

to send the complete address to the business office along with your payment (you may also do this on-line at the web site: just fill in the membership form, and in the comments box, add a note to office manager Linda Brown indicating what you wish to do).

If your choice of institution has been receiving the journal for free, it will help ASPT a great deal if you will pick up the costs of doing so by sponsoring the journal for them. Again, we would ask only that you pay an additional membership rate (only \$53). To do this, you will need to communicate with the business office whether by mail or on-line to let Linda Brown know what you wish to do. In this case, we already have the address and so you need only to identify the institution unambiguously. On-line, this means filling in a couple of key lines on the membership form — name and country: put in enough to make clear which institution you are seeking to sponsor. Again, add a note in the comment box to office manager Linda Brown indicating what you wish to do.

Feel free to contact me if you have questions. Thanks for your help! — Lucinda McDade, President, ASPT
< mcdade@acnatsci.org > ; 215 405-5087.

2004 ASPT Annual Meeting

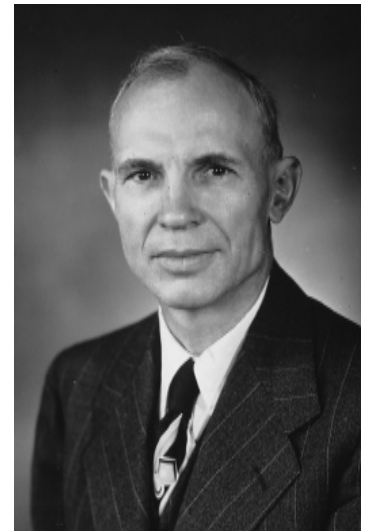
The 2004 ASPT Annual Meeting will be held in conjunction with “Botany 2004”, 31 July–5 August 2004 in Snowbird, Utah. For more information, see < <http://www.botany2004.org> > . The general theme of the meeting is “Alpine Diversity: Adapted to the Peak.”

IN MEMORIAM

K.M. Matthew, 1930–2004. We received word that K. M. Matthew died suddenly of a heart attack on 16 April 2004; he was a Corresponding Member of ASPT. Christiane Anderson relates that Dr. Matthew “was an expert in Cornaceae and the floristics of southern India. He was incredibly active and productive, and a great advocate activist for/in conservation efforts. He was also a very kind man with a wonderful sense of humor.” A full obituary will be published in the next issue of the ASPT Newsletter. Also, a profile of Dr. Matthew was published in the January–March issue (No. 35) of *Plant Talk*, and an obituary appeared in the May issue (No. 36). See < <http://www.plant-talk.org/> > .

Wayne E. Manning, 1899–2004. Botany Professor Emeritus Wayne E. Manning passed away on Sunday, February 8, 2004 at the age of 104. Born on April 12, 1899 in Toledo, OH, Wayne moved with his family at the age of 8 to Ambridge, PA, along the Ohio River. During his Ambridge years, he enjoyed roaming the nearby woodlands to study birds, moths, and mushrooms. When Wayne was 14, he and four others formed a “Nature Club”—remarkably, all four went on to receive their Ph.D.s. At the age of 17, Wayne entered Oberlin Col-

lege starting out in chemistry but later changing to ecology. During the summer of 1920, Wayne completed requirements for his graduation with an Oberlin ecology trip that traveled across the USA; see photos and details at < <http://www.departments.bucknell.edu/biology/manning/index.html> > . Sixteen students, Professor Jones, and Professor Jones’ botanist brother drove from Oberlin to the Pacific in four Model T Fords and one truck. One of the students on this trip was Margaret “Peg” Sheldon, who Wayne married on June 11, 1924 (Peg passed away in 1995 at the age of 98). Curiously, Wayne never took a botany course at Oberlin; rather it was the experiences of this western trip that led Wayne to study botany.



In 1921, Wayne began his graduate work in botany at Cornell University. Wayne completed his Ph.D. on the floral anatomy of the walnut and hickory family in 1926 and after serving as an instructor in botany at Cornell for one year, he joined the faculty of the University of Illinois, Urbana for the 1927–28 academic year. A son, Alan (who survives), was born on August 12, 1928 as Wayne and Peg moved to Smith College. Wayne remained at Smith for 14 years, having been promoted to Associate Professor of Botany in 1936. During WW II, he worked in a defense plant as a machine operator and later as a materials order person; but throughout the war, Wayne found time to teach basic mathematics to women machinists.

Wayne began his 23-year Bucknell career in 1945. He was known as the professor who took students “under his wings” and guided many to careers in the sciences and health professions. Until Wayne’s retirement in 1968, he developed the university’s living plant collection of over 400 species, which originally grew in the Botany Building greenhouse and which now crowns the Biology Building < <http://www.departments.bucknell.edu/biology/facilities/greenhouse.html> > . Throughout his retirement, Wayne guided visitors through the greenhouse. Wayne and his students also developed the university’s preserved plant collection of over 22,000 specimens known today as the Wayne E. Manning Herbarium. With Wayne’s financial support of a second generation of students, this collection is now on-line and is searchable at < <http://www.departments.bucknell.edu/biology/facilities/herbarium/> > .

Wayne was one of the Bucknell faculty members whose example became our “Teacher-Scholar” model. A beloved teacher, Wayne’s ability to share his love of botany inspired a generation of students. An internationally rec-

ognized scholar, his research and over 40 publications on the walnut and hickory family remain as seminal works on the anatomy and taxonomy of this family. Wayne's contributions to botany were honored when a walnut species was named for him—*Alfarao manningii*. As an enduring legacy of their love of students and botany, Wayne and Peg established the Wayne and Margaret Manning Internship in Botanical Sciences in 1992. This bequest nurtures student research in botany and will do so for generations to come. In lieu of flowers, a donation may be made to the Wayne and Margaret Manning Internship in the Botanical Sciences (check payable to “Bucknell University” sent to Mr. Mark Elliott, Director of Planned Giving, Cooley Hall, Bucknell University, Lewisburg, PA 17837), to Beaver Memorial United Methodist Church, 40 Third St., Lewisburg, or to a charity of your choice.—Warren G. Abrahamson, Bucknell University

PEOPLE

Elizabeth Anne Zimmer (National Museum of Natural History, Smithsonian Institution) is one of 46 artists, scientists, and other scholars honored with yearlong fellowships at the Radcliffe Institute for Advanced Study. While at Radcliffe, the fellows—among them 8 creative artists, 14 humanists, 12 social scientists, and 11 scientists—will work individually and across disciplines on projects chosen for both quality and long-term impact. Together, the fellows' distinguished academic, professional, and creative endeavors are the center of a scholarly community that was established when Radcliffe College merged with Harvard University to form the Radcliffe Institute for Advanced Study. Following their arrival in September, Radcliffe Institute fellows will receive office space and access to libraries and other scholarly resources at Harvard. In addition to attracting and sponsoring leading academic researchers, the Radcliffe Institute is unique among the nation's other centers for advanced studies in that it also hosts artists, musicians, fiction writers, and professionals. The topic of Dr. Zimmer's project is “Exploring Evolutionary Experiments in Floral Form.”

The New York Botanical Garden is pleased to announce that **Karen Redden**, currently a graduate student in the Department of Biological Sciences, George Washington University, Washington, D.C., is the recipient of the Rupert Barneby Award for the year 2004. Ms. Redden will be studying the systematics of a diverse group of legumes centered around *Dicymbe*, *Paloue*, *Paloveopsis*, *Heterostemon*, and *Elizabetha* that are concentrated in the Guiana Shield area. See “Funding and Award Opportunities” for information about the 2005 Rupert Barneby Award.

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.

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

Manager of Conservation Programs, Center for Plant Conservation (CPC): Partners closely with CPC's network of over 30 institutions on programs and projects, as well as with federal and state agency managers and the academic community. Coordinates the process of deriving and setting standards and protocols for best conservation practices for CPC, as well as implementation of a quality assessment and certification program, monitors the quality of the endangered plant collections, manages CPC's extensive database and literature collection, writes and administers grants, and develops meetings and training workshops. Supervises staff, interns and volunteers. A Ph.D. in botany/ecology with experience in plant conservation implementation is strongly preferred. A master's degree with extensive experience may also be successful. Three year's experience in implementing plant conservation activities or plant conservation management and/or research required. Experience in working with federal and state agencies and NGO's and knowledge of the plant conservation community highly desired. Excellent oral and written communication skills; strong computer and database management skills, and willingness to do a moderate amount of travel are a must. Apply to the Human Resources Department at the Missouri Botanical Garden. CPC staff receive the benefits of employees of the Missouri Botanical Garden. Applications are accepted on-line at <<http://www.mobot.org/jobs/positions.asp>> or mail applications to: Human Resource Management, Missouri Botanical Garden, 2345 Tower Grove Avenue, St. Louis, MO 63110. For more information about the center, see <<http://www.centerforplantconservation.org/>>. [Posted 12 July 2004]

Directorate for Biological Sciences, Office of the Assistant Director, National Science Foundation: The Directorate for Biological Sciences (BIO) announces a nationwide search to fill the position of Deputy Director, Division of Environmental Biology (DEB). The Deputy Division Director works closely with the Division Director in overseeing and carrying out the day-to-day operations and management of the division. They work together as a team providing strong advocacy for program activities within the context of BIO long-range plans and

NSF's strategic plan and managing resources effectively to nurture new and emerging science opportunities as well as ongoing efforts. In the absence of the Division Director, the deputy must be prepared to assume this role. The Division of Environmental Biology (DEB) is responsible for programs with a total annual budget of approximately \$108 million. These programs are currently identified by four clusters—ecosystem science which supports investigations of whole-system ecological processes and relationships in ecosystems across a diversity of spatial and temporal scales; ecological biology which supports studies of community ecology and population interactions that reveal causal mechanisms and patterns for a wide range of habitats and taxa; population and evolutionary processes which supports studies of population properties that lead to variation within and among populations; and systematic biology and biodiversity inventories which supports general science of systematics, including the inventory of global species diversity and studies of predictive classification systems that reflect the history of life. Deputy Division Directors in the BIO Directorate come to their positions with an established record of scientific research and demonstrated leadership experience. Deputy Division Directors must work well with people, be effective communicators, and act as mentors to continuously develop the diversity of talents and skills of their colleagues, especially those representing underrepresented minority groups and persons with disabilities. This position is a career appointment in the Federal Senior Executive Service. You may access the position announcement that includes information on application procedures at < <http://www.nsf.gov/pubs/2004/s20040091/s20040091ac.pdf> > . General inquires should be directed to: Dr. Michael R. Willig, Division of Environmental Biology, Voice: 703 292-8480; fax: 703 292-9064; e-mail < mwillig@nsf.gov > . Applications may be transmitted electronically to: e-mail < execsrch@nsf.gov > or mailed to: National Science Foundation, Executive Personnel and Development Branch, Division of Human Resource Management, 4201 Wilson Boulevard, Room 315, Arlington, VA 22230. The Executive Personnel and Development Branch may be reached by telephone at 703 292-8755. The deadline for receipt of applications is 23 July 2004. [Posted 10 July 2004]

Assistant (Botanist) Researcher, Jepson Herbarium, University of California, Berkeley: UC Berkeley's Jepson Herbarium seeks a qualified botanist to conduct studies on phylogenetic relationships and evolutionary questions in the true thistles (*Cirsium*). *Cirsium* species limits and relationships are among the least understood of any plant genus in North America. This study will result in a better understanding of relationships between species within the thistles. It will also assist in the identification of natural groupings within the genus to replace the current, outdated, unnatural classification. The Jepson Herbarium received funding from the National Science Foundation for the second phase of this research project. Primary responsibilities of the position include sampling true thistles from natural populations; conducting DNA extraction, PCR, cloning, and sequencing of chloroplast, nuclear rDNA, and low-copy nuclear gene regions (including designing of PCR and sequencing primers);

performing phylogenetic and other systematic analyses; serving as lead on preparation of manuscripts on the findings for publication in scientific journals; and presenting the results of the research at national scientific meetings. The research will have the broader impact of enriching undergraduate education at UC, Berkeley. The successful candidate will enlist several undergraduate students to participate in the laboratory research. In addition, the project will also involve at-risk, ethnically diverse high school students in growing research plants, thereby introducing them to biological research at UC. The successful candidate will work in collaboration with the Curator of the Jepson Herbarium, Dr. Bruce Baldwin, and must be capable of exercising a high degree of independence in all phases of the work. Salary: \$53,900. For further information on the University/Jepson Herbaria at the University of California, Berkeley, please see their Web site < <http://ucjeps.berkeley.edu/> > . Qualifications required: Ph.D. in botany with at least two years' experience with botanical research involving use of DNA sequencing. Extensive research experience in molecular and morphological systematics. Detailed knowledge of *Cirsium* diversity is essential. Research experience with *Cirsium* systematics preferred. The research project has been funded for 07/01/04 through 01/31/06. Applications should include a CV, publications list, an indication of relevant experience in botany and systematics. Application deadline is 16 July 2004. Send application to Dr. Bruce Baldwin, Jepson Herbaria, University of California, Berkeley, 1001 VLSB, #2465, Berkeley, Ca 04720-2465. Administrative contact is Jeanne G. Kassis; phone (510) 642-6976, e-mail < kassj@berkeley.edu > . The University of California is an equal opportunity/affirmative action employer. [Posted 15 June 2004]

Plant Biologist/Lecturer, Chicago Botanic Garden and Northwestern University: The Chicago Botanic Garden and the Judd A. and Marjorie Weinberg College of Arts and Sciences at Northwestern University seek to hire a plant biologist to fill a joint nontenure-track position for a renewable two-year term. The person holding this joint position will have half-time duties as a member of the continuing lecturer faculty in the Weinberg College, teaching one plant science/botany course in each quarter during the college's three-quarter academic year, and advising undergraduate students in their research. At the Chicago Botanic Garden, this person's half-time responsibilities will include developing and teaching classes in the School of the Botanic Garden to professional and continuing-education audiences and assisting the School of the Botanic Garden in developing new programs and academic collaborations. A Ph.D. in botany or a related plant science area (plant conservation biology, plant evolution, etc.) is required for this position. A record of excellent teaching in a university setting, interest/experience in adult continuing and professional education, and experience with competitive grant proposal writing and project management is desirable. This is chiefly a teaching position although the person holding it will have access to Chicago Botanic Garden research facilities and common research-support facilities at Weinberg College in order to carry out his or her own research program. A letter of

application, CV, copies of student evaluations, and three letters of references are required. At least one referee should be included who can be asked to comment on the applicant's teaching. Deadline for receipt of application is 20 July 2004. Send materials to: Dr. Larry E. DeBuhr, Vice President of Education, Chicago Botanic Garden, 1000 Lake Cook Road, Glencoe, IL 60022. [Posted 8 June 2004]

Legume Systematist, New York Botanical Garden:

The New York Botanical Garden is seeking an outstanding systematic botanist for a career-track appointment in the Institute of Systematic Botany. Individuals pursuing innovative research in legumes, who are interested in developing a strong field program, and actively using the extensive herbarium collections and laboratory facilities, are encouraged to apply. Candidates who can also make important contributions in a second interdisciplinary field such as biogeography, biodiversity, floristics, or theoretical systematics will be given special attention. In addition to research, responsibilities include publishing research results and securing funding to support research and other activities, participation in the publishing program of the NYBG Press, and institutional and community service. The successful candidate will have a Ph.D., post-doctoral experience, a proven record of scientific achievement, and the ability to establish an externally funded research program. There are opportunities for participating in undergraduate and graduate training and for teaching at local universities. Applicants should send a *curriculum vitae*, statement of research interests, reprints if available, and the names and contact information for at least five references to: Dr. Dennis Wm. Stevenson, Vice President for Botanical Science, Attn: Human Resources Department, The New York Botanical Garden, 200th Street and Kazimiroff Blvd., Bronx, New York 10458-5126, USA. Position open until filled. The New York Botanical Garden is an Equal Opportunity Employer. [Posted 7 June 2004]

Collections Manager, Department of Botany, California Academy of Sciences:

The Department of Botany is seeking a Collections Manager responsible for supervising all aspects of development, maintenance, operation, and use of the herbarium (CAS and DS). Position will begin 1 January 2005. Duties include maintenance and organization of departmental collections; supervision and training of curatorial assistants and volunteers; assistance in developing (may involve programming) and maintaining computer database records related to the collection; management of all incoming and outgoing specimens from the herbarium; correspondence with other institutions concerning specimen transactions; overseeing the preparation, identification, and integration of new specimens into the collection; pest management; assisting with the preparation of grant proposals; assisting with preparation of annual staff evaluations; assisting in educational and outreach activities; recording herbarium activity and usage; maintaining statistics on collection composition for inclusion in annual report; conducting departmental tours; possible participation in field expeditions with the goal of generating research quality collections; participation in special projects when necessary. A minimum of a

masters degree in botany or biology, experience working with the maintenance of systematic botanical collections, and demonstrated knowledge of taxonomic botany; good computer knowledge is desired. To apply, please send a letter of interest, résumé, and names and contact information for three references to California Academy of Sciences, Human Resources Department #CollMgr1, 875 Howard Street, San Francisco, CA 94103. Application deadline is 31 July 2004. The California Academy of Sciences is an Equal Opportunity Employer committed to diversity. [Posted 6 May 2004]

Systematic Botanist (Research Botanist), Smithsonian Institution, National Museum of Natural History:

The Department of Botany seeks an outstanding systematic botanist for a full-time research position, initially as a four-year term appointment, but upon satisfactory performance during that period, eligible for conversion to permanent status. Candidates with an established and recognized research program on a large or important plant group such as pteridophytes, Fabaceae, Euphorbiaceae, Melastomataceae, or Rubiaceae may be given preference. The successful candidate should have demonstrated expertise that emphasizes innovative as well as conventional application of the systematic collections of the United States National Herbarium, utilizing modern methods based on comparative morphology and augmented by other methodological tools such as molecular phylogenetics. The position will be filled at the GS12/13 level (salary range of \$60,638 to \$93,742 commensurate with experience). In addition to a proven record of scientific achievement in the research specialty, applicants are expected to have expertise and interest in additional fields, such as biogeography, biodiversity and conservation, ethnobotany, floristics, informatics, or theoretical systematics. Applicants must have demonstrated ability to establish an externally funded research program, and to conduct active botanical fieldwork. See announcement number 04AD-1065 at < <http://www.mnh.si.edu/rc/positions/> > for further details for the application for this position. [Updated 12 July 2004]

FELLOWSHIPS, INTERNSHIPS, POST-DOCS

NOTE: THE MOST RECENT LISTINGS ARE THE TOP! Nearly all announcements have been edited to conserve space—be sure to obtain complete descriptions before applying.

Search reopened for postdoc at the University of Utah:

A postdoctoral position is available on an internationally collaborative project to produce a global monograph of the genus *Solanum* (Solanaceae). The project is one of four Planetary Biodiversity Inventory programs funded by NSF in collaboration with the ALL Species Foundation. *Solanum* includes between 1,000 and 2,000

species and is one of the largest genera of angiosperms. The species level taxonomy, including images, keys and specimen data, will be made available over the Internet. Responsibilities include monographic taxonomy of selected species groups of solanums; specimen and image databasing and manipulation; field work for the collection of herbarium, seed and silica gel samples; generation of molecular data for phylogeny reconstruction (mainly sequences of chloroplast and nuclear genes); maintenance and analysis of living greenhouse collections of Solanaceae; data analysis, presentation, and publication; training and supervision of undergraduate lab assistants; and oversight of routine lab activities. Candidates should have a Ph.D. and experience in plant systematics, field work and with working in a team; experience with Solanaceae is preferred but not required, as is experience with molecular systematics and a variety of methods of data analysis. This position is available for one year beginning immediately and extendable for up to five years. Electronic submission of applications is encouraged. Review of applications will begin immediately and continue until a suitable candidate is chosen. Applicants should submit a statement of interest and description of past experience, a *curriculum vitae*, and contact information (names, e-mail addresses, and phone numbers) of three references to: Lynn Bohs, Department of Biology, 257 South 1400 East, University of Utah, Salt Lake City, UT 84112 USA; e-mail <bohs@biology.utah.edu>; voice: 801 585-0380. Information on the Biology Department at the University of Utah is available at <<http://www.biology.utah.edu/>>. The University of Utah is an Equal Opportunity Employer. [Updated 19 July 2004]

NEWS FROM OTHER SOCIETIES

Merritt Lyndon Fernald Award, New England Botanical Club

Merritt Lyndon Fernald was born in 1873 in Orono, Maine. In 1891 he enrolled at Harvard University and started working at the Gray Herbarium, both of which he remained associated with until his death in 1950. During those 60 years, he intensively studied the flora of eastern North America, made numerous field expeditions throughout the northeastern United States and southeastern Canada, and authored over 800 papers on floristically related subjects. Two of his most important contributions were: *Persistence of Plants in Unglaciated Areas of Boreal North America* (1925) and *Gray's Manual of Botany, 8th Edition* (1950). Fernald served as an Associate Editor of *Rhodora*, *Journal of The New England Botanical Club* from its inception in 1899 to 1928, and as Editor-in-Chief from 1928 until his death in 1950. He was an active member and promoter of the club. The Council of the New England Botanical Club honors Fernald's exemplary contributions to the botany of northeastern North America through the Merritt Lyndon Fernald Award. The award is given annually, if deemed appropriate, to the author(s) of the best paper published in each volume of *Rhodora* that has made use of herbarium specimens and/or involved

fieldwork. Topics to be considered include, but are not limited to, biogeography, floristics, life-history studies, monographs, and revisions. Papers on vascular or nonvascular plants, lichens, fungi, and algae will be considered. The competition is not limited to a particular geographic area, but is open to studies in any part of the world. Recipients of the Fernald Award will receive \$1,000 and a certificate acknowledging the achievement. The award will be presented when the New England Botanical Club hosts its annual Distinguished Speaker.

The first recipient of the Merritt Lyndon Fernald Award is Robert I. Bertin for his paper entitled "Losses of Native Plant Species from Worcester, Massachusetts" (*Rhodora* 104:325–349. 2002). The second recipients are Arthur C. Mathieson, Clinton J. Dawes, Larry G. Harris, and Edward J. Hehre for their paper "Expansion of the Asiatic Green Alga *Codium fragile* subsp. *tomentosoides* in the Gulf of Maine" (*Rhodora* 103:1–53).

See our Web page <<http://www.huh.harvard.edu/nebc/index.html>>.

FUNDING AND AWARD OPPORTUNITIES

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."

American Philosophical Society, Research Grants: Franklin Research Grants are a program of small grants (\$1,000–\$6,000) to scholars in order to support the cost of research leading to publication in all areas of knowledge. Applicants are expected to have a doctorate, or to have published work of doctoral character and quality. Pre-doctoral students are not eligible, but the society is especially interested in supporting the work of young scholars who have recently received the doctorate. The Franklin program is designed to help meet the cost of travel to libraries and archives for research purposes, the purchase of microfilm, and the costs associated with fieldwork or laboratory research. The program does not accept proposals in journalistic writing, for the preparation of textbooks or teaching aids, or the work of creative and performing artists. These grants are not made for research for commercial purposes, or when government support is more appropriate. They are not intended to meet the expenses of attending conferences or costs of publication. 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. For information about application procedures, see either the Web page <<http://www.amphilsoc.org/grants/>> or contact: Franklin Research Grants, American Philosophical Society, 104 South 5th Street, Philadelphia, PA 19106; e-mail <eroach@amphilsoc.org>. Include the follow-

ing information: 1) indication of your eligibility, specify the name of the program; 2) nature of the research (e.g., archival, laboratory, fieldwork, etc.); and 3) proposed use of the grant funds (travel, purchase of microfilm, etc.). Foreign nationals must state what objects of research they need access to, available ONLY in the United States. Information updated June 2004.

Rupert Barneby Fund, New York Botanical Garden:

The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2005. The award of US \$1,000 is to assist researchers to visit The New York Botanical Garden to study the rich collection of Leguminosae. Anyone interested in applying for the award should submit their *curriculum vitae*, a detailed letter describing the project for which the award is sought, and the names of 2–3 referees. Travel to the NYBG should be planned for sometime in the year 2005. The application should be addressed to Dr. James L. Luteyn, Institute of Systematic Botany, The New York Botanical Garden, 200th Street and Kazimiroff Blvd., Bronx, NY 10458-5126, USA and received no later than 1 December 2004. Announcement of the recipient will be made by December 15th. Anyone interested in making a contribution to the Rupert Barneby Fund in Legume Systematics, which supports this award, may send their check, payable to The New York Botanical Garden, to Dr. Luteyn. See “People” for the winner of the 2004 award.

Elizabeth E. Bascom Fellowships in Botany for Latin American Women, 6th Announcement: The Missouri Botanical Garden announces the sixth 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 three 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 2004. 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 ; Web page < <http://www.mobot.org/MOBOT/Research/jobs.shtml> > .

Grants for Botanical Gardens and Arboreta: The Stanley Smith Horticultural Trust (SSHT) invites applications for grants up to \$20,000 for education and research in ornamental horticulture. Not-for-profit botanical gardens, arboreta, and similar institutions are eligible. The deadline for applications is 15 August 2004. For current guidelines, contact Thomas F. Daniel, Grants Director, SSHT, Department of Botany, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118, USA; email < tdaniel@calacademy.org > ; voice: 415 750-7191.

SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2004

Botany 2004, Snowbird, Utah, 31 July–5 August 2004

The Botany 2004 meeting will be held 31 July–5 August 2004 in Snowbird, Utah. In addition to the annual meeting for ASPT, the other societies included in this meeting are the Botanical Society of America, the American Bryological & Lichenological Society, and the American Fern Society. For more information, see < <http://www.botany2004.org> > .

International Symposium on Asian Plant Diversity and Systematics, 29 July–1 August 2004, Chiba Prefecture, Japan

Asia has an incredibly high diversity of plants. The flora of temperate Asia, e.g., China, Korea, and Japan, comprises the largest number of species when compared with all other temperate regions of the world, and the tropical Asian flora is the most species-rich. The plant diversity of Asia is an ideal focus for evolutionary studies, biogeographical analysis, informatics, phylogenetics, and systematics. This symposium aims to review current research on various aspects of Asian plant diversity, with emphasis on the use of modern approaches and techniques. The symposium will include six symposium sessions and one poster session. For more information, see < <http://www.soc.nii.ac.jp/jsps/iapt2004/> > .

VI International Flora Malesiana Symposium, Los Baños, 20–24 September 2004

The Flora Malesiana symposia provide a forum to report scientific research findings and progress on particular plant groups or areas, exchange ideas, and conduct workshops on approaches to enhancing and managing the Flora Malesiana Project. They also continue to serve as catalyst for significantly increasing publication of plant biodiversity information. The Sixth International Flora Malesiana Symposium is to take place in Los Baños, Philippines in September 2004. It will be organised and hosted by the University of the Philippines-Los Baños and the National Museum of the Philippines. The university lies between the southern lakeshore of Laguna de Bay and the northeastern slopes of the legendary volcano Mt Makiling on the main island of Luzon. The FM VI Symposium will be preceded by the Ethnobotany of Southeast Asia Symposium, 16–18 September in Los Baños and followed by the Global Taxonomy Initiative, Asia Meeting, 27–30 September in Manila. For more information, see the Web site at < <http://www.floramalesiana6.ph/> > .

51st Annual Systematics Symposium, Missouri Botanical Garden, St. Louis, 8–10 October 2004

The topic of this year's Symposium is "Latin American Biogeography—Causes and Effects;" the moderator will be Alan Graham. Speakers include David Krause, Rosendo Pascual, William Zinsmeister, Paul Mann, S. Blair Hedges, S. David Webb, Sarah Metcalfe, Anthony G. Coates, Barbara W. Leyden, Dolores R. Piperno, Lonnie G. Thompson, and Henry Hooghiemstra. For more information, see < <http://www.mobot.org/MOBOT/research/symposium/welcome.shtml> > or contact Systematics Symposium, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166-0299 or contact P. Mick Richardson < mick.richardson@mobot.org >; voice: 314 577 5176; fax: 314 577 0820.

2005

18th World Orchid Conference, Dijon France, 11–20 March 2005

The palatial venue is located in the town center, and is well known as a prime site for many large exhibitions and conferences. One of the major shows that it hosts triennially is Florissimo—literally, "The Greatest Flower Show"—which is famous for its huge tropical plant displays. The Orchid Show will be held in conjunction with the Florissimo exhibition on 12,000 square meters, just besides the conference rooms. Orchid growers and exhibitors, hobbyists and scientists from all parts of the world regularly attend the World Orchid Conference. Sessions of oral communications are planned during the World Orchid Conference. They deal with horticulture and cultivation, conservation and CITES regulation, flora discovery, and scientific presentations. According to the large amount of data recently obtained in orchid phylogeny, several well-known speakers are invited to present their point of view on orchid evolution. This consists of the major topics of scientific communications. The important interactions of orchids with living organisms like insects and fungi are also included in the program. Poster session will be also organized. The proceedings of the conference will be published in an illustrated high-quality book by Naturalia Publications. The price of the Proceedings is included in the registration fees. Dijon is a lovely city located some 125 miles east of Paris. It can be reached easily by the TGV Express train from Paris, Charles De Gaulle airport, and from the city of Lyon. Conference tours are organized for attendees. Conference information, program, and registration forms are available at < <http://www.woc2005.org/> >. Comments and specific requirements can be provided to organizers < contact@woc2005.org >.

XVII International Botanical Congress, Vienna, Austria, 18–23 July 2005; Nomenclature Section, 13–16 July 2005

The XVII International Botanical Congress (XVII IBC) takes place 2005 in Vienna, Austria. It is being organized by the IBC Organizing Committee, the Society for the Advancement of Plant Sciences, and the Vienna Medical Academy, with support from many societies related to plant sciences, as well as universities, research institu-

tions, and private sponsors. The XVII IBC is held under the auspices of the International Association of Botanical and Mycological Societies (IABMS) of the International Union of Biological Sciences (IUBS). The first circular is available electronically at < <http://www.abc2005.ac.at/> >. For more information, contact < office@abc2005.ac.at > or Dr. Josef Greimler, Secretary General, XVII IBC 2005, Institute of Botany, University of Vienna, Rennweg 14, A-1030 Vienna, Austria; phone: + 43-1-4277-54123; fax: + 43-1-4277-9541.

NEW SERIALS AND NEWS ABOUT SERIALS

New Journal—*Phyloinformatics*

Phyloinformatics is a peer-reviewed, free, and open-access journal dedicated to publishing high quality papers on the use of informatics in taxonomy or phylogenetics. The journal was been launched on 25 August 2003, and the first two papers appeared in February 2004. *Phyloinformatics* publishes original research articles on computational methods used in phylogenetic analysis, management of taxonomic data, or the application of phylogenetics in other scientific fields. Publication of articles by *Phyloinformatics* only depends on the judgement by our reviewers. All accepted contributions will be published on the Web without length restrictions. *Phyloinformatics* offers a very fast publication schedule and rigorous peer review. Articles will be published electronically in PDF format immediately upon acceptance. As an on-line journal, *Phyloinformatics* gives authors the opportunity to publish large datasets or files that can be read directly by other software packages to allow other taxonomists to manipulate the data for themselves. For more information, including how to submit a manuscript, see our Web page at < <http://phyloinformatics.org> > or contact the editor, Dennis DeGreve, e-mail < editor@phyloinformatics.org >.

HERBERTIA—Solicitation for Articles

HERBERTIA is an international journal devoted to the botany and horticultural science of geophytic plants, published annually by the International Bulb Society < https://www10.secure-website.net/~bulbsoc/ABOUT_IBS/Publications/index.html >. A special emphasis of the journal is the Amaryllidaceae and other petaloid monocot families rich in bulbous or cormous plants, but articles treating any aspects of dicotyledenous geophytes are welcome as well. Articles in *HERBERTIA* may be refereed (peer-reviewed) or nonrefereed. Articles of a scientific nature (e.g., taxonomy, plant physiology) will usually be sent to at least two appropriate reviewers. Authors wishing to insure that their contributions will be peer-reviewed should indicate so upon submission. Peer-reviewed articles are indicated with a footnote in publica-

by the Center for Aquatic and Invasive Plants at the University of Florida < <http://plants.ifas.ufl.edu/> > .

New Virtual US National Arboretum Herbarium

Web Pages: The US National Arboretum Herbarium is one of a few in the world with a primary mission of supporting taxonomic research and identification of cultivated plants, including cultivars, hybrids, and other elite plant materials of use to man. To facilitate this research, the herbarium includes specimens not only of cultivated plants but also of their wild progenitors and is the official depository for documented specimens of USDA plant introductions, including food, drug, forage, industrial, and forest plants. The herbarium is a permanent reference collection of dried plant specimens necessary to taxonomic studies relating to agriculture, medicine, science, and education—fields where documentation and correct identification of germplasm materials are essential. We have begun to electronically capture all of the data associated with each Type Specimen, Horticultural Cultivated Standard, as well as Specimens of Special Interest, to image these specimens, and to put all of this information on the internet. Although we have not finished the project we have posted what we have accomplished. The URL is < <http://www.usna.usda.gov/Research/Herbarium/index.html> > .

Native Plant Information Network from the Lady Bird Johnson Wildflower Center:

“The mission of the Lady Bird Johnson Wildflower Center is to educate people about the environmental necessity, economic value, and natural beauty of native plants. The Native Plant Information Network’s goal is to distribute a diverse array of scientifically accurate native plant materials and resources to help make this possible.” This NPIN section of the Center’s Web page has been updated and contains a wealth of information about native plants. Included are 1) a database with over 2,900 species, expanded data fields, advanced search features, and links to the Image Gallery; 2) 16,923 images and counting!; 3) a completely renovated National Suppliers Directory; 4) National Organizations Directory and Events Calendar; 5) Offshoots, fourteen years worth of Wildflower, the National Wildflower Research Center’s Newsletter, 1984–1998; and 6) Ask the Expert, answers to the most frequently asked questions. The Web site is available at < <http://www.wildflower2.org/index.html> > , then click on “Explore Plants.”

Some Web Sites About Parasitic and Carnivorous

Plants: In the normal scheme of things, flowering plants are green and carry out photosynthesis, thus manufacturing their own food. However, plant systematists know that this generalization is not always true—carnivorous plants obtain at least some of their nutrients from trapping and digesting small animals, mostly insects, while other plants lack chlorophyll and are parasitic on plants that do carry out photosynthesis. Students find these plants fascinating, and for the benefit of students in the plant systematics course at the University of Illinois I have selected a few Web sites devoted to these plants. Links from these Web sites will take you to countless more. — Ken Robertson.

cal Society of America < <http://botany.org/newsite/publications/carnivorousPlants/carnivorousPlants.php> >

- Galleria Carnivora (A museum of colour photographs of carnivorous plants) < <http://www.sarracenia.com/galleria/galleria.html> >
- Cook’s Carnivorous Plants < <http://www.flytraps.com> >
- International Carnivorous Plant Society < <http://www.carnivorousplants.org/> >
- Insectivorous Plants from UCLA < <http://www.botgard.ucla.edu/html/botanytextbooks/lifeforms/insectivorousplants/index.html> >
- The Great California *Darlingtonia* Expedition < <http://www.illusionary.com/~dglidden/cp/darlingtonia/> >
- The Carnivorous Plant Archive < http://redtail.unm.edu/ckf_website/cp/cp.htm#return >
- Wonderful World of Insect Eating Plants < <http://www.collectorscorner.com.au/Carnivorous%20Plants/Carnivor.htm> >
- Parasitic Plants Introduction to Parasitic Flowering Plants < <http://www.apsnet.org/education/IntroPlant-Path/PathogenGroups/Parasiticplants> >
- The Parasitic Plant Connection < <http://www.science.siu.edu/parasitic-plants/index.html> >
- Many links from The Parasitic Plant Connection < <http://www.science.siu.edu/parasitic-plants/links.html> >
- The International Parasitic Plant Society < <http://oak.pwps.vt.edu/ipps/> >
- Parasitic Plants from UCLA < <http://www.botgard.ucla.edu/html/botanytextbooks/lifeforms/parasitic-plants> >
- Mistletoe Lore < <http://www.candlegrove.com/mistletoe.html> >
- Parasitic Flowering Plants from Wayne’s World < <http://waynesword.palomar.edu/plnov99.htm> >
- Plants of the Rainforest: Rafflesia < <http://www.szgdocent.org/ff/f-praff.htm> >

MOVE AFOOT TO RAPIDLY ADVANCE THE GOAL OF NETWORKING

A group of systematics and collections-oriented people, including several members of ASPT, met at a workshop in Gainesville, Florida, in November 2003 entitled: “A Decadal Vision for Taxonomy and Natural History Collections”.

Workshop participants enthusiastically endorsed recent initiatives at NSF designed to enhance our taxonomic expertise and our knowledge of biodiversity (PEET, PBI, RevSys and AToL) and recommended that these achieve permanent status at NSF. Workshop participants also recommend increasing the NSF-BRC budget as that program’s current budget (\$6 million) is clearly inadequate to meet the needs of our collections institutions. At the workshop, and continuing via the hard work of the writing committee, a vision began to take form of a highly networked community of collections institutions with the vast amount of data about life of Earth that is contained

- Carnivorous Plants Carnivorous Plants from the Botani-

