphology in the <i>P. cardiostola-P. lilijae</i> complex of subsection <i>Macrophyllae-Fasciculatae</i>	187
Pablo Muñoz-Rodríguez, John R.I. Wood, Lucía Villaescusa González, Charles C. Davis, Zoë A. Goodwin, and Robert W. Scotland	
Molecular analyses place the genus Keraunea outside Convolvulaceae	221
Index to New Names and Combinations	229

Harvard Papers in Botany was initiated in 1989 to consolidate the following journals published by the Harvard University Herbaria: Botanical Museum Leaflets—Harvard University (vols. 1–30, 1932–1986), Contributions from the Gray Herbarium of Harvard University N.S. (nos. 1–214, 1891–1984), and Occasional Papers of the Farlow Herbarium of Cryptogamic Botany (nos. 1–19, 1969–1987). Starting with no. 8, it incorporates the Journal of the Arnold Arboretum (vols. 1–71, 1920–1990) and the Journal of the Arnold Arboretum Supplementary Series (1, 1991).

*Harvard Papers in Botany* was published as individually paginated issues up to number 10 (April 1997). Starting with the next issue, it has been published in volumes, each volume consisting of two numbers with continuous pagination. Number 1–10, published between May 1989 and April 1997, constitute Volume 1. Volume 1, number 10, includes a cumulative, comprehensive index for the first volume. Print Copies for most volumes 1 through 18 are available. Please contact papers@ oeb.harvard.edu for more information.

This issue of *Harvard Papers in Botany* was composed by Barbara Kroner Morra, using Adobe InDesign CS6 for the Macintosh. The body of the text is set in 10-point Times Roman on 11 points of leading.

Volume 27, Number 2	December 2022
A Publication of the Harvard University Herbaria Including	
The Journal of the Arnold Arboretum	
Dayro L. Rodríguez-Duque, Magda Escobar-Alba, Juan D. García-González, Juan E. Carvajal-Cogollo, and Gerardo A. Aymard-Corredor A new Andean species of <i>Magnolia</i> (section <i>Talauma</i> , Magnolioideae, Magnoliaceae), and a key to the species found in Colombia	131
Gerardo A. Aymard-Corredor Novelties in <i>Securidaca</i> (Polygalaceae, Polygaleae) for the floras of Colombia and Venezuela	143
G. Krishna, A. Bhattacharjee, and S. Bandyopadhyay Homonymy: Legitimacy vs. Illegitimacy	157
Zhengxu Ma, Yuer Wang and Zhenhao Feng On the nomenclature of <i>Alocasia odora</i> (Araceae)	161
Allen W. Milby Lectotypification of <i>Carex aestivalis</i> (Cyperaceae sect. <i>Hymenochlaenae</i> )	165
Paul Ormerod and Lina Juswara Notes on some Malesian Orchidaceae IV	169
Paul Ormerod and C. Sathish Kumar Additional notes on some Indian Orchidaceae	177
Paul Ormerod A new name for <i>Crypteronia griffithii</i> C.B. Clarke (Crypteroniaceae)	183
Warren L. Wagner and Kanchi Gandhi A nomenclatural assessment and a new combination in North American <i>Oenothera</i> (Onagraceae)	185
Mark Wilson, Bruno Larsen, Juan Sebastián Moreno, Raven Ward, Joost A. G. Riksen, Luis Pina, Mario A. Sierra-Ariza, Marco M. Jiménez, Milton Rincón-Gonzalez, Robinson Galindo-Tarazona, Henry Garzón Suárez, and David Haelterman New species of <i>Pleurothallis</i> (Orchidaceae: Pleurothallidinae), a new country record, and labellar morphology in the <i>P. cardiostola-P. lilijae</i> complex of subsection <i>Macrophyllae-Fasciculatae</i>	187
Pablo Muñoz-Rodríguez, John R.I. Wood, Lucía Villaescusa González, Charles C. Davis, Zoë A. Goodwin, and Robert W. Scotland	
Molecular analyses place the genus Keraunea outside Convolvulaceae	221
Index to New Names and Combinations	229