

(1999), William T. Stearn (2000), Robert Thorne (2001), and Nathalie Uhl (2002). ASPT members are encouraged to submit nominations for the 2003 Asa Gray Award, which will be presented at the 2003 Annual Meeting in Mobile, Alabama. The nomination materials should include a letter of nomination, a fairly complete *curriculum vitae* for the nominee, and three or more supporting letters from others familiar with the nominee and his or her career. All nomination materials should be sent to: Kathleen Pryer, Department of Biology, Duke University, Durham, NC 27708-0338. Deadline for receipt of all materials is 4 April 2003.

Call for Nominations for the 2003 Peter Raven Award

The Peter Raven Award is given by the American Society of Plant Taxonomists to a plant systematist who has made exceptional efforts at outreach to nonscientists. Examples of outreach may include, but are not limited to, 1) workshops or seminars for K-12 teachers, local horticultural societies, garden clubs, and schools or businesses; 2) special events for the general public, e.g., nature hikes, wildflower workshops; 3) newspaper columns or op-ed articles; 4) freelance articles in newspapers, on the World Wide Web, and in horticultural or popular science magazines; 5) taxon-oriented Web sites or books that are aimed at a lay audience; 6) TV spots; 7) legislative testimony; and 8) legal defense of rare or endangered plant species. The award is intended to be international in scope. All persons, from any country, who have made significant contributions in this area, may be considered. The first recipient of the award was Peter Raven in August 2000. Subsequent recipients were Richard C. Harris (2001) and Charles B. Heiser, Jr. (2002). ASPT members are encouraged to submit nominations for the 2003 Peter Raven Award, which will be presented at the 2003 Annual Meeting in Mobile, Alabama. The nomination materials should include a letter of nomination, a fairly complete *curriculum vitae* for the nominee (emphasizing the outreach areas), and three or more supporting letters from others familiar with the nominee and his or her career. Nomination materials should be sent to: Kathleen Pryer, Department of Biology, Duke University, Durham, NC 27708-0338. Deadline for receipt of all materials is 4 April 2003.

Call for ASPT 2003 Graduate Research Grant Applications

The ASPT is pleased to announce the society's annual competition for research grants for graduate student investigators. Support is available for students (both Master's and doctoral levels) conducting fieldwork, herbarium travel, and/or laboratory research in any area of plant systematics. No grant will exceed \$1000; it is unlikely that proposals from previous recipients will be funded. Proposals will be funded on the basis of merit, regardless of the research area within systematics (e.g., if all of the best proposals emphasize fieldwork, grants will be made only in that area). Proposals will be reviewed by the society's Awards and Honors Committee and must include: 1) *curriculum vitae*; 2) proposal (the text of which should not exceed two single-spaced, typed pages) describing the research to be conducted and emphasizing the role the grant funds would play; 3) itemized budget;

4) two letters of recommendation, one of them from the major professor. Eligibility: Applicants must be members of the ASPT at the time of the application deadline. Details regarding ASPT membership can be found at the ASPT homepage. For guidance in proposal preparation and previous grants, see "Graduate Research Grants" at the ASPT homepage < <http://www.sysbot.org/grant2.htm> >. IMPORTANT: Submit three (3) copies of all items in the proposal (including letters of recommendation) to: Kathleen Pryer, Department of Biology, Duke University, Durham, NC 27708-0338. Deadline for receipt of all materials is 4 March 2003.

PEOPLE

A paper by **M. Patrick Griffith**, a graduate student at the Rancho Santa Ana Botanic Garden, Claremont, California, was selected the "Best Oral Presentation" at the 4th Young Systematist's Forum, hosted by The Natural History Museum, London, England, on 5 December 2002. Mr. Griffith's paper was entitled "Opuntoid Cactus Evolution: The DNA Evidence." The meeting was attended by researchers in the area of systematic biology, including zoology, bacteriology, and botany.

Sherwin Carlquist was awarded the 2002 Linnean Medal for Botany by the Linnean Society of London < <http://www.linnean.org/index.htm> >, their highest honor. The citation noted that Dr. Carlquist is "...preeminent as a plant biogeographer and island biologist, and the leading living authority on wood anatomy.... When viewed as part or as a whole, Dr. Carlquist's career is one of magnificent achievements in terms of his innumerable intellectual contributions to biology and in shaping the thinking of generations of biologists." Dr. Carlquist received the Asa Gray award from ASPT in 1993.

The Botanical Research Institute of Texas < <http://www.brit.org/> > (BRIT) will be presenting its Ninth International Award of Excellence in Conservation to **David Bramwell** at a ceremony on 9 April 2003. Dr. Bramwell is Director of the Jardín Botánico Viera y Clavijo < <http://www.step.es/jardcan/> > on Gran Canaria. He is an authority on plants of the Canary Islands and island plants in general, and is one of the founders of the Gran Canaria Group, which carried forward the initiative to prepare the Global Strategy for Plant Conservation on behalf of the Biodiversity Convention Secretariat. He is also a member of the World Conservation Union's Plant Conservation Committee. For more information about the award, see < <http://www.brit.org/medal/index.htm> > .

Andrew L. Hipp, a student of Professor Paul E. Berry at the University of Wisconsin, Madison, is the recipient of the 2002 Lawrence Memorial Award, presented by the Hunt Institute for Botanical Documentation < <http://huntbot.andrew.cmu.edu/> >. For his dissertation research, Mr. Hipp has undertaken a phylogenetic and taxonomic study of *Carex* section *Ovales*, and the proceeds of the award will support his field studies of the *Carex microptera* complex. The Lawrence Memorial Award commemorates the life and achievements of Dr.

didate will work with partner natural resource organizations to identify valuable biological datasets, facilitate the production of metadata, and catalog these resources. The candidate would also support remote sensing projects involving the fusion of LIDAR and high-resolution multi-spectral satellite imagery and the collection of supporting field verification data. Minimum qualifications for this position are: 1) graduation from an accredited college or university with a Ph.D. in computational ecology or computational biology and at least two years of geo-spatial and/or database programming experience. Hands-on experience with ArcView, ArcInfo, ArcGIS, and/or ERDAS is required. For information about HARC, a 501(c)(3) applied research institution, see < <http://www.harc.edu> > . To apply, please send résumé and salary expectations to: HARC Human Resources Code: compeco, 4800 Research Forest Dr. The Woodlands TX 77381. Preferred contact method is e-mail < lburchfield@harc.edu > . Fax: 281-363-7935. No phone calls, please. All positions require candidate to be eligible for employment in the United States. [Posted 4 December 2002]

Botanical Project Manager, Gaoligongshan Project, California Academy of Sciences: The Botany Department of the California Academy of Sciences is recruiting a project manager for the botanical (vascular plant) component of the Biodiversity of the Gaoligongshan Project of Yunnan Province, China, beginning 1 April 2003 and ending 31 March 2007. The successful candidate will coordinate eight botanical expeditions, including tracking each expedition's budget and arranging visits to the U.S. by Chinese researchers/project participants. He/she will be responsible for obtaining determinations for vascular plants collected on expeditions, which will involve soliciting assistance from experts in the U.S., China, and elsewhere as well as undertaking determinations by using the herbarium resources at the California Academy of Sciences, the Kunming Institute of Botany, and possibly other herbaria in China and elsewhere as needed. He/she will also lead the development of a Web-accessible "Flora of the Gaoligongshan Region," including interactive species keys and species entries that are linked to a geo-referenced database of specimen information and images. Assigned responsibilities require advanced botanical knowledge in systematics and taxonomy. It is expected that the project manager will spend approximately three months outside the U.S. each year for field and herbarium work. Applicants must have a Master's degree or Ph.D. in botany. Additionally, fluency in Chinese/English and knowledge of the botany of East Asia is desired. To be considered for this position applicants are required to submit a cover letter, *curriculum vitae*, and contact information of three professional references. Applicants are encouraged to visit our Web site: < <http://calacademy.snaphire.com/> > to view the full job posting and to register/submit their CV on-line. Additionally, application materials may be sent to < dhudson@calacademy.org > or by mail to California Academy of Sciences, Attn: HR Dept. #PMB1102, Golden Gate Park, San Francisco, CA 94118. Deadline is 31 January 2003. [Posted 19 November 2002]

Field Botanist/Biologist, California State University: Full-time temporary position (one or more positions available) through the Endangered Species Recovery Program at California State University, Stanislaus Founda-

tion. Salary: \$2,100 to \$2,600 per month (including full benefits package). Open until filled. The successful candidate will assist with habitat restoration research on retired farmland in the San Joaquin Valley of California; participate in ecological studies of threatened and endangered plants; collect and perform data entry on rare plants and associated vegetation, conduct field surveys, stake and map plots; and participate in inventory, research, and monitoring activities of animal species and their habitats in the San Joaquin Valley. The field botanist/biologist will also work with the farm consultants during field planting and other project work and with local nurserymen for the propagation of native plugs for planting on the sites. Requires a B.A./B.S. in the biological sciences or a closely related field such as range management with a strong background in plant ecology, restoration ecology, or equivalent work experience. A year of experience in biological field research is required. A complete position description and instructions for submitting an application can be found on the Endangered Species Recovery Program Web site: < <http://arnica.csustan.edu/esrpp/esrpp.htm> > . [Posted 6 November 2002]

Molecular Systematics, Middle Tennessee State University: Middle Tennessee State University invites applications for five tenure-track positions in biology. Research responsibilities include directing undergraduate and graduate students and pursuit of extramural funding. Teaching responsibilities may include genetics, introductory biology, and a course in the candidate's area of expertise. The successful candidate will use modern molecular techniques to investigate phylogeny, systematics, and evolution; organismic specialty open. Rank is open for all positions, commensurate with experience, and the doctorate is required by the August 2003 start date. Post-doctoral experience is preferred. Application reviews begin 11 November 2002. Send application letter referencing position number (103500), *curriculum vitae*, statements of teaching philosophy/research interests, proof of employment eligibility, copies of transcripts, and three letters of reference to the committee chairs listed below. Official transcripts (not issued to student) of all college work will be required prior to interview. Information on Middle Tennessee State University can be found at < <http://www.mtsu.edu> > . Dr. Jeffrey Walck, Committee Chair, Box 60, MTSU, Murfreesboro, TN 37132. Additional information: e-mail < jwalck@mtsu.edu > . [Posted 24 October 2002]

Faculty Positions in Plant Developmental Biology and Genomics, University of Minnesota, Twin Cities: The Department of Plant Biology seeks broadly trained individuals for two to three faculty positions in plant development and genomics. The department is accepting applications for tenure-track positions at the level of Assistant Professor, and will also consider outstanding senior scientists at the Associate/Full Professor level. Candidates' research should investigate mechanisms of development or address questions in genome structure, function, or evolution. Applications are especially encouraged from individuals whose research emphasizes evolutionary approaches to understanding development or comparative genomics. Successful candidates will be expected to develop a strong, externally funded research program, contribute to the teaching programs of the Department, and participate in professional service. Qualifications include a Ph.D. or international equivalent

FELLOWSHIPS, INTERNSHIPS, POST-DOCS

Nearly all announcements have been edited to conserve space, be sure to obtain complete descriptions before applying. Please see notice at top of "Job Opportunities."

Elizabeth E. Bascom Fellowships in Botany for Latin American Women: The Missouri Botanical Garden announces the fourth annual competition for the Elizabeth E. Bascom Fellowships in botany for Latin American women. The fellowship will cover the cost of a round-trip air ticket to St. Louis, lodging in the Garden apartment, and a small stipend for food and miscellaneous expenses in St. Louis for a period of one to six months. The competition is open to young Latin American women who work in the field of botany or are botanists at universities or other governmental or non-governmental scientific institutions in Mexico, Central America, and South America. Applicants must have an undergraduate degree from a university. The fields of investigation are limited to systematic botany, ecology, or conservation. Deadline is 1 July 2003. All interested applicants should obtain a list of application materials from Alina Freire-Fierro, P.O. Box 299, St. Louis, MO 63166-0299, USA. Voice: 314-577-9535; fax: 314-577-0830; e-mail <alina.freire@mobot.org>; Web page <<http://www.mobot.org/MOBOT/Research/bascomengl.shtml>>. [Posted 30 December 2002]

Post-doctoral Position, Cincinnati Zoo and Botanical Garden: Post-doctoral position available in the Plant Research Division of CREW (Center for Conservation and Research of Endangered Wildlife) at the Cincinnati Zoo and Botanical Garden. Duties will include developing aspects of our Local Flora Project, including compiling and analyzing data from historical and current local flora records, working collaboratively with other botanists in the Cincinnati area, developing computer mapping of local flora, and developing a taxonomic-based research project on local or other flora. In addition, the successful candidate will be expected to maintain the small (< 1,000 specimens) CREW herbarium and help maintain records on the liquid nitrogen storage collection. Requirements include expertise in the taxonomy of vascular plants and/or bryophytes, a strong interest in conservation, a strong research background, including statistical skills, good organization skills, experience with computer databases, and an interest in working with a variety of people (professional staff, students, and volunteers). The position is available for up to two years, with an annual salary of \$25,000. Further information can be obtained from Dr. Valerie Pence (see following). See our Web site at <<http://cincyzoo.org/>>. Applicants should send a letter indicating interest with *curriculum vitae* and three references to Dr. Valerie C. Pence, Director of Plant Research, CREW, Cincinnati Zoo and Botanical Garden, 3400 Vine Street, Cincinnati, OH 45220. Fax: 513/569-8213; e-mail <valerie.pence@cincinnati-zoo.org>. Applications should be received by 17 January 2003. [Posted 11 December 2002]

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 2003, Rio Grande and San Juan National Forests (3,000 mi²; parts of Archuleta, Conejos, Hinsdale, La Plata, Mineral, Rio Grande, Saguache, and San Juan cos.; Weminuche and La Garita Wilderness; south-central CO) will fund two summers of fieldwork, provide housing and space for the processing of specimens. Likewise, funding is available for inventory on Buffalo Gap/Oglala National Grasslands and vicinity (1,500 mi²; parts of Custer, Fall River, Jackson, and Pennington cos., SD and Dawes and Sioux cos., NE, respectively) and Arapaho National Forest (3,000 mi²; parts of Clear Creek, Gilpin, Grand, Park, and Summit cos.; Byers Peak, Indian Peaks, Mount Evans, Never Summer, Ptarmigan Peak, and Vasquez Peak Wilderness). 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>; voice: 307 766-2236; fax: 307 766-2851. Deadline for graduate applications, 1 February 2003. [Posted 11 December 2002]

Postdoctoral Position in Evolutionary Biology at Duke University: A postdoctoral position is available to study phylogenetic relationships among living and fossil aquatic heterosporous ferns (Marsileaceae and Salviniaceae). This position will focus on developing a comprehensive phylogeny for the group, including living and fossil members, incorporating data from multiple genes, morphology, and developmental studies for the living taxa, and integrating morphological data from fossil taxa. Expected duration of the position is two years. Applicants must have a Ph.D. in evolutionary biology or related field. Desired qualifications would include experience in basic PCR-based molecular genetic methods, phylogenetic methodology, and phylogeography. Exceptional candidates with expertise in statistics and computer programming and evolutionary biologists experienced in rigorous data analysis issues are encouraged to apply. Review of applications is ongoing and will continue until a candidate is selected. To apply, please send letter of interest, CV, and contact info (including e-mail address) of three references to: Kathleen M. Pryer, Department of Biology, Duke University, Durham, North Carolina, 27708. Office phone: 919-660-7380; fax: 919-660-7293; e-mail: <pryer@duke.edu>. The department's Web page is at <<http://www.biology.duke.edu>>. [Revised 20 December 2002]



INSTITUTIONS

Chicago Botanic Garden Acquires Historical Library

The Chicago Botanic Garden has acquired thousands of rare books and journals from the Massachusetts Horticultural Society, Boston, including first editions of Darwin's

United States. Fellowships are intended for individuals in the early stages of their graduate study. In most cases, an individual has three opportunities to apply: prior to or during the senior year of college, the first year of graduate school, and the beginning of the second year of graduate school. Any appropriate, accredited nonprofit U.S. institution or appropriate international institution of higher education offering advanced degrees in science, mathematics, or engineering. New fellowships to be offered in March 2003 will be for maximum tenure periods of three years usable over a five-year period. Frequency of awards: Annually. Awards made: Approximately 900 new three-year fellowships. Deadline(s): 7 November 2002. Benefits: \$21,500 stipend, for 12-month tenures, and a cost-of-education allowance of \$10,500 per tenure year. A \$1,000 International Research Travel Allowance is also available under conditions specified in the Guidelines for Submission of Applications. Funding source: National Science Foundation. Contact: NSF Graduate Research Fellowship Program, Oak Ridge Associated Universities, P.O. Box 3010, Oak Ridge, Tennessee 37831-3010. Phone: 866-353-0905 (toll-free number); fax: 865-241-4513; e-mail: < nsfgrfp@orau.gov > ; < http://www.orau.org/nsf/nsffel.htm > .

2003 Lawrence Memorial Award: The Award Committee of the Lawrence Memorial Fund invites nominations for the 2003 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 2003 and should be directed to: Dr. R. W. Kiger, Hunt Institute, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890 USA. Telephone: 412-268-2434.

Franklin Research Grants, American Philosophical Society: All information and forms for all of the Society's programs can be downloaded from our Web site, < http://www.amphilsoc.org > . Click on "Grants" on the home-page. Grants are made for research only. The Society makes no grants for academic study or classroom presentation; for travel to conferences or workshops; for nonscholarly projects; for assistance with publication or translation. Eligibility: Applicants may be residents of the United States or American citizens resident abroad. Foreign nationals whose research can only be carried out in the United States are eligible. Grants are made to individuals; institutions are not eligible to apply. Specific

requirements are given under each listing. Application forms: If forms cannot be downloaded from the Web site, they may be requested by e-mail as Word documents or by mail. Be sure to include: 1) indication of eligibility for the program, 2) nature of the research (e.g., archival, laboratory, fieldwork, etc.), and 3) proposed use of the funds (travel, purchase of microfilm, etc.) Foreign nationals must state the objects of their research, available ONLY in the United States. Questions concerning the eligibility of a project, or the use of funds are accepted at 215-440-3429. Address: Committee on Research, American Philosophical Society, 104 South 5th Street, Philadelphia, PA 19106. The e-mail address for grants inquiries is: < eroach@amphilsoc.org > ; include a postal address.



SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2003 Smithsonian Botanical Symposium, 28–29 March 2003, Washington, DC

The topic of this year's symposium is "Botanical Frontiers in Southeast Asia: from the Discovery of the Earliest Flowering Plants to the Sequencing of the Rice Genome." Over the last decade significant new biodiversity discoveries and advances in the plant sciences have been made in the tropical areas of Southeast Asia through the collaborative efforts of local and foreign scientists. This symposium will explore the numerous new developments in our knowledge of plant diversity in Southeast Asia by bringing together botanists from around the world for discussion and exchange. Topics will include recent fossil discoveries of the earliest angiosperms, ethnobotanical surveys, systematics and floristics, forest structure, conservation, and breakthroughs in genome technology. For additional information, see < http://persoon.si.edu/sbs/ > .

Monocots III, 31 March–5 April 2003, Claremont, California (See ASPT Newsletter 16(1), July 2002.)

First International Conference of Neotropical Orchidology in Costa Rica, 21–24 May 2003

In order to stress the importance of public awareness about the global themes related to orchid conservation, the Jardín Botánico Lankester of Universidad de Costa Rica is organizing the First International Conference of Neotropical Orchidology and the Third meeting of the Regional Mesoamerican Orchid Specialist Group, UICN/SSC to be held in San José at Ciudad de la Investigación of Universidad de Costa Rica, from 21–24 May 2003. The main thematic areas of the conference will be Global Perspectives in Conservation, Advances in Orchid Phylogeny, Population Genetics, Data and Information Management, and Pollination Biology. The conference is sponsored by Charles Lankester Foundation. If you are interested in participating in the conference or to get more information, please send an e-mail to the following e-mail address: < jbl@cariari.ucr.ac.cr > or call the Organizing Committee at the following telephone: (506)

