



ASPT

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ASPT NEWS

Printer Change for *Systematic Botany*

Beginning with issue 33(1) in 2008, ASPT will be printing *Systematic Botany* with The Sheridan Press, a major journal publication firm. This will entail a larger, 8.5 × 11 format for the journal, a new cover, and other enhancements that we hope our membership will find beneficial. *Systematic Botany* Managing Editor Leigh Johnson and Editor-in-Chief Alan Whittemore have been the key persons in negotiating the new publishing arrangement, and they are currently devoting a great deal of time to make the transition possible.

We wish to thank Allen Press for their years of able service to the society, and ask for your patience if there are any hiccups during the transition process. We look forward to continued success with our society's main journal. Please let us know how you like the new format.

Best wishes for the new year!

Paul Berry, ASPT President

New Issue of *Systematic Botany Monographs*

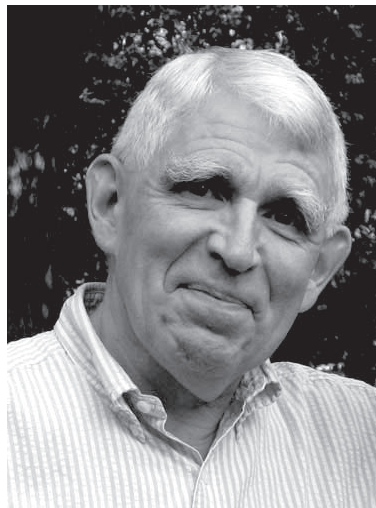
Volume 83. *Revised Classification of the Onagraceae*, Warren L. Wagner, Peter C. Hoch, and Peter H. Raven, 240 pp, color frontispiece, hardbound. 17 September 2007. ISBN 978-0-912861-83-8. US orders: \$42.00; non-US orders: \$55.00. Postage and handling included. Send orders to *Systematic Botany Monographs*, University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2287, USA, with checks payable to "ASPT"; VISA, MasterCard, AMEX, Discover accepted. Fax: 734-998-0038; e-mail <chra@umich.edu> .

Gift for *Systematic Botany Monographs*

Walter L. Meagher, who has so generously supported *Systematic Botany Monographs* since 1991, again donated \$1,000.00 for the publication of a future volume of *SBM*. Publishing academic works becomes evermore daunting in the face of escalating costs and reduced library budgets. Walter's gifts make it possible for the ASPT to keep *SBM* financially sound and to continue publishing volumes in a timely manner at affordable prices.



PEOPLE



The National Tropical Botanical Garden (NTBG) has announced that **Dr. William R. Anderson** has received the Robert Allerton Award for Excellence in Tropical Botany or Horticulture for 2007. The award was presented October 8 during the institution's semi-annual Board of Trustees meeting.

"Bill Anderson has been a major influence in the world of tropical botany, from his decades of research to his devotion in teaching generations of future botanists," stated NTBG CEO and Director Chipper Wichman. "His passion to spend his life studying and sharing his knowledge about tropical plants is truly admirable. It is our honor to present this award to Bill."

Colleagues credit Anderson with anticipating by 25 years the links between plant systematics and ecology that are now widely in evidence. During his lifetime of selfless dedication to the discipline of plant taxonomy, he served as director of the University of Michigan (MICH) herbarium, one of the largest university herbaria in the world, and currently holds the title of Curator Emeritus of Vascular Plants. He has taken the lead in understanding the complexities of the large tropical plant family Malpighiaceae, commonly known as the Barbados cherry family, and continues this research to this day. Now Professor Emeritus of Botany at the University, Anderson devoted many years to training an extraordinary number of undergraduate and doctoral students, many of which have gone on to prominent positions in plant science. His success as a mentor is evidenced by the fact that nearly all of his doctoral students have been awarded dissertation grants from the National Science Foundation.

His own research has received some 25 grants from the Foundation, including early in his career as an NSF graduate fellow, throughout his career for fieldwork in Brazil, Mexico, Venezuela, Bolivia, Argentina, and Costa Rica, and for his current collaborative research with his wife and fellow botanist, Christiane, and a researcher from Harvard University. Anderson has published over 70 scientific papers and served as general editor for eight volumes of the monumental *Flora Novo-Galiciana*. He is a past president of the American Society of Plant Taxonomists and served for 15 years on a committee for the International Association for Plant Taxonomy. Anderson spoke on the "Highs and Lows of Tropical Fieldwork" at the awards ceremony. "Research in plant systemat-

ics is fun and fascinating, but it can also be lonely and frustrating,” commented Anderson. “It took me years of solitary study to learn enough about the Malpighiaceae that I could start to add to what was already known, and unraveling evolutionary history is the most intellectually challenging work imaginable. Learning that I was to receive the Allerton Award from the National Tropical Botanical Garden was therefore not only deeply gratifying; it was also a validation of 40 years of arduous and joyous scholarship.”

The Allerton Award is given bi-annually to recognize specific achievements or a lifetime of achievements in tropical plant science. The award was initiated in October 1975 and is named to honor one of NTBG’s founding trustees and its principal initial benefactor. It consists of a bronze medal and an honorarium.

Patrick Sweeney will join the staff of the Yale Peabody Museum of Natural History as the Collections Manager of the Yale University Herbarium (YU). Patrick completed the requirements for his Ph.D. in 2007 on the systematics and floral evolution of the pantropical tree genus *Garcinia* (Clusiaceae) at the University of Missouri-St. Louis, under the supervision of Elizabeth Kellogg. Prior to beginning his Ph.D. studies, Patrick served for one year as interim curator of the University of Georgia Herbarium (GA). In addition to activities associated with management and maintenance of the collection, Patrick will participate in collection enhancement activities through databasing projects, national and international collecting efforts, and continuing systematic research on *Garcinia* and related species. His new contact information is: Division of Botany, Yale University Herbarium, Peabody Museum of Natural History, Yale University, P.O. Box 208118, New Haven, CT 06520-8118, USA. See the Herbarium’s Web site < <http://www.peabody.yale.edu/collections/bot/> > .

Mr. Jimmy K. Triplett, a student of Dr. Lynn G. Clark at Iowa State University, is the recipient of the 2007 Lawrence Memorial Award. For his dissertation research, Mr. Triplett has undertaken a study of the woody bamboo genus *Pleioblastus*. The proceeds of the Award will help support his travel to Japan for field work and herbarium research.



JOB OPPORTUNITIES

Persons in the job market should consult the Newsletter/“Current News” section of the ASPT homepage < <http://www.sysbot.org> > for detailed descriptions. Below are *very* abbreviated listings of job notices that have appeared on that source; complete information needed for applications is not included here. For many positions, the deadlines have passed and the positions may be filled. The listing here is primarily for readers who might be interested in which organizations have had openings in the general area of plant systematics. The date the positions were posted is in square brackets [day/month/year].

Nearly all announcements have been edited to conserve space—be sure to obtain complete descriptions before applying.

Bioinformatics Specialist, University & Jepson

Herbaria: The University & Jepson Herbaria, University of California Berkeley seek a Bioinformatics Specialist to join our dedicated team of professionals curating and digitizing these world class collections and archives. The incumbent will primarily be digitizing type specimens and associated data and will disseminate this data through a central repository and also from the University and Jepson Herbaria website. The position requires a detailed knowledge of relational databases, South American geography, botanical nomenclature and dissemination of accurate botanical information on-line. Desirable skills are fluency in Spanish and techniques/protocols of geo-referencing biological specimens. For a detailed job description please use the following URL. Job # 7647. < <http://jobs.berkeley.edu/> > . For information about the Herbaria, see < <http://ucjeps.berkeley.edu/> > . [Posted 12 December 2007]

Assistant Professor, Plant Biology, San José State

University: Applicants must possess a Ph.D. in Plant Biology or closely related discipline with expertise in either plant systematics or conservation biology, preferably in which GIS technology or molecular techniques are employed to answer ecological or taxonomic questions. Duties will include teaching introductory plant biology for biological science majors and other courses, which might include upper-division ecology, conservation biology, or plant taxonomy. Candidates will also be expected periodically to teach graduate courses in their area of expertise. Please include Job Opening ID (JOID) 013134 on all correspondence. Applicants must have a proven record or potential for excellence in teaching and research experience and publications in their discipline. Seeking extramural funding to support research involving master’s and undergraduate students is expected. The successful candidate must address the needs of a student population of great diversity in age, cultural background, ethnicity, primary language, and academic preparedness through course materials, teaching strategies, and advising. For more details see < <http://www.fa.sjsu.edu/employment/employment.htm> > . For full consideration for this position, send a letter of application, curriculum vitae, undergraduate and graduate transcripts, a statement of both teaching interests/philosophy and research interests, and at least three original letters of reference with contact information to the respective search committee at: Department of Biological Sciences, San José State University, One Washington Square, San José, CA 95192-0100. Review of applications will commence on 22 January 2008. Please see our website < <http://www.biology.sjsu.edu/index.aspx> > . SJSU is an Equal Opportunity/Affirmative Action Employer committed to the core values of inclusion, civility, and respect for each individual. [Posted 10 December 2007]

Editor, American Midland Naturalist, University of Notre Dame: *The American Midland Naturalist*, an international journal of ecology, evolution, and envi-

ronmental biology that has been continuously published for nearly 100 years, seeks a new editor. She/he will have a part-time, non-tenure track appointment in the Department of Biological Sciences at the University of Notre Dame. The editorship provides opportunities for academic leadership, teaching, and departmental service. Candidates with a strong research record and publishing experience are preferred. Inquiries and requests for additional information should be sent to Richard Jensen, Editor Search Chair, Department of Biology, Saint Mary's College, Notre Dame, IN 46556 or < rjensen@saintmarys.edu > . [Posted 27 November 2007]

Plant Population Genetic, Florida International University and Fairchild Botanic Garden: The Department of Biological Sciences at Florida International University (FIU) and Fairchild Tropical Botanic Garden (FTBG) invite applications for a tenure-track faculty position in Plant Population Genetics with a focus on Conservation Genetics at the assistant professor level. The successful applicant will help design a new Center for Tropical Plant Conservation at FTBG. As a faculty member he/she will develop an extramurally funded research program that supports excellence in research, teaching, and mentoring of graduate students. The joint FIU - FTBG research program focuses on tropical plant conservation with a major emphasis on palms, cycads, and the flora of South Florida and the Caribbean region. Teaching duties will include Genetics and Population Genetics. Ph.D. and postdoctoral experience that includes strong grant skills and publishing record are required. To apply, submit by email or mail/courier a curriculum vitae, statements of research and teaching interests, and have three letters of reference sent to Dr. Javier Francisco-Ortega, Chair, Plant Population Genetics Search Committee, Department of Biological Sciences, Florida International University, University Park, Miami, FL 33199; < ortegaj@fiu.edu > . To assure consideration, applications should be postmarked by 15 January 2008. For more information, visit our Web pages < http://www.fiu.edu/~biology/ > and < http://www.fairchildgarden.org > . For more info, contact: Dr. Javier Francisco-Ortega, Chair, Plant Population Genetics Search Committee, Department of Biological Sciences, Florida International University, University Park, Miami, FL 33199; < ortegaj@fiu.edu > . Florida International University is an Equal Opportunity/Equal Access/Affirmative Action Employer. [Posted 26 November 2007]

Plant Functional Ecologist: The Department of Plant Biology at Michigan State University invites applications for a tenure track position at the Assistant Professor level. We seek an individual who investigates the ecological significance of physiological, morphological, and/or developmental traits. We are particularly interested in applicants who employ phylogenetic and/or molecular genetic methods. This position complements a number of recent hires in ecology, evolution, population genetics, developmental biology, and bioinformatics at MSU. The successful applicant will contribute to undergraduate and graduate teaching, participate in the graduate program in Ecology, Evolutionary Biology, and Behavior < http://www.msu.edu/~eebb > , and maintain an externally

funded research program. Applicants must have a Ph.D., and postdoctoral research experience is desirable. Applications should include a *curriculum vitae*, a summary of research accomplishments and future research objectives, a brief description of teaching philosophy and goals, and three letters of reference. Information about the Department of Plant Biology can be found at < http://www.plantbiology.msu.edu > . The review of applications will begin 30 November 2007 and will continue until a suitable candidate is identified. Application materials should be sent electronically to < plbeco@msu.edu > . Questions regarding this position may be sent to Douglas Schemske < schem@msu.edu > . MSU is an affirmative action, equal opportunity employer MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. [Posted 16 November 2007]

Curator of Botany, California Academy of Sciences: The California Academy of Sciences invites applications for the John T. Howell Curatorial Chair of Western North American Botany. Applications for this full-time position at the Assistant Curator level are solicited from individuals with a primary interest in, and commitment to, active field- and collection-oriented research in the systematics and evolution of plants in western North America, including California. We seek an individual who will participate in the diversity of research, educational, and administrative activities at the Academy; contribute to the maintenance and development of a major herbarium; and bring complementary or new research techniques to the Department of Botany. Opportunities for mentoring students are available. The Academy's Department of Botany houses a worldwide herbarium of 1.9 million specimens of vascular plants, bryophytes, and lichens. The collection of flowering plants from California is the largest in existence. Current collection growth is focused on plants from Latin America, eastern Asia, Madagascar, and western North America. Major research projects are currently underway in China, Madagascar, and parts of Central and South America. Other institutional research resources and facilities include an SEM laboratory, the Center for Comparative Genomics, and a comprehensive library of systematic and evolutionary biology. For additional information about the California Academy of Sciences and its Department of Botany, please visit < http://www.calacademy.org > and < http://www.calacademy.org/research/botany > . Candidates must have a Ph.D. and an active research program (or a willingness to begin such) in plants of western North America. Preference will be given to candidates who combine traditional, collections-oriented research with molecular phylogenetic techniques. Salary is negotiable and a generous benefits package is provided. Applicants should forward a letter of interest, a *curriculum vitae*, description of research goals, copies of pertinent publications, and the names (along with contact information) of three references by 15 January 2008 to California Academy of Sciences, Human Resources Department #HOWELL curator, 875 Howard St., San Francisco, California 94103, U.S.A. The California Academy of Sciences is a natural history museum, aquarium, planetarium, and research institution located

in San Francisco. It is an Equal Opportunity Employer committed to diversity. [Posted 18 October 2007]

Computational Genomics/Phylogenomics, University of Florida: The University of Florida, Department of Botany < <http://web.botany.ufl.edu/> >, invites applications for a full-time, 9-month, tenure-track position in computational genomics/phylogenomics at the level of Assistant Professor to begin August, 2008. Candidates with expertise and research interests in plant phylogenetic relationships, evolutionary and/or population genomics are desired. A strong commitment to both undergraduate and graduate teaching and training is required. The candidate will contribute to teaching in the areas of introductory biology, plant systematics, and phylogenetics, and will develop a course in computational phylogenomics. The successful candidate is expected to maintain an active, high-level, interdisciplinary, and extramurally-funded research program. Ph.D. degree required. Interested applicants should submit a *curriculum vitae*, statement of research interest and teaching philosophy, a selection of no more than three reprints, and arrange three letters of recommendations to: Computational Genomics/Phylogenomics Search Committee, < pdwill@botany.ufl.edu >. Application materials and reference letters should be received by 7 January 2008. The University of Florida is an Equal Opportunity Institution. [Posted 12 October 2007]

Assistant Professor, Iowa State University: The Department of Ecology, Evolution, & Organismal Biology (EEOB) at Iowa State University seeks a tenure-track Assistant Professor in evolutionary or ecological plant biology and whose research interests complement those of our department. The successful candidate will join a dynamic department of 30 faculty < <http://www.eob.iastate.edu> > who use integrative approaches that bridge disciplines and span multiple levels of biological organization. Applicants must have a Ph.D. in a biological science or related field and are expected to develop a nationally recognized research program and skillfully contribute to undergraduate and graduate teaching. Following the instructions on < <http://www.iastatejobs.com> >, submit cover letter, CV, and research and teaching statements as a single PDF file plus up to three reprints as individual PDFs by 19 Oct 2007 (see < <http://www.eob.iastate.edu/search.html> > for additional information). In addition, arrange to have three letters of recommendation sent by e-mail as PDF files to Jacki R. Hayes < searches@iastate.edu >. Iowa State University values diversity and is an AA/EEO employer with NSF ADVANCE funding to enhance the success of women faculty in science and engineering. [Posted 5 September 2007]



FELLOWSHIPS, INTERNSHIPS, POST-DOCS

Nearly all announcements have been edited to conserve space, be sure to obtain complete descriptions before applying. Please see the paragraph at the top of “Job Opportunities” for additional information.

Graduate Fellowships in Ecology and Evolution, University of Alaska: The University of Alaska (UA) will be offering up to eight, 1–2 year graduate fellowships for high-quality incoming students conducting research in the general areas of biogeography, landscape & spatial genetics, plant-microbial interactions, ecology & genetics of invasive species, and the influence of species interactions on range expansions. Fellowships include a stipend of approximately \$21,000/year plus health insurance and a tuition waiver. This fellowship program is part of a broader Alaska EPSCoR initiative to fund integrative science entitled “Resilience and Vulnerability in a Rapidly Changing North: The Integration of Physical, Biological and Social Processes.” This program aims to fund integrative science concerning socio-ecological sustainability in the rapidly transforming northern regions. The state of Alaska offers unparalleled beauty and untouched landscapes, as well as unique research opportunities. Research at UA includes topics such as adaptations to our extreme climate, plant-mycorrhizal biology, invasive species biology, climate change, how interactions among species influence community composition, the unique evolutionary history of organisms influenced by glacial cycles and migrations from both North America and Asia, and the interactions between ecosystems and the people living in them. UA offers both Master’s and Ph.D. programs. Biology programs at all three UA campuses (Fairbanks, Anchorage and Juneau) offer the potential to interact closely with dedicated faculty and motivated peers. For more information on faculty and their research interests please see < www.alaska.edu/epscor/bio.grad.postdoc.08-09.html >. To be considered for a fellowship, students should contact UA faculty member(s) to discuss potential research, apply for graduate school at the appropriate UA institution, and apply for the fellowship with this application: < www.alaska.edu/epscor/awards/EPSCoR-2008-09-grad.app.doc >. The project summary noted in the application is at: < www.alaska.edu/epscor/AK-EPSCoR-Project-Summary.pdf >. The deadline to apply to the graduate school and for these fellowships is 1 February 2008. A copy of all materials should be sent to your faculty sponsor. Deadlines: Application to graduate school and the fellowship: 1 February 2008. Decisions will be made by late February.

Post Doctoral Associate, Smithsonian Institution: A postdoctoral researcher is sought for EuphORBia (A global inventory of the spurges), an NSF-funded Planetary Biodiversity Inventory (PBI) project studying *Euphorbia* (Euphorbiaceae s.s.) < <http://www.euphorbiaceae.org> >. The successful candidate will be primarily involved in the molecular phylogenetics and evolution aspects of the project. Responsibilities include: lab work (DNA extraction, amplification, and sequencing, primer

design, cloning, etc.), molecular data analysis, data basing, field work, meeting presentations, and manuscript preparation. The position is located at the Smithsonian Institution at both the US National Herbarium in Washington, DC and at the Museum Support Center in nearby Maryland. Candidates should have a Ph.D. in plant systematics and experience in molecular phylogenetics. Candidates with field experience and an interest in pursuing an individual research project within the scope of the PBI are encouraged. The position is available for one year beginning in January-May 2008 and can be extended to two years based on performance. To apply, submit via e-mail a statement of interest and relevant experience, a *curriculum vitae*, and contact information for three references (names, email addresses, and phone numbers) to: Kenneth Wurdack; E-mail <wurdackk@si.edu>; phone: 301 238-1042.

Postdoctoral Fellowship, California Academy of Sciences: The California Academy of Sciences invites applications for the John J. Rose Postdoctoral Fellowship in Botany. Applications for this full-time position are solicited from individuals with a primary interest in, and commitment to, active field- and collection-oriented research in the systematics and phylogenetics of vascular plants using contemporary techniques. We seek an individual who will participate in our research programs in diverse geographic areas and contribute to the development of a major world-wide herbarium. The Academy's Department of Botany houses an herbarium of nearly 1.9 million specimens of vascular plants, bryophytes, and lichens. Current collection growth is focused on plants from Latin America, eastern Asia, (particularly China), Madagascar, and western North America (especially California, Nevada, and Arizona). We currently have active research programs in China, Madagascar, and parts of Central and South America. Other institutional research resources and facilities include a SEM unit, the Center for Comparative Genomics, and a comprehensive library of systematic and evolutionary biology. For additional information about the California Academy of Sciences and its Department of Botany, please visit <<http://www.calacademy.org>> and <<http://www.calacademy.org/research/botany>>. Candidates must have their Ph.D. prior to beginning the position. This is a one year position with possible extension to two years based on performance. To apply, send a letter of interest, a *curriculum vitae*, a general description of research goals, and a proposed project to be conducted during the fellowship period. Please also include the names, addresses, e-mails, and telephone numbers of three references. Send applications to: Human Resources Department #ROSEpostdoc, 875 Howard Street, San Francisco, CA 94103. Applications will be considered beginning Nov. 15, 2007 for a starting date in 2008. The California Academy of Sciences is a Natural History Museum, Aquarium, Planetarium, and Research Institution located in San Francisco. The Academy is an Equal Opportunity Employer and welcomes applications from individuals who will contribute to its diversity.



NEWS FROM HERBARIA AND COLLECTIONS

Building a National Community of Natural History Collections

The U.S. National Science Foundation has awarded a Research Coordination Grant entitled: "Building a National Community of Natural History Collections." The purpose of the RCN is to build a strong scientific community to better serve researchers in systematics, biodiversity, and other fields that use natural history collections. Three professional organizations, the American Institute of Biological Sciences, the Natural Science Collections Alliance, and the Society for the Preservation of Natural History Collections will provide strong support as partners in the RCN, and many other societies have already built ties with the RCN by appointing Core Participants.

The RCN has the following objectives: 1) Identify the institutions and people that will define our community and facilitate dialogue among them about how to better serve the needs of researchers, 2) identify major opportunities and challenges in the current environment and foreseeable future and develop a strategic plan for the future of collections research, 3) determine how to strengthen and modernize the role of collections in education and outreach, and 4) identify the primary needs of collections regarding care, curation, storage, and accessibility. The objectives will be met with a series of workshops, symposia, internships, and a Web site <<http://www.collectionsweb.org>> which will provide a forum for interaction, host workshop reports, provide information on ways to become involved in the RCN, and provide links to resources for NHC. Several major community resources will be developed, including a catalogue of NHC, a survey of the status of NHC, a register of curatorial expertise, and an inventory of innovative and successful educational programs. Broadening minority participation in collections activities is a goal of the RCN.

The initial steering committee members are Henry L. Bart (Tulane University, vertebrate systematics), Meredith Blackwell (Louisiana State University, fungal systematics), L. Alan Prather (Michigan State University, plant systematics) and James B. Woolley (Texas A&M University, invertebrate systematics). Announcements of upcoming events, opportunities to get involved, and reports will be posted to the website, so please check back often. Your input is essential! Contact us at <http://www.collectionsweb.org/about/steering_committee.html>.

GBIF Sets Goal of Mobilizing 1 Billion Records by End of 2008

To increase depth and breadth of coverage, applicability and usefulness of the biodiversity data it mediates, the Global Biodiversity Information Facility (GBIF) has set a goal of making one billion (1,000,000,000) high quality data records available via its data portal by December 2008. GBIF calls on holders of such data around the world to prioritize digitizing and sharing their data to

deepen and broaden biodiversity data coverage of the whole globe available through the GBIF network.

There is a worldwide call for more information on the world's biodiversity to be made digitally available so it may be used to understand better the state of the planet and our management thereof. One such key area is monitoring and measuring the impacts of changes in climate on the Earth's flora and fauna and thus on human well-being and sustainable development. This call comes from all sectors of society — governments, industry, academia, and civil society. GBIF is the world's largest network for scientific biodiversity data, currently giving access to approximately 136 million digital records held in over 1000 databases worldwide.

The GBIF Governing Board, comprising delegations from its 42 member countries and 34 international organizations, agreed the 1 Billion Records target proposed by King at its annual meeting in October of this year. In recognizing that achieving the goal will require much greater interest and investment in GBIF-related activities at the national level, the Governing Board called on all its members, as well as other countries and organizations, to make such investments in the interest of addressing global problems.

The need for this rapid mobilization of quality data is well-supported by the recently published findings of a BBSRC-funded study examining the depth of coverage available through GBIF. See the GBIF Web site at < <http://www.gbif.org/> > .



FUNDING AND AWARD OPPORTUNITIES

The John W. Marr and Myrna P. Steinkamp Funds

The Colorado Native Plant Society supports research projects in plant biology from the John W. Marr and Myrna P. Steinkamp funds. These separate funds honor the late Dr. John Marr, Professor at the University of Colorado and the first President of the CONPS, and Dr. Myrna Steinkamp, a founding member of CONPS who worked on behalf of the Society for many years in a variety of capacities. Both funds were established to support research on the biology and natural history of Colorado native plants by means of small grants. The Steinkamp Fund targets rare species and those of conservation concern. Both field and laboratory studies are eligible for funding. Thanks to the generous contributions of many members and supporters, a total of nearly \$3,000 is available, although individual awards will not exceed \$1,000. Recipients of the awards must agree to summarize their studies for publication in *Aquilegia* and on the CoNPS Web site. Awardees are highly encouraged to present the results of their research in poster or presentation format at the CoNPS annual meeting and/or a chapter meeting. The Board of Directors is now soliciting proposals

for a 15 February 2008 deadline. Information on guidelines and requirements for proposals may be obtained by contacting Board member Jan Loechell Turner at < jlturner@regis.edu > or (303) 458-4262. Alternately, you may visit our web site at < http://www.conps.org/research_grants.html > .

Lawrence Memorial Award — 2008 Nominations

The Award Committee of the Lawrence Memorial Fund invites nominations for the 2008 Lawrence Memorial Award. Honoring the memory of Dr. George H. M. Lawrence, founding Director of the Hunt Institute for Botanical Documentation, the annual Award of (\$2,000) is given to support travel for doctoral dissertation research in systematic botany or horticulture, or the history of the plant sciences, including literature and exploration. Major professors are urged to nominate outstanding doctoral students who have achieved official candidacy for their degrees and will be conducting pertinent dissertation research that would benefit significantly from travel enabled by the Award. The Committee will not entertain direct applications. A student who wishes to be considered should arrange for nomination by his/her major professor; this may take the form of a letter which covers supporting materials prepared by the nominee. Supporting materials should describe briefly but clearly the candidate's program of research and how it would be significantly enhanced by travel that the Award would support. Letters of nomination and supporting materials, including seconding letters, should be received by the Committee no later than 1 May 2008 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA. Tel. (412) 268-2434

Seed Money for GBIF (Global Biodiversity Information Facility) Projects

This 2007–2008 RFP is a call for GBIF data content development in response to data needs associated with clearly identified global biodiversity issues. We are encouraging mobilisation of data content that has the potential to serve multiple purposes. We seek to couple this content mobilisation with use and evaluation of data already available via the GBIF Portal < http://data.gbif.org > . Proposed projects can target either occurrence data that falls within the DIGIT (Digitisation of Natural History Collections) programme, or taxonomic checklist content that falls under the auspices of ECAT (Electronic Catalogue of Names of Known Organisms), or both. The most important factors in the review process will be the added value of the data to be made available, their relevance to one or more global issues and the potential for multiple uses. The funds distributed in this awards programme are called "Seed Money" because they are intended to be the seed for additional investments in the same project by entities other than GBIF. As in previous calls for proposals, the intent is to stimulate the development of datasets to be made available via the GBIF Portal that can make a significant scientific contribution to society and sustainable development and strengthen the GBIF network by encouraging consortium-building among data

providers. Description of Desired Project Results: First, we seek projects that link the proposed content to at least one issue that is important to sustainability. The proposal should explain why and how the data to be provided as a result of the project will contribute to addressing the identified issue. Examples of such issues include (but are not limited to): • Global Climate Change • Pollinators • 2010 Indicators • Invasive Alien Species • Global Strategy for Plant Conservation Second, we seek datasets with maximal capacity for re-use. This means well-documented datasets (metadata include various precision metrics) from which it is possible for potential users to assess fitness-for-use for their purposes. Among the most important attributes are adequate description of geographic and taxonomic information. We seek geo-referenced datasets (that is, including latitude and longitude) with explicit statements of precision or a reasonable justification for not including them, and taxon references assigned to the appropriate columns (e.g. family to family, genus to genus) as complete as possible. A complete list of required or preferred attributes is provided in the Requirements section (below). Third, we wish to see explicit statements of evaluations to refine and extend the capabilities of the GBIF Portal: 1. Use of the new GBIF data portal in determining the need for the proposed dataset. Were qualitative or quantitative gaps in currently accessible content detected? What other evaluations were used to determine the need for the proposed dataset? 2. Use(s), via the GBIF portal, to which the data may be put in addressing an important issue or theme (see suggestions above). How could the portal be used, in concert with the newly mobilised content, to address the target issue? For detailed information about the eligibility, award information, and the application process, see < <http://www.inhs.uiuc.edu/~kenr/ASPT/gbif.pdf> > to download a pdf document or contact ECAT Programme Officer David Remsen < dremsen@gbif.org > or DIGIT Programme Officer Vishwas Chavan < vchavan@gbif.org > . Deadline for applications: 1 November 2007.

Jessup and McHenry Awards, Academy of Natural Sciences, Philadelphia

Jessup funds are awarded competitively to students wishing to conduct studies at the postgraduate, doctoral and postdoctoral levels under the supervision or sponsorship of a member of the curatorial staff of the Academy. The Awards are not available for undergraduate study. Such studies may be in any speciality in which these curators have expertise. The McHenry Fund is similarly intended, but is restricted to botanists, who are invited to visit us to study our botanical collection. (See collectors represented at < <http://www.ansp.org/research/biodiv/botany/pdf/Mears1981.pdf> >). Please note that awards are restricted to those who wish to conduct their study here at the Academy. Requests for further information about the Fellowships should include whenever possible a return email address. Further, such requests will only be considered when submitted with a letter of support from your thesis supervisor. These awards are intended to assist predoctoral and postdoctoral students within several years of receiving their Ph.D's. Students commuting within the Philadelphia area

are ineligible. Round-trip travel costs up to a total of \$500.00 for North American (including Mexico and the Caribbean) applicants, and \$1000.00 for applicants from other parts of the world, may be available but cannot be guaranteed. The minimum duration of an award is two (2) weeks; the maximum is sixteen (16) weeks. The stipend for subsistence is \$300.00 per week. The provision of scientific supplies and equipment is the responsibility of the student and the sponsoring curator. A Jessup-McHenry student is expected to give a seminar after his or her arrival, and is encouraged to publish at least some of his/her work accomplished at the Academy. Applicants for grants will be considered in March and October of each year. Applicants who wish to do their research between April 1 and October 31 should apply by March 1; those wishing to work between November 1 and March 31 should apply by October 1. It is the responsibility of the applicant to submit his or her application in time and to be sure that the three letters of recommendation also reach the Fund Chairman in time. One of these letters of recommendation must be from the Academy curator overseeing or sponsoring the student. For more information, see < http://www.ansp.org/research/opportunities/jessup_mchenry.php > .



SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2008

VIII International Cycad Conference, Panama City, Panama, 12–18 January 2008

The VIII International Conference On Cycad Biology will be held in Panama City, Panama, from 12 to 18 January 2008. This represents the eighth in a series of meetings held every three years since 1987 to bring together scientists, conservation practitioners, and cycad enthusiasts, to share ideas and to celebrate this remarkable group of plants. Everyone interested in attending note the following dates. Second announcement: 1 March 2007. Third announcement and call for abstracts: 1 May 2007. Deadline for Abstracts: 30 June 2007. Registration: 31 August 2007. Enquiries to Dr. Alberto Taylor < sidney@cwpanama.net > ; Phone: (011-507) 534-6211; cell phone: (00507) 6632 - 4812. Look for updates on the conference Web site < http://www.igc.up.ac.pa/vice-ip/cycad_vip.htm > .

Smithsonian Botanical Symposium 2008, 25–26 April 2008

Plants and animals have ecologically interacted for hundreds of millions of years. These interactions have resulted in adaptations and specializations in both the plants and the animals. In some cases these adaptations have resulted from the coevolution of the two lineages. This symposium, hosted by the Departments of Botany and Entomology, will address the various ecological

interactions, evolutionary adaptations, and co-radiations of plants and animals in habitats across the planet and explore the processes of coevolution. The symposium highlights the new hall of coevolution, entitled “Partners in Evolution—Butterflies and Plants,” which will open at the National Museum of Natural History in February of 2008. Registration deadline: 11 April 2008. For information and registration, see < <http://persoon.si.edu/sbs/> > .

International Organisation of Plant Biosystematists, Slovakia, 2–4 July 2008

Following a successful meeting of the International Organisation of Plant Biosystematists (IOPB, now interest group of the International Association for Plant Taxonomy) in Valencia in 2004 < <http://www.jardibotanic.org/iopb.html> > the next IOPB meeting in July 2008 will be held in the Vysoké Tatry Mts. in Slovakia. The meeting will be devoted to the Evolution of Plants in Mountainous and Alpine Habitats. We would like to cover a wide span of topics ranging from the traditional biosystematic studies to the application of the most advanced molecular techniques addressing evolutionary, phylogenetic, phylogeographic, ecological and other questions. The idea is to present the results of studies of the mountain and alpine flora from different parts of the world. Following the symposium there will be a possibility to stay for few days in the Vysoké Tatry Mts. and visit some interesting localities of the mountain and alpine flora in the Tatry National Park. The 2008 symposium in the Vysoké Tatry Mts. is organised by the Institute of Botany of the Slovak Academy of Sciences, Slovak National Taxonomic Facility, and the Department of Botany, Charles University in Prague in cooperation with the International Association for Plant Taxonomy and International Organisation of Plant Biosystematists. We invite you to take part at this meeting, which will be an excellent opportunity to become aware of the most recent developments in the study of the high mountain flora, but also to see interesting examples of the Carpathian flora just few metres from the symposium venue. For further information and registration please visit the symposium Web page < <http://www.guarant.cz/iopb2008> > where you are also encouraged to show your preliminary interest by filling in the Interest Form.

21st North American Prairie Conference, 4–8 August 2008, Winona, MN

The 21st North American Prairie Conference will take place 4–8 August 2008 on the campus of Winona State University in Winona, Minnesota. Because Winona is located next to the Mississippi River and close to a variety of prairies ranging from sand prairie to dry prairie to wet prairie to the special thin-soiled “goat prairie”, The Prairie Meets the River has been chosen as this year’s theme to emphasize the importance of water in the prairie environment. Attendees will range from biologists and botanists to prairie enthusiasts and community members, as well as businesses specializing in prairie seeds and prairie restoration. Additional information, including registration and vending and/or sponsoring opportunities, can be found at < <http://bio.winona.edu/NAPC/> > or by e-mailing < bbethelot@winona.edu > .

Monocots IV and Fifth International Symposium on Grass Systematics and Evolution, Copenhagen, Denmark, 11–15 August 2008

The Fourth International Conference of The Comparative Biology of the Monocotyledons and The Fifth International Symposium of Grass Systematics and Evolution will take place in 2008 in Copenhagen, Denmark. The organizing committee consists of members from The Natural History Museum of Denmark and the biological departments of the Universities of Aarhus and Copenhagen. Purpose: To bring leading scientists from all over the world together to Copenhagen to present and discuss the latest developments in the field of monocot and grass evolution. Registration: Registration is open to anyone interested in the evolution of the monocotyledons and grasses. Payment of the registration fee allows access to all sessions. Reduced fees will apply to students. Congress Site: The conference site is in the northern campus area of the University of Copenhagen close to the Zoological Museum. Language: The official language is English. Highlights: The congress will convene at the opening session on Monday, 11 August 2008 with welcoming ceremonies and plenary lectures, starting with the Rolf Dahlgren lecture. The scientific program will take place from Monday through Friday. Scientific events will end daily at 17:00. A reception hosted by the City of Copenhagen will take place at the Town Hall. The conference dinner will be held in the Tivoli Gardens. For more information: see the Web site < <http://www.monocots4.org/> > .



NEW SERIALS AND NEWS ABOUT SERIALS

Contributions from the University of Michigan Herbarium

Volume 25, 247 pp, August 2007. US orders: \$35.00; non-US-orders: \$40.00. Send purchase order, or check (drawn on a US bank) or money order made payable to: University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2287. SPECIAL OFFER: Order a copy of Volume 25 and receive any previously published volume at HALF PRICE! This sale ends 31 March 2008. See the MICH Web site at < <http://herbarium.lsa.umich.edu> > for table of contents, order forms, and details about the sale.



SPECIAL COURSES

Tropical Botany, Florida

The University of Florida, Department of Botany and the National Tropical Botanical Garden-Kampong, in collaboration with Fairchild Tropical Botanic Garden, will offer an intensive, in-residence course/workshop on

the systematics of tropical plants, in Miami, Florida, from 30 June–21 July 2008. **Instructor:** Dr. Walter S. Judd (Course Director, Department of Botany, 214 Bartram Hall, PO Box 118526, University of Florida, Gainesville, FL 32611-8526; e-mail < wjudd@botany.ufl.edu > ; phone: 352-273-1983; fax: 352-392-3993). Dr. Scott A. Zona, Research Scientists at F.T.G., will lecture on the systematics of Palmae. **The Course:** Tropical Botany is an intensive course of study in the biology and systematics of tropical plants. Subject matter will be largely based on the extensive holdings of tropical vascular plants at Fairchild Tropical Garden, National Tropical Botanical Garden-Kampong, and the Montgomery Botanical Institute. These gardens have the largest living collections of tropical plants in the United States. Additionally, field trips will be made to the Florida Everglades, the Florida Keys, and adjacent natural areas. The natural vegetation of South Florida, which includes littoral and dry land habitats, mixed tropical hardwood hammocks, pinelands, and mangrove communities, will introduce students to the diversity of tropical vegetation. The object of the course is to provide advanced students and/or professionals with a detailed coverage of the systematics, phylogeny, diversity of structure, and economic botany of tropical vascular plants. Questions concerning the course should be addressed to Dr. Judd. **Credit-hours:** Tropical Botany is taught as a workshop sponsored by the National Tropical Botanical Garden-Kampong, with the collaboration of Fairchild Tropical Garden. If academic credit is desired students may enroll in either BOT 6935 (graduate), BOT 4935 (advanced undergraduates) and receive 2 semester credit-hours, or BOT 5685 (Botany students, with permission) and receive 5 semester credit-hours. These courses are offered by the Department of Botany, University of Florida, and they can be taken by non-U.F. as well as by U.F. students. Students may also arrange for academic credit from their home institutions. **Enrollment:** Limited to 12 participants, with preference given to upper-level students or professional biologists/teachers. **Application:** Individuals should apply by 16 April 2008 (to Dr. Judd, see address above). Applications should include the following: a letter stating reasons for taking the course, a *curriculum vitae*, and a letter of recommendation (sent separately). Applicants will be notified of acceptance by 5 May 2008. **Accommodation:** Students will be housed at the Kampong (superintendent's cottage/dormitory), but, if desired, housing is also available at a hotel near Fairchild Tropical Garden; cost of room is \$25 per day. **Fees/tuition:** A course fee of \$1300 is required to cover garden and course/workshop costs. In addition, if U.F. academic credit is desired, tuition costs are \$311.60/ credit (in-state, graduate), \$108.55/ credit (in state, undergraduate), \$941.79/ credit (out-of-state, graduate), or \$594.70 /credit (out-of-state, undergraduate). Three scholarships (covering a portion of the course fee) will be available.



NEW BOOKS FOR REVIEW

Information provided by L. J. Davenport, Book Review Editor. The selection of reviewers and books to be reviewed in Systematic Botany are left to the discretion of the Book Review Editor. Members of ASPT who are interested in serving as a reviewer should contact Larry Davenport at < ljdavenport@samford.edu > .

Evolutionary Genomics and Proteomics by M. Pagel and A. Pomiankowski (eds.). 2008. 351 pp. ISBN 987-0-87893-654-0. \$54.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Plant Systematics: A Phylogenetic Approach, 3rd edition by W. S. Judd, C. S. Campbell, E. A. Kellogg, P. F. Stevens, and M. J. Donoghue. 2008. 611 pp. ISBN 978-0-87893-407-2. \$94.95. (hbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Books Previously Listed but Reviewers Still Needed

Anatomy of Flowering Plants by P. Rudall. 2007. 145 pp. ISBN 0-521-69245-8. \$39.99 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211; < <http://www.cambridge.org> > .

Annual Plant Reviews, Volume 25: Plant Cell Separation and Adhesion by J. A. Roberts and Z. Gonzalez-Carranza (eds.). 2007. 210 pp. ISBN 1-4051-3892-0. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 26: Senescence Processes in Plants by S. Gan (ed.). 2007. 332 pp. ISBN 1-4051-3984-7. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 27: Seed Development, Dormancy and Germination by K. Bradford and H. Nonogaki (eds.). 2007. 367 pp. ISBN 1-4051-3983-8. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 29: Regulation of Transcription in Plants by K. D. Grasser (ed.). 2006. 350 pp. ISBN 1-4051-4528-5. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 30: Light and Plant Development by G. C. Whitelam and K. J. Halliday (eds.). 2007. 325 pp. ISBN 1-4051-4538-1. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 31: Plant Mitochondria by D. C. Logan (ed.). 2007. 342 pp. ISBN 1-4051-4939-6. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Flora Malesiana Volume 17, Part 1: Moraceae (Genera Other Than Ficus) by C. C. Berg, E. J. H. Corner and F. M. Jarrett. 2006. 154 pp. ISBN 90-71236-64-1. €35.00 (pbk). National Herbarium Nederland, Publications Department, PO Box 9514, 2300 RA Leiden, The Netherlands; < <http://www.nhncml.leidenuniv.nl/rhb/> > .

Flora Malesiana Volume 18: Apocynaceae (Subfamilies Rauvolfioideae and Apocynoideae) by D. J. Middleton. 2007. 474 pp. ISBN 90-71236-65-5. €65.00 (pbk). National Herbarium Nederland, Publications Department, PO Box 9514, 2300 RA Leiden, The Netherlands; ; < <http://www.nhncml.leidenuniv.nl/rhb/> > .

Flowering Plants of Kerala; A Handbook by T. S. Nayar, A. R. Beegam, N. Mohanan, and G. Rajkumar. 2006. 1079 pp. ISBN 81-900397-6-8. \$95.00. Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram, Kerala 695 562, India; < <http://www.tbagri.org> > .

Induced Resistance for Plant Defence; A Sustainable Approach to Crop Protection by D. Walters, A. Newton and G. Lyon (eds.). 2007. 258 pp. ISBN 1-4051-3447-7. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

The Origins of Genome Architecture by M. Lynch. 2007. 494 pp. ISBN 0-87893-484-3. \$59.95 (hbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

The Physiology of Crop Yield, 2nd edition by R. Hay and J. Porter (eds.). 2006. 314 pp. ISBN 1-4051-0859-2. \$59.99 (pbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Plant Growth and Climate Change by J. I. L. Morison and M. D. Morecroft (eds.). 2006. 213 pp. ISBN 1-4051-3192-6. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Plant Solute Transport by A. R. Yeo and T. J. Flowers (eds.). 2007. 405 pp. ISBN 1-4051-3995-3. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Present at the Flood; How Structural Molecular Biology Came About by R. E. Dickerson. 2005. 307 pp. ISBN 0-87893-168-6. \$34.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

A Primer of Genome Science, 2nd edition by G. Gibson and S. V. Muse. 2004. 378 pp. ISBN 0-87893-232-1. \$59.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Principles of Population Genetics, 4th edition by D. L. Hartl and A. G. Clark. 2007. 652 pp. ISBN 0-87893-308-2. \$93.95 (hbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Rights to Plant Genetic Resources and Traditional Knowledge; Basic Issues and Perspectives by S. Biber-Klemm and T. Cottier (eds.). 2006. \$170.00. CABI North American Office, 875 Massachusetts Avenue, 7th Floor, Cambridge, MA 02139; < <http://www.cabi.org> > .

Tropical Plants of Costa Rica; A Guide to Native and Exotic Flora by W. Zuchowski. 2007. 529 pp. ISBN 0-8014-7374-6. \$35.00 (pbk). Cornell University Press, Sage House, 512 E. State Street, Ithaca, NY 14850; < <http://www.cornellpress.cornell.edu> > .



NEW WEB SITES

There are many links on other Web sites (start with < <http://www.csdl.tamu.edu/FLORA/tfp/tfplinks.html> > to pages that have information applicable to plant taxonomy. On this current page, we will add new sites as they come to our attention. If you have a new or revised Web site that may be of interest to the membership of ASPT, please send the URL address to the editor of the Newsletter. This section is not intended to be a comprehensive list of all sites useful to plant taxonomists.

Digital Atlas of *Cuscuta*: *Digital Atlas of Cuscuta* was launched by Mihai Costea as a step toward a monograph of the genus. Delimitation and identification of *Cuscuta* taxa is based on minute morphological characters of the flowers, capsules and seeds. The only comprehensive source of iconography available for *Cuscuta* was provided by Truman G. Yuncker in 1932, but his illustrations consist of line drawings. Although these can be quite useful to indicate shapes and ratios between various floral parts, in the case of this genus line drawings are less informative for tridimensional parts, textures, color, fleshiness and thickness, cell-patterns on various surfaces. Such elements of floral morphology have been made available for the first time in the *Digital Atlas of Cuscuta*. The site is intended to serve as a comprehensive repository of taxonomic information for *Cuscuta* (dodders, Convolvulaceae), as well as an aid for the identification of its taxa. Type specimens from various herbaria world-wide have been used to illustrate the taxa. Finally but not last, this is the next generation in the study of morphology in dodders. All the images in these galleries were obtained through the fusion of multiple snapshots taken at successive depths of field, therefore, maximizing the amount of information contained by the final photographs by coming as close as possible to 3D images. Please visit the website at < http://www.wlu.ca/page.php?grp_id=2147&p=8968 > .

The Vascular Plant Atlas of Georgia On-line: The Vascular Plant Atlas of Georgia, ferns through monocots, was completed by Patrick W. Sweeney & David E. Giannasi in 2000 and is now available at the University of Georgia Herbarium [GA] Web site < <http://www.plantbio.uga.edu/herbarium/index.html> > or directly at < <http://www.plantbio.uga.edu/herbarium/GeorgiaAtlas/index.html> > . These records are based on the collections

at GA which has the largest holdings of Georgia plants. The current faculty and staff of the GA Herbarium are updating and completing The Vascular Plant Atlas of Georgia with funding from the National Science Foundation (DBI-0345226 and DBI-0450818; Wendy B. Zomlefer, PI; David E. Giannasi, coPI), and we anticipate a comprehensive posting in the near future. The present project participants are making these data available in the interim while acknowledging that many strides have been made in the systematics of these taxa since this project was initiated in 1997. — Wendy B. Zomlefer, University of Georgia Herbarium [GA].

