

Harvard Papers in Botany

Volume 26, Number 2

December 2021

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



Harvard Papers in Botany

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 26, Number 1, was published online June 30, 2021.**

Editor:

GUSTAVO A. ROMERO-GONZÁLEZ

Nomenclature Editor:

KANCHI N. GANDHI

Editorial Board:

DAVID E. BOUFFORD	RODRIGO DUNO
FRANK ALMEDA	GERARDO A. AYMARD
SARAH MATHEWS	LISA CAMPBELL
IHSAN AL-SHEHBAZ	JASON GRANT

Harvard Papers in Botany

Volume 26, Number 2

December 2021

A Publication of the Harvard University Herbaria Including
The Journal of the Arnold Arboretum

Adam P. Karremans

With great biodiversity comes great responsibility:
the underestimated diversity of *Epidendrum* (Orchidaceae) 299

**Gustavo A. Romero-González, Germán Carnevali Fernández-Concha,
Carlos M. Burelo Ramos, and Marlon A. González**

New reports of *Galeandra* (Orchidaceae) from Mexico 371

Gerardo A. Aymard-Corredor

A new species of *Neea* (Nyctaginaceae: *Pisonieae*) for the flora of Colombia 403

Yong Yang and David E. Boufford

Lectotypification of *Phoebe puwenensis* (Lauraceae) 415

Sabrina Soares Figueiredo and José Iranildo Miranda de Melo

Five new records of *Sida* sect. *Malacroideae* (Malvaceae, Malvoideae)
from Caatingas of the Brazilian northeastern region 417

Kanchi N. Gandhi

Note on the Typification of *Piaropus* (Pontederiaceae) and on
the Validation of “*Toxicodendron* sect. *Venenata* Gillis” 425

Kean Roe F. Mazo and Arkady A. Tahlil

Historic discovery of a new species of *Luvunga* (Rutaceae)
from Mindanao, southern Philippines 427

José Iranildo Miranda de Melo and Diego Daltro Vieira

A taxonomic synopsis of Cordiaceae and Heliotropiaceae (Boraginales) from Uruguay 433

Paul Ormerod and Ba Vuong Truong

A Note on the Identity of *Cirrhopetalum roseopunctatum* (Orchidaceae) 443

Luan Pedro-Silva, Thaynara Sousa Silva and José Iranildo Miranda de Melo

A new species of *Cordia* sect. *Gerascanthus* (Cordiaceae) from a Brazilian semiarid region 445

**Dayro L. Rodríguez-Duque, José R. Grande Allende, Juan D. García-González,
Magda Escobar-Alba, Paola Hernández-Avenidaño, and Gerardo A. Aymard-Corredor**

Rediscovering *Ternstroemia killipiana* (Pentaphragmaceae, s.l.), a Colombian Andes species
not collected since 1926: its geographic distribution and current conservation status 449

(Continued on page ii)

(Continued from page i)

Daniel Santamaría-Aguilar, Indiana M. Coronado, Ronald L. Liesner, and Alexandre K. Monro	
A new species of <i>Carpotroche</i> (Achariaceae) from Honduras and Nicaragua	455
Arkady A. Tahil	
<i>Decaisnina samaense</i> (Loranthaceae): A new mistletoe species from Simunul Island, Philippines	471
Yun Lin, Chao Li and Zhi-Rong Yang	
Correction of collection number citations in protologues of fourteen names of Chinese plants	477
Index to New Names and Combinations	481

(Continued from the back cover)

**Daniel Santamaría-Aguilar, Indiana M. Coronado,
Ronald L. Liesner, and Alexandre K. Monro**

A new species of *Carpotroche* (Achariaceae) from Honduras and Nicaragua 455

Arkady A. Tahil

Decaisnina samaense (Loranthaceae): A new mistletoe species 471
from Simunul Island, Philippines

Yun Lin, Chao Li and Zhi-Rong Yang

Correction of collection number citations in protologues 477
of fourteen names of Chinese plants

Index to New Names and Combinations 481

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.

Harvard Papers in Botany

Volume 26, Number 2

December 2021

A Publication of the Harvard University Herbaria Including
The Journal of the Arnold Arboretum

Adam P. Karremans

With great biodiversity comes great responsibility:
the underestimated diversity of *Epidendrum* (Orchidaceae) 299

**Gustavo A. Romero-González, Germán Carnevali Fernández-Concha,
Carlos M. Burelo Ramos, and Marlon A. González**

New reports of *Galeandra* (Orchidaceae) from Mexico 371

Gerardo A. Aymard-Corredor

A new species of *Neea* (Nyctaginaceae: *Pisonieae*) for the flora of Colombia 403

Yong Yang and David E. Boufford

Lectotypification of *Phoebe puwenensis* (Lauraceae) 415

Sabrina Soares Figueiredo and José Iranildo Miranda de Melo

Five new records of *Sida* sect. *Malacroideae* (Malvaceae, Malvoideae)
from Caatingas of the Brazilian northeastern region 417

Kanchi N. Gandhi

Note on the Typification of *Piaropus* (Pontederiaceae) and on
the Validation of “*Toxicodendron* sect. *Venenata* Gillis” 425

Kean Roe F. Mazo and Arkady A. Tahlil

Historic discovery of a new species of *Luvunga* (Rutaceae)
from Mindanao, southern Philippines 427

José Iranildo Miranda de Melo and Diego Daltro Vieira

A taxonomic synopsis of Cordiaceae and Heliotropiaceae (Boraginales) from Uruguay 433

Paul Ormerod and Ba Vuong Truong

A Note on the Identity of *Cirrhopetalum roseopunctatum* (Orchidaceae) 443

Luan Pedro-Silva, Thaynara Sousa Silva and José Iranildo Miranda de Melo

A new species of *Cordia* sect. *Gerascanthus* (Cordiaceae) from a Brazilian semiarid region 445

**Dayro L. Rodríguez-Duque, José R. Grande Allende, Juan D. García-González,
Magda Escobar-Alba, Paola Hernández-Avenidaño, and Gerardo A. Aymard-Corredor**

Rediscovering *Ternstroemia killipiana* (Pentaphragmaceae, s.l.), a Colombian Andes species
not collected since 1926: its geographic distribution and current conservation status 449

(Continued on the inside back cover)
