

An eclectic forum for dispersing practical information about planting and growing native plants.

R Kasten Dumroese, Editor

EDITORIAL BOARD

Thomas G Barnes, Carol C Baskin, Jerry M Baskin, Susan Buis, Douglass F Jacobs, Tom Jones, Jennifer Kujawski, Scott Lambert, Thomas D Landis, J Dan Pittillo, Steven E Smith, S Ray Smith

All papers undergo double blind peer review.

Refereed research papers meet high scientific standards. General technical reports provide pragmatic information.

Authors are responsible for content and accuracy of their articles. All views and conclusions are those of the authors of the articles and not necessarily those of the editorial staff or Indiana University Press. Trade names are used for the information and convenience of the reader. and do not imply endorsement or preferential treatment by Indiana University or any other public agency. Indiana University is an equal opportunity and affirmative action employer and educational institution. Native Plants Journal publishes research involving pesticides, but such pesticides are not recommended. All uses of pesticides must be registered by appropriate state and/or federal agencies before they can be recommended. Pesticides can injure humans, domestic animals, desirable plants, and fish or other wildlife if improperly handled or applied. Read the pesticide label before purchasing and use pesticides selectively and carefully. Follow label directions for disposal of surplus pesticides and pesticide containers.

CORRESPONDENCE

Manuscripts must be submitted to the Editor-in-Chief. See the first issue of each volume for complete author instructions or visit http://www.nativeplantnetwork.org. Address all subscription, business, back issue, bulk order, and advertising inquiries to:

Journals Department, Indiana University Press 601 North Morton Street Bloomington, Indiana 47404-3797 USA 1.800.842.6796 http://iupjournals.org/npj

SUBSCRIPTIONS

Subscription rates are US\$ 42.50 for individuals, \$35 for students with copy of valid ID, \$82.50 for institutions. Foreign orders add US\$ 11.50 for surface postage or \$23 for air mail.

PERMISSION TO REPRINT

No part of this publication may be reproduced, stored in a retrieval system, transmitted, or distributed, in any form, by any means electronic, mechanical, photographic, or otherwise, without the prior permission of Indiana University Press. For educational reprinting, please contact the Copyright Clearance Center (1.508.744.3350). For all other permissions, please visit http://iupress.indiana.edu/rights.

PUBLISHING

Native Plants Journal (ISSN 1522-8339) is published 3 times each year (Apr, Aug, Dec) by Indiana University Press.

GST No. R126496330 Copyright © 2005 Native Plants Journal Inc. The unsung heroes of any publication requiring peer review are the reviewers. Reviewing manuscripts takes time and effort, and usually the effort goes underappreciated by employers. The following 27 professionals reviewed manuscripts during 2005, and I am very grateful for their service. Their efforts help ensure the quality of articles published. Kudos to special editor Diane Haase—she orchestrated reviews for several manuscripts that will be published in the next issue.

John C Brissette	Marshall Haferkamp	James P Muir
Michelle Buonopane	Stuart Hardegree	Jeffrey G Norcini
Karen Burr	John T Harrington	Anh Phan
Carla Burton	David Haywood	Andrea Raven
Stephen J Colombo	Douglass F Jacobs	Neil Reese
Anthony Davis	Mee-Sook Kim	Lee Riley
David R Dreesen	E Durant McArthur	Lee S Rosner
Chaim Frenkel	Robert L McGraw	Nancy L Shaw
Diane L Haase, Special Editor	Susan E Meyer	Jeffrey L Walck

Another group of dedicated professionals have given years of service to the initiation and development of *Native Plants Journal*. These folks have served as Contributing Editors, and their chief assignment was to help find high-quality material for inclusion in the journal. Their efforts have paid off—manuscript submission is steady if not gradually increasing. It's time for the journal to switch over to Associate Editors to facilitate the review of manuscripts, so this is the final issue with Contributing Editors. Carol and Jerry Baskin, Susan Buis, Thomas A Jones, Scott Lambert, Thomas D Landis, J Dan Pittillo, Steven E Smith, and S Ray Smith have all served the entire 6 years. My other Contributing Editors were Jennifer Kujawski, Mary Yurlina, and Thomas G Barnes. Tom also served several years as the book review editor. Well done, friends.

In your hands is the lucky 13th issue of *NPJ*. As always, it is full of articles that run the gamut in describing the practical methods for growing and planting native plants. Ellen Colodney answers the age-old question about where bears defecate (and why that's important to growers); David Nelson improves the use of Indian paintbrush in land-scapes; and we discuss new applications for native plants on roadsides, the ins-and-outs of seed commerce, how plants with frozen root plugs can be successfully outplanted, and the specifics on how to grow some interesting plants from the East and the West.

As always, thank you for subscribing, and be sure to tell your friends about *Native Plants Journal*.

R Kasten Dumroese



On the cover: Triteleia grandiflora Lindl. var. grandiflora (Liliaceae) (formerly Brodiaea douglasii S. Wats.) used for hillside erosion control along an Idaho highway. Photo by Dan Bryant.

Have a great idea for an article but don't have time or need help writing? Please e-mail. We can help.

Two types of manuscripts are welcome:

General technical articles are not research per se (lack strict experimental design and statistical analysis), but have important information for growers and planters of native plants. Articles could include new planting techniques, useful equipment, cultural techniques, habitat restoration, restoration techniques, production trends, technical information, descriptions of new species or cultivars entering nursery production, and so on. *Propagation protocols* are short, concise general articles detailing the specific methods used to propagate a particular plant.

Refereed research articles (and scientific reviews or commentary) must have sound application of scientific method, appropriate statistical analysis, and state how the research is important to growers and planters of native plants. Accepted papers will be published with a "Refereed Research Article" designation.

All submitted manuscripts will be doubleblind peer-reviewed by 2 reviewers to ensure the objective of *Native Plants Journal* is met.

MANUSCRIPT PREPARATION

Include a cover letter indicating what type of manuscript is being submitted (refereed or general). Refrain from special formatting. Use of active voice is encouraged. All text except tables and figure captions should be double-spaced. The first page should have title and author information (include full names of authors, their professional titles and affiliations, mailing and electronic addresses, and specify corresponding author to whom all pre-publishing correspondence should be sent).

The second page should contain the title, abstract, and key words but not author names. Abstracts should be double-spaced and brief (100 to 150 words or less) and emphasize results, usefulness, and practicality to growers and planters of North American (Canada, Mexico, and US) native plants. Authors are strongly encouraged to make the first sentence of their abstract describe the most important finding of their work. Include 3 to 7 key words not in the title. Use the PLANTS database as the source for nomenclature (see below). Print an abbreviated title and page number in the upper right corner of this and all subsequent pages. Use line numbering. Construct tables using the table feature of word processing programs.

Follow the second page with the "Introduction, Materials and Methods, Results, Discussion, Conclusion, References," or some other logical system as headings, followed by figure captions and tables. For matters of style, we generally follow *Sci*-

entific Style and Format, The Council of Biology Editors Manual for Authors, Editors, and Publishers, 6th edition (ISBN 0-521-47154-0).

Use metric (SI) units with US units in parentheses (first time only) and abbreviate all units, except those without numerical value (for example, "we measured parts per million and found 250 ppm nitrogen"). Use numerals for any countable amount (for example, 3 replicates, 2 populations).

REFERENCES

In the text, please list citations by date, and then alphabetically by author (for example, Smith 1986, 1997; Jones and Smith 1992; Smith and Jones 1992; Doe and others 1998). In the references section, list references alphabetically by author(s) and please do not abbreviate the name of the referenced journal. Examples:

Journal article: Arnold MA, Struve DK. 1989. Growing green ash and red oak in CuCO₃-treated containers increases root regeneration and shoot growth following transplant. Journal of the American Society for Horticultural Science 114:402–406.

Entire book: Davidson H, Mecklenburg R. 1981. Nursery management: administration and culture. 2nd ed. Englewood Cliffs (NJ): Prentice-Hall Inc. 450 p.

Article in proceedings: Dumroese RK, Wenny DL. 1997. Fertilizer regimes for container-grown conifers of the Intermountain West. In: Haase DL, Rose R, coordinators and editors. Symposium proceedings, forest seedling nutrition from the nursery to the field; 1997 Oct 28–29; Corvallis, OR. Corvallis (OR): Oregon State University Nursery Technology Cooperative. p 17–26.

Internet source: [USDA NRCS] USDA Natural Resources Conservation Service. 2004. The PLANTS database, version 3.5. URL: http://plants.usda.gov (accessed 20 Jan 2005). Baton Rouge (LA): National Plant Data Center.

Government article: Barnett JP, Brissette JC. 1986. Producing southern pine seedlings in containers. New Orleans (LA): USDA Forest Service, Southern Forest Experiment Station. General Technical Report SO-59. 71 p.

Thesis or dissertation: Wang Z. 1990. Effects of cupric carbonate on container-grown seedlings of ponderosa pine during greenhouse production [MSc thesis]. Moscow (ID): University of Idaho. 67 p.

Personal communication: Hoss GA. 2002. Personal communication. Licking (MO): Missouri Department of Conservation, George O White State Forest Nursery. Nursery Superintendent.

NOMENCLATURE

Use common names with scientific names (including authorities and family names) in parentheses the first time used in the abstract and body of the manuscript (if scientific names with authorities and families are summarized in a table, they need not be repeated in the body of the manuscript). All subsequent use can be either the common or scientific name. Example with common name: whitebark pine (Pinus albicaulis Engelm. [Pinaceae]). Example without common name: Phacelia rattanii Gray. (Hydrophyllaceae). The standard source of nomenclature is the PLANTS database (http://plants.usda.gov). Authors may use common names found in PLANTS or the local vernacular. Other nomenclature sources may be used only if justified. The nomenclature source should be included in the references.

MANUSCRIPT SUBMISSION

Manuscripts should be submitted electronically either as e-mail attachments or on CD. Text and tables must be saved as one file in Rich Text Format, Corel WordPerfect, or Microsoft Word. Graphics (graphs, drawings) should be in black and white and saved as individual jpg, tif, eps (preferred), SigmaPlot (preferred), or Adobe Photoshop files. Excel files embedded in manuscripts are acceptable for manuscript review but unacceptable for publication. Color slides or photographs are fine; digital images must have a minimum resolution of 300 dpi at a minimum width of 10 cm (4 in), although larger-sized images are preferred. Include photo credits.

Please send manuscripts to:

Kas Dumroese Editor, *Native Plants Journal* USDA Forest Service, SRS 1221 South Main Street Moscow, Idaho 83843–4211

telephone 208.883.2324 kdumroese@fs.fed.us

Please include the names and contact information for 2 potential reviewers of your manuscript.

Status of submitted manuscripts can be checked at http://www.nativeplantnetwork.org

Before accepted manuscripts can be published, authors must complete a consent to publish form and an offprint order form.