

















Salary, benefits, and operating budget are competitive. Please send a cover letter, CV, and a statement of research interests to Kayri Havens, Director of Conservation Science, Chicago Botanic Garden, 1000 Lake Cook Road, Glencoe, IL 60022. [Posted 29 October 2001]

**Postdoctoral Fellowship in Plant Molecular Systematics, Southern Illinois University, Carbondale:** A postdoctoral fellowship is available, beginning March 1, 2002 to participate in studies of the molecular evolution and systematic relationships of simple thalloid liverworts as part of an NSF-funded PEET project. The goals of the project are to circumscribe the 17 genera of the suborders Pelliineae and Pallaviciniineae using a combination of morphological and molecular characters, to assess patterns of genetic variability in cosmopolitan taxa, and to resolve the phylogenetic relationships among the genera of simple thalloid hepatics and the other major groups of liverworts. Qualifications include a Ph.D. in plant biology, with a strong research background in molecular systematics and familiarity with DNA sequencing techniques. Duties of the position are to oversee the collection and analysis of molecular data, to assist in the training of students in molecular techniques, and to work effectively as a member of a research team. As a member of this PEET team, the postdoc will be both a trainer and a trainee, who will gain valuable knowledge about the biology of one of the earliest groups of land plants. Additional information about the project and its research team can be found at < <http://bryophytes.plant.siu.edu> >. Interested applicants should send a *curriculum vitae*, a brief statement of research background, and the names of two references to: Dr. Barbara Crandall-Stotler, Department of Plant Biology, Mail Code 6509, Southern Illinois University, Carbondale, IL 62901-6509; e-mail: < [crandall@plant.siu.edu](mailto:crandall@plant.siu.edu) >. The review of applications will begin 1 December 2001 and will continue until the position is filled. [Posted 15 October 2001]

**Graduate Assistantships in Bryology, Southern Illinois University, Carbondale:** Graduate assistantships are available at Southern Illinois University-Carbondale for bright, motivated students interested in studying the biology and systematics of liverworts, as participants of an NSF-funded PEET (Partnership for Enhancing Expertise in Taxonomy) project. Under the mentoring of Dr. Barbara Crandall-Stotler and Dr. Raymond Stotler, student theses and/or dissertations will focus on monographic and phylogenetic studies of the pivotal simple thalloid taxa of the Pallaviciniineae and Pelliineae. The project may provide opportunities for field work in North America, Latin America, and New Zealand, as well as participation in national and international conferences and workshops. Degrees are offered through the Department of Plant Biology and typically require two years of study for an M.S. or four years for a Ph.D. The Department offers a selection of more than 40 graduate courses and has excellent laboratory facilities. A detailed description of the department may be found at < [http://www.science.siu.edu/plant\\_biology/index.html](http://www.science.siu.edu/plant_biology/index.html) >. To obtain further information regarding application procedures, please contact: Dr. Barbara Crandall-Stotler, Department of Plant Biology, Mail Code 6509, Southern Illinois University, Carbondale, IL 62901-6509; e-mail:

< [crandall@plant.siu.edu](mailto:crandall@plant.siu.edu) >. [Posted 15 October 2001]

**Graduate Study in Plant Molecular Systematics, Washington State University:** The Plant Molecular Systematics Laboratory of Dr. Eric H. Roalson, Washington State University, seeks students interested in pursuing Ph.D. or M.S. degrees in plant systematics. The successful applicants are expected to be energetic, highly motivated individuals. Successful applicants are eligible for a teaching assistantship in the School of Biological Sciences. The Roalson lab primarily focuses on phylogenetic relationships, nuclear gene family, chromosomal, and morphological evolution in the Cyperaceae and Gesneriaceae plant families, although work in other areas is not discouraged. Please see the School of Biological Sciences Web site: < <http://www.sci.wsu.edu/sbs/> >. For details, contact Eric H. Roalson, School of Biological Sciences, Washington State University, Pullman, WA 99164; e-mail: < [roalson@mail.wsu.edu](mailto:roalson@mail.wsu.edu) >; voice: 509 335-7921; fax: 509 335-3184. Deadline for Graduate Applications, 1 February 2001. [Posted 30 September 2001]

**Graduate Study in Floristics, Rocky Mountain Herbarium:** The Rocky Mountain Herbarium (RM), University of Wyoming, seeks students interested in pursuing an M.S. degree in broad-scale floristics. The successful applicants are expected to be energetic, highly motivated individuals capable of working with limited supervision for extended periods of time. A member of the staff will spend two to four weeks each summer assisting with collecting. Beginning Spring 2002, Santa Fe National Forest including Valles Caldera National Preserve (totaling 2,600 mi<sup>2</sup>; parts of Los Alamos, Mora, Rio Arriba, Sandoval, San Miguel, Santa Fe counties in north-central NM) will fund two summers of fieldwork, provide housing, and provide space for the processing of specimens. Likewise, the Medicine Bow National Forest will fund work on the Thunder Basin National Grassland and vicinity (1,500 mi<sup>2</sup>; parts of Campbell, Crook, Niobrara, Weston counties in northeastern WY). The recipients must compete successfully for a teaching assistantship in the Department of Botany. For more information, see the Web pages for the herbarium: < <http://www.rmh.uwyo.edu/> > and the department: < <http://uwadmnweb.uwyo.edu/botany> >. For details, contact Ronald L. Hartman, Rocky Mountain Herbarium, Department of Botany, University of Wyoming, Laramie, Wyoming 82071-3165; e-mail: < [rhartman@uwyo.edu](mailto:rhartman@uwyo.edu) >; voice: 307 766-2236; fax: 307 766-2851. Deadline for graduate applications, 15 February 2002. [Posted 19 July 2001]

**Postdoctoral Research Associate Position in Macrofungi at the Field Museum, Chicago:** A two-year term postdoctoral research associate position is available to undertake research on the systematics and biogeography of *Laccaria* and other macrofungi. The successful candidate will have a Ph.D. with research experience in molecular systematics of fungi. Experience with morphological characters and with integrating morphological and molecular data sets would be an asset. Some fieldwork is possible. Please submit a cover letter with a description of research experience and interests, CV, and list with e-mail addresses of three references to: Greg Mueller, Department of Botany, The Field Museum, 1400 South Lake Shore



support. Letters of nomination and supporting materials, including seconding letters, should be received by the committee no later than 1 May 2002 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA. Phone: 412 268-2434. For more information, including a list of previous winners, see < <http://huntbot.andrew.cmu.edu/HIBD/HI-LawrenceAward.html> > .

#### **Timothy C. Plowman Latin American Research**

**Award:** The Botany Department at The Field Museum invites applications for the year 2002 Timothy C. Plowman Latin American Research Award. The award of \$1,500 is designed to assist students and young professionals to visit the Field Museum and use our extensive economic botany and systematic collections. Individuals from Latin America and projects in the field of ethnobotany or systematics of economically important plant groups will be given priority consideration. Applicants interested in the award should submit their *curriculum vitae* and a detailed letter describing the project for which the award is sought. The information should be forwarded to the Timothy C. Plowman Award Committee, Department of Botany, The Field Museum, 1400 South Lake Shore Drive, Chicago, IL 60605-2496 USA, and received no later than 30 November 2001. Announcement of the recipient will be made no later than 31 December 2001.



## **SYMPOSIA AND MEETINGS**

NOTE: LISTED IN CHRONOLOGICAL ORDER!

### **2002**

#### **AIBS 53rd Annual Meeting, Arlington, Virginia, 22–24 March 2002**

“Evolution: Understanding Life on Earth,” presents an excellent opportunity for biologists to share the latest developments in evolution research and education. Attendees will hear distinguished plenary speakers present synthesizing lectures from the forefront of their fields, then will join those speakers and other equally notable scholars in informal discussion groups. The rest of the meeting’s program includes a session on on-line resources for research and education; a session on the central role of organismal biology; contributed posters; a diversity scholars competition; and a presentation by Darwin scholar and stage performer Richard Milner of his popular musical, “Charles Darwin: Live and in Concert.” Speakers and discussion leaders include: Francisco Ayala, Rodger Bybee, Joel Cracraft, Niles Eldredge, Douglas Futuyma, Peter and Rosemary Grant, Alison Jolly, John Jungck, Joe Levine, Paula Mabee, Kenneth Miller, Loren Rieseberg, and Eugenie Scott. Topics include evolutionary mechanisms and patterns, replication studies, genomics and development, conservation and population biology,

formal education K–16, public education, anti-evolution, public policy and politics, and faith-based issues. More information, and on-line registration, is available at < <http://www.aibs.org> > or call 703-790-1745; e-mail: < [admin@aibs.org](mailto:admin@aibs.org) > .

#### **Second Annual Smithsonian Botanical Symposium, Washington, DC, 5–6 April 2002**

The title of this year’s symposium is “The Convention on Biological Diversity: The Globalization of Natural History Science”. The symposium will be held at the National Museum of Natural History, Smithsonian Institution, Washington, DC. The symposium will address the impact of the Convention on Biological Diversity on scientists and its ramifications for understanding the natural world. Sign up for more information on the Web or contact Dr W. John Kress, Dept. of Systematic Biology, National Museum of Natural History, Smithsonian Institution, Washington, DC 20560-0166; e-mail: < [kress.john@nmnh.si.edu](mailto:kress.john@nmnh.si.edu) > .

#### **Robert Brown 200, Royal Botanical Gardens Sydney, Australia, 8–10 May 2002**

In May 1802, Robert Brown first set foot in Sydney as surgeon-naturalist on Matthew Flinders’ expedition. He returned several times over the next three years, making a pre-eminent contribution to knowledge of our local flora. A three-day conference celebrating his time in this region and his lasting scientific contributions will be held under the auspices of the Royal Botanic Gardens Sydney, Greening Australia (NSW) Inc., the Linnean Society of London, and the Australian Systematic Botany Society. The conference will include invited talks and contributed posters on two broad themes: 1) Brown’s lasting influence on botanical systematics and 2) changes in the vegetation of the Sydney region since his visit: current conservation and land management issues. For more information, see the Web site at < <http://plantnet.rbgsyd.gov.au/brown200/> > .

#### **André Michaux International Symposium, Preliminary Announcement and Solicitation of Interest, 15–19 May 2002**

For further information on AMIS, please visit the Web site at: < <http://www.michaux.org> > .

#### **Sedges 2002: International Conference on Uses, Diversity, and Systematics of Cyperaceae, Delaware State University, 6–8 June 2002**

A three-day conference on the uses, diversity, and systematics of the sedge family (Cyperaceae) is planned for 6–8 June 2002 at Delaware State University. The sedges are a large, ecologically and economically important family found in many habitats and climates throughout the world. This conference is hosted by the Claude E. Phillips Herbarium of DSU and sponsored by the Natural Resources Conservation Service of the United States Department of Agriculture. The first day is devoted to programs by researchers on an array of subjects including systematics, weed ecology, horticulture, conservation, wetland restoration, and ethnobotany. On the second day, field



ment/supply vendors, literature, and people resources is also presented. Ant Course is a unique opportunity to acquire training that is unavailable elsewhere. This course will provide students with 1) the confidence and skills to identify the major ant genera of North America; 2) an understanding of modern specimen processing and curation techniques; 3) an appreciation for the biological diversity of ants, and 4) experience keying to the species level. Ant Course will be taught at the Southwestern Research Station in Portal, Arizona, which is centered amid the richest ant fauna in North America. For more information, including fellowships, fees, instructors, and application procedures, see our Web site at < [http://www.calacademy.org/research/entomology/Ant\\_Course/ant\\_course.html](http://www.calacademy.org/research/entomology/Ant_Course/ant_course.html) > . The deadline for applications is 1 April 2002.



### INFORMATION FROM THE NATIONAL COUNCIL FOR SCIENCE AND THE ENVIRONMENT

On Earth Day 2001, the National Council for Science and the Environment (NCSE) released a report entitled “Recommendations for Improving the Scientific Basis for Environmental Decision-making.” This report reflects the views of many of the nation’s leading environmental scientists and decision-makers calling for major changes in the relationship between science and environmental policy. The report emphasizes the need for “significant” investment in new approaches to science and for changes in governmental organization to address “serious voids” that impede efforts to acquire and translate scientific knowledge. The report, which offers specific recommendation for improving the scientific basis for environmental decision-making, is based on deliberations by more than 450 scientists, policymakers, and stakeholders from a broad range of disciplines, interests, and locales. The group was convened late last year as the first National Conference on Science, Policy, and the Environment. NCSE asked participants to assess the current state of environmental decision-making in the United States and to advise the incoming administration and the new Congress on needed improvement. The report addresses the environmental challenge now facing our society through a detailed set of recommendations compiled by 14 expert working groups that met during the conference.

The reports calls for a new interdisciplinary science of sustainability that integrates economic security, ecological integrity, and social equity. Underscored throughout the report is the contention that sound environmental decision-making is dependent on “an effective interface between scientists and policymakers and the reliable and timely translation of information and views between that two communities.” The report further emphasizes “the need for science-based education at every level of society if the general public and the elected public officials are to make informed, effective, and timely decisions.” The complete text of the report is available at < <http://www.cnie.org/2000conference/> > .

The 2nd National Conference on Science, Policy, and the Environment, sponsored by the National Council for Science and the Environment, will be held in Washington, DC, 6–7 December 2001. The theme is “Sustainable Communities: Science and Solutions.” For more information, see < <http://www.cnie.org/NCSEconference/2001conference/> > or contact David Blockstein < [david@ncseonline.org](mailto:david@ncseonline.org) > , 202 530-5810, extension 205.



### NEW BOOKS

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 < [ljdavenp@samford.edu](mailto:ljdavenp@samford.edu) > .

### BOOKS AVAILABLE FOR REVIEW, December 2001

*Biodiversity of Cyanoprocarayotes, Algae and Fungi of Israel: Soil Microfungi of Israel* by C. V. Subramanian and S. P. Wasser (eds.). 2001. 545 pp. ISBN 3-904144-76-6. DM 290 (hbk). Koeltz Scientific Books, PO Box 1360, D-61453 Koenigstein, Germany; < <http://www.koeltz.com> > .

*Biological Collections & Biodiversity* by B. S. Rushton, P. Hackney and C. R. Tyrie (eds.). 2001. 326 pp. ISBN 1-84103-005-8. £ 35 (hbk). Westbury Publishing, Ilkley Road, Otley, West Yorkshire LS21 3JP, England; e-mail: < [sales@smith-settle.co.uk](mailto:sales@smith-settle.co.uk) > .

*Brittonia 53(2): Papers from the Pteridophyte Biogeography Symposium, International Botanical Congress* by Robbin C. Moran (ed.). 2001. [Six treatments, each separate-paged.] ISSN 0007-196X. \$14. New York Botanical Garden Press, Bronx, NY 10458-5126.

*California Native Plant Society's Inventory of Rare and Endangered Plants of California* by David P. Tibor (ed.). 2001. 388 pp. ISBN 0-943460-40-9. \$29.95 (pbk). California Native Plant Society, 1722 J Street, Suite 17, Sacramento, CA 95814.

*Diatoms of Europe Volume 2: Navicula sensu stricto; 10 Genera Separated from Navicula sensu lato; [and] Frustulia* by H. Lange-Bertalot. 2001. 526 pp. ISBN 3-904144-78-2. DM 380 (hbk). Koeltz Scientific Books, PO Box 1360, D-61453 Koenigstein, Germany.

*A Dictionary of Plant Pathology, 2nd edition* by Paul Holiday. 1998. 536 pp. ISBN 0-521-59458-8. \$44.95 (pbk). Cambridge University Press, 40 West 20<sup>th</sup> Street, New York, NY 10011-4211.

*Flavonoids of the Sunflower Family* by Bruce A. Bohm and Tod F. Stuessy. 2001. 831 pp. ISBN 3-211-83479-6. DM 398. Springer-Verlag, Sachsenplatz 4-6, PO Box 89, A-1201 Wien, Austria.



ard. 2001. 188 pp. ISBN 0-87071-530-5. \$19.95 (pbk). Oregon State University Press, 101 Waldo Hall, Corvallis, OR 97331-6407.

*World Geographical Scheme for Recording Plant Distributions, 2nd Edition* by R. K. Brummitt. 2001. 137 pp. ISBN 0-913196-72-X. \$10 (pbk). Hunt Institute for Botanical Documentation, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890.

### BOOK NOTICES, NO COPIES AVAILABLE FOR REVIEW

*Flora of Maharashtra* by M.R. ALMEIDA. Vol. I (1996) Price : Rs. 1000/\$125. 600 pp.; species 614 from 62 families; 143 plates and 100 pages of past botanical history and vegetation of Maharashtra (Ranunculaceae to Staphyleaceae) Vol II (1998) Price : Rs. 1200/\$ 150. 459 pp.; species 850 from 35 families; 245 figures and 47 colour plates (Fabaceae to Caprifoliaceae) Vol. III A & IIIB (2001) Price (both Vol.) Rs.1500/\$ 225. Vol III A — 300 pp.; 1,087 species from 39 families (Rubiaceae - Ethretiaceae) 143 figures and 10 colour plates; 2 sp. Nov.; 5 nom. nov.; 64 comb. Nov. Vol. III B — pages 267 pp.; 373 species from 10 families (Cuscutaceae to Martyniaceae); 137 figures and 10 colour plates; 3 sp. Nov.; 3 nom. nov. 28 comb. Nov. Price for all three volumes in Indian Rs. (in India only) Rs. 3500, excluding postage. Add Rs.500/- for ordinary post. Price (other than India) all three Vol. \$500, including the postage for surface mail. Place your orders with : Dr. S.M. Almeida, Director, Blatter Herbarium, St. Xavier's College, Mumbai 400 001, India. Tel. 0091-22-2620661 ext.345 or email: <shinde\_r@vsnl.com> .



### NEW WEB SITES

There are many links on other Web sites (start with <http://www.csd.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.

The first installment of **the Catalog of Vascular Plant Species of Eastern Brazil** is now available at < <http://www.nybg.org/bsci/hcol/sebc> > . When completed, this Web site will contain information from all specimens of vascular plant species collected in eastern Brazil and housed in the New York Botanical Garden Herbarium. Information can be obtained by searching the database directly or by selecting from a checklist of families. The database currently contains specimens only for the 90 families on the checklist. Additional families will be added as completed. Creation of this catalog is funded in part by the National Science Foundation (Jacquelyn Kallunki, P.I., and Anthony Kirchgessner, Co-P.I.) and by the

Andrew W. Mellon Foundation.

**The Biological Sciences Herbarium at California State University, Chico (CHSC)** announces that the database of label information for 17,000 of its 82,000 plant specimens is now queryable via our Web site. Databasing is actively proceeding thanks to a grant from NSF and the Web site will be updated every two to four weeks to make more data available for query. For now, queries are based only on species name; other query parameters will be added later (and can be performed by request in the herbarium now). A list of plant families and other groups that have been completely databased, plus those in progress, is available on the Web site. The database is available at < <http://www.csuchico.edu/biol/Herb/database.html> > . Please send comments to: Lawrence Janeway, Curator < [LJaneway@csuchico.edu](mailto:LJaneway@csuchico.edu) > .

A new guide to **Economic Botany Links** is available at < <http://www.rbgekew.org.uk/scihort/eblinks/> > . It is designed to answer some of the queries received at RBG Kew about useful and poisonous plants, and to act as a resource for the wider ethnobotanical community, particularly students. Please try it and let me know if you have any suggestions for improvements. Mark Nesbitt < [m.nesbitt@RBGKEW.ORG.UK](mailto:m.nesbitt@RBGKEW.ORG.UK) > .

An on-line version of the **Nevada Rare Plant Atlas** is now linked from the Nevada Natural Heritage Program site at < <http://www.state.nv.us/nvnhp/> > or directly at < <http://www.state.nv.us/nvnhp/atlas/atlas.html> > . Major funding was provided by the U.S. Fish and Wildlife Service. The atlas provides Nevada distribution maps and fact sheets for 249 of the 297 plants and lichens currently on the Sensitive and Watch lists of NNHP, with more to be added or revised as future time and funding permit. The fact sheets include information on conservation and population status, known threats and impacts, inventory effort, land management, geographic range, habitat and elevations, phenology, life form and habit, and descriptive and biological characteristics. Sources of photographs and drawings are also cited or linked when known, and additional literature citations are provided for further information on each taxon.

Dictionaries for rough, computerized translation of French and German botanical texts into English are available through **the Colorado State University Herbarium** at < <http://harrington.biology.colostate.edu/herbarium/translation.htm> > . The dictionaries are primarily based on Artschwager and Smiley's (1925) Dictionary of Botanical Equivalents. The dictionaries are used by the "Power Translator" program, which will need to be purchased separately. For further information, contact Mark Simmons at < [psimmons@lamar.colostate.edu](mailto:psimmons@lamar.colostate.edu) > .

**The USDA National Agricultural Library (NAL)**, Beltsville, Maryland, USA, has made available on the Internet Volumes 1–26 (1787–1807) of Curtis' The Botanical Magazine. Plates 797 and 860 are missing because the NAL set does not have them. The Web address is < <http://www.nal.usda.gov/curtis/> > . There is a search engine for the following data: plate number, common

