



ASPT

The American Society of Plant Taxonomists ASPT NEWSLETTER

Volume 19(1)

June 2005

Kenneth R. Robertson,
Editor, *ASPT Newsletter*
Illinois Natural History Survey
607 East Peabody Drive
Champaign, Illinois 61820
Phone: 217 244-2171; fax: 217 333-4949;
e-mail: krrobert@uiuc.edu

Patrick Herendeen,
Editor-in-Chief, *Systematic Botany*
Department of Biological Sciences
George Washington University
2023 G Street, N.W.
Washington, DC 20052
Phone: 202 994-5828; fax: 202 994-6100;
e-mail: herenden@gwu.edu

Elizabeth A. (Toby) Kellogg
President, ASPT
Department of Biology
University of Missouri-St. Louis
8001 Natural Bridge Road
St Louis, MO 63121
Phone: 314 516-6217; fax: 314 516-6233;
e-mail: tkellogg@umsl.edu

Michael Vincent,
Secretary, ASPT
Department of Botany
Miami University
Oxford, OH 45056-1879
Phone: 513 529-2755; fax: 513 529-4243;
e-mail: vincenma@muohio.edu

Jun Wen
Treasurer, ASPT
Department of Botany
Field Museum of Natural History
1400 S Lake Shore Dr.
Chicago, IL 60605-2496
Phone: 312 665-7853; fax: 312 665-7158;
e-mail: jwen@fmnh.org.

CONTENTS

ASPT News

Recipients of ASPT Graduate Research Grants	2
Announcements about <i>Systematic Botany</i>	2
Next Editor-in-Chief of <i>Systematic Botany</i>	2
Help Wanted—Managing Editor for <i>Systematic Botany</i>	2
Careers in Biological Systematics—Help Wanted	3
Results of ASPT Election.....	3
New Issues of <i>Systematic Botany Monographs</i>	3
Gift to <i>Systematic Botany Monographs</i>	3
<i>Systematic Botany Monographs</i> SALE	3
<i>In Memoriam</i>	3
People.....	4
Job Opportunities	5
Fellowships, Internships, Post-docs	6
Organizations	7
Institutions	7
Funding and Award Opportunities.....	8
Symposia and Meetings	8
New Serials and News About Serials	10
New Books for Review	10
New Web Sites.....	11
Addendum	12

ASPT NEWS

Recipients of ASPT Graduate Research Grants

- **John Clark** (Washington State University) — Phylogeny and phylogeography of Pacific *Cyrtandra* J.R. & G. Forster (Gesneriaceae).
- **Wendy Clement** (University of Minnesota) — Phylogeny of Castilleae (Moraceae): Investigating the evolutionary history of the fig's closest relatives. [Shirley and Alan Graham Grant]
- **Ashley Egan** (Brigham Young University) — Phylogenetics and biogeography of North American Psoraleae (Leguminosae) based on nuclear & chloroplast DNA sequences: a network based approach.
- **Courtney Finch** (Saint Louis University) — Pollination biology and evolution of the orchid genus *Thelymitra*.
- **Anke Geeraerts** (University of Leuven, Laboratory of Systematics) — A survey of African Ebenaceae: taxonomical delimitation, phylogenetic relationships and palynology of section *Royena*.
- **Danica Harbaugh** (University of California-Berkeley) — Phylogeny and taxonomy of sandalwoods (*Santalum* spp., Santalaceae).
- **Ricarda Riina** (University of Wisconsin-Madison) — A new approach to integrate phylogeny and taxonomy in the neotropical dragon's blood trees: *Croton* sect. *Cyclostigma* (Euphorbiaceae). [William R. Anderson Grant]
- **Kim Ryall** (Duke University) — Fungal endophytes of mosses: diversity and specificity.
- **Vernie Sagun** (University of Illinois and Illinois Natural History Survey) — Revision and phylogeny of *Acalypha* (Euphorbiaceae) in the Malesian region based on ITS and ndhF sequence data.
- **Ivonne Sanchez-del Pino** (New York Botanical Garden & CUNY) — Phylogenetic analysis of the subfamily Gomphrenoideae (Amaranthaceae).
- **Eric Schuettpelz** (Duke University) — Evolution and diversification of epiphytic ferns. [Rogers McVaugh Grant]
- **Valerie Soza** (University of Washington) — Molecular phylogenetics and breeding system evolution in the genus *Galium* (Rubiaceae).
- **Shannon Straub** (Cornell University) — Systematics of *Amorpha* L. (Fabaceae): phylogenetics, taxonomy, evolution, ecology, and conservation.
- **Jim Triplett** (Iowa State University) — Systematics of the *Arundinaria* Complex (Poaceae: Bambusoideae) in the Southeastern U.S. and East Asia.

Announcements about *Systematic Botany*

In consultation with the ASPT officers and Council members, the *Systematic Botany* editorial board has decided to make some modifications to the Editor-in-Chief position for *Systematic Botany*. The Editor-in-Chief currently serves a four-year term, after which all duties are transferred to the new Editor-in-Chief. As the journal has grown over the past several years (66 submitted manuscripts in 1998, 81 submitted manuscripts in 2004; 500 printed pages in 1998, 1036 pages in 2004) we have become concerned about providing a smooth transition for

the new Editor-in-Chief. After considering our options, we have decided to adopt a succession model in which the outgoing Editor-in-Chief overlaps during the fourth year of the term with the incoming Editor-in-Chief, such that the outgoing Editor-in-Chief handles manuscripts that are already in the system, and the incoming Editor-in-Chief handles new manuscript submissions. In this way the new Editor-in-Chief will have time to learn the existing system and think about improvements while the work load is relatively light. At the same time the outgoing Editor-in-Chief only needs to focus on assessing manuscripts already in review and revision, and consulting with the new Editor-in-Chief as needed. The term for the Editor-in-Chief will remain four years, but the overlap period should ensure a more seamless transition from one Editor-in-Chief to the next.

Next Editor-in-Chief of *Systematic Botany*

Speaking of the next Editor-in-Chief, we are pleased to announce that Alan Whittemore (currently Managing Editor) will be the next Editor-in-Chief of *Systematic Botany*. Effective 1 January 2006, Alan will be the incoming Editor-in-Chief with a term that ends on 31 December 2009. During 2006 Patrick Herendeen will serve the last year of his term. Beginning on 1 January 2006, new manuscript submissions should be directed to Alan Whittemore. Details will be available in the Checklist late this year.

Help Wanted—Managing Editor for *Systematic Botany*

With the upcoming move of Alan Whittemore to the position of Editor-in-Chief in 2006, we are initiating a search for a new Managing Editor to serve a four-year term beginning 1 January 2006. The journals are the Society's most important service to the taxonomic community, and the Managing Editor of *Systematic Botany* plays a key role in ensuring the timely, high-quality publication of taxonomic research.

Responsibilities include: making final edits to accepted manuscripts, transmitting final edited manuscripts and figures to the printer, managing the proof correction process, communicating with authors through the editing, proof and production process, and interacting with the printer through the production process.

Qualifications: A detail-oriented person with a broad knowledge of plant taxonomy and systematics, good command of English, and good familiarity with modern word processing, spreadsheet, and graphics software (largely MS Word, MS Excel, Illustrator, and Photoshop). Ability to meet deadlines is very important. A Ph.D. is not required.

Perks: Be one of the first people in the world to see the latest science before it is published, select the artwork for the cover of each issue, receive the unwavering admiration and appreciation of several thousand colleagues and members of ASPT.

Interested? Questions? Contact Patrick Herenden <herenden@gwu.edu> or Alan Whittimore <whittima@usna.ars.usda.gov> to discuss the position.

Careers in Biological Systematics — Help Wanted

Some years ago, the ASPT produced a 12-page booklet entitled “Careers in Biological Systematics,” which we distribute to interested colleagues and members of the public at large. Our supply of the booklet is almost depleted, and it will need to be reprinted. This seems like an ideal time to update the booklet. Accordingly, we are seeking someone to take on the task of providing an updated version. Volunteers should contact Linda Brown (ljbrown@uwyo.edu) at the ASPT business office. — Elizabeth A. Kellogg, Department of Biology, University of Missouri-St. Louis, St. Louis, MO 63121; Tel: 314-516-6217, FAX: 314-516-6233.

Results of ASPT Election

- * President-elect (2005–6): Vicki Funk
- * Council Members-at-large:
 - Paul Manos
 - Rob Naczi

New Issues of *Systematic Botany Monographs*

Volume 72. *Monograph of Schiedea (Caryophyllaceae – Alsinoideae)*, Warren L. Wagner, Stephen G. Weller, and Ann Sakai, 169 pp, color frontispiece + 5 color plates, March 2005. ISBN 0-912861-72-X. US orders: \$23.00; non-US-orders: \$25.00.

Volume 73. *Revision of Delissea (Campanulaceae–Lobelioideae)*, Thomas G. Lammers, 75 pp, March 2005. ISBN 0-912861-73-8. US orders: \$9.00; non-US-orders: \$11.00.

Postage and handling included. Send orders to *Systematic Botany Monographs*, University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2287, USA, with checks payable to “ASPT”; VISA and MasterCard accepted. Fax: 734-647-5719; e-mail (chra@umich.edu).

Gift to *Systematic Botany Monographs*

Walter L. Meagher, who for more than 10 years has so generously supported the publication of *Systematic Botany Monographs*, again donated \$1,000 this year for this purpose. His gift will be used to offset the costs associated with the publication later this year of a monograph on *Claytonia* (Portulacaceae) by John M. Miller and Kenton L. Chambers.

Systematic Botany Monographs SALE

1 July–31 August 2005: On the occasion of the XVII International Botanical Congress, the ASPT offers a special sale of *Systematic Botany Monographs*. Click on the SBM link on the ASPT Web site (www.aspt.net) and SAVE 50%!



IN MEMORIAM

Wilbur H. Duncan, 1910–2005

We are saddened to report the passing of Wilbur H. Duncan, University of Georgia Professor Emeritus of Botany and retired Curator of the GA Herbarium. He died at his home attended by his family on 25 March 2005 in Athens, Georgia. He was over 94 years old.

Wilbur was born on October 15, 1910, in Buffalo, New York and received a A.B. (1932) and M.A. (Botany, 1933) from Indiana University. After earning a Ph.D. from Duke University under forest ecologist Clarence F. Korstian in 1938, he began his distinguished 40-year career at the University of Georgia, Department of Botany (now Department of Plant Biology) as faculty member and curator of the GA Herbarium. His work at the university was interrupted by three years of service in the U. S. Public Health Service (1943-1946) during World War II.

Wilbur had an illustrious career in botany and conservation spanning seven decades. He collected over 30,000 plant specimens in his lifetime (typically in multiple sets) that he deposited at GA and other herbaria throughout the southeastern United States; during his curation-ship of GA Herbarium, the collection grew from 16,000 to 135,000 specimens. Wilbur authored 65 articles in scientific journals, mainly on the floristics of the southeast, particularly of Georgia. He is probably best known, however, for his popular field guides published by the University of Georgia press after his “retirement:” The Smithsonian Guide to Seaside Plants of the Gulf and Atlantic Coasts (1987), Trees of the Southeastern United States (1988), and Wildflowers of the Eastern United States (1999). The three books, illustrated with his beautiful photographs, brought botany to the public at an understandable level, and are all coauthored by his wife of 64 years, Marion Duncan, also a professional botanist. The Duncans logged over 80,000 miles together for these projects. At the time of his death, he was completing a manuscript for Shrubs of the Southeastern United States, a significant guide including 700 color photographs.

Wilbur belonged to 18 professional societies and associations. He was a charter member of the Association of Southeast Biologists and a Fellow of the American Association for the Advancement of Science, and he held several offices with the Botanical Society of America, was President of the Georgia Academy of Science (two terms), and served as Council Member of the American Society of Plant Taxonomists (four years). He was awarded the 1990 Elizabeth Ann Bartholomew Service Award by the Southern Appalachian Botanical Club; in 1998, the Department of Plant Biology, University of Georgia, initiated the Wilbur Duncan Teaching Award in his honor to recognize outstanding graduate students in the department.

To honor him, his family has requested donations to the Wilbur and Marion Duncan Publishing Fund, a charitable trust established with the University of Georgia Foundation to ensure the publication of the Duncans’ last

manuscript, Shrubs of the Southeastern United States. Those wishing to participate may send tax-deductible contributions to: The University of Georgia Foundation, Wilbur and Marion Duncan Publishing Fund, 394 S. Milledge Avenue, Suite 100, Athens, GA 30602-5582. — Wendy B. Zomlefer and David E. Giannasi, Department of Plant Biology, University of Georgia, 2502 Plant Sciences, Athens, GA 30602-7271. email address <wendyz@plantbio.uga.edu> .

Scott Sundberg, 1954–2004

Scott D. Sundberg of Corvallis, Oregon, died 30 December 2004 of cancer. An Oregon native, Scott's interest in the plants of the state began as an undergraduate at the University of Oregon. He was a botanist for the Bureau of Land Management, Coos Bay District from 1978–1980. He received his Ph.D. in botany in 1986 from the University of Texas at Austin, where he studied the taxonomy of plants within the Compositae. After post-doctoral studies in Ohio and several years of research and botanical consulting in Seattle, Scott returned to Oregon to oversee the integration of the University of Oregon and the Oregon State University Herbaria.

In 1994, Scott initiated the Oregon Flora Project, with the goal of writing a new flora of Oregon. He served as director for that project until his death, supervising over 60 students, several professional employees, and directing over 230 volunteers. Along with a new flora was his vision for and the establishment of the Oregon Plant Atlas, the Oregon Vascular Plant Checklist, the Oregon Flora Photo Gallery, and the Oregon Flora Newsletter.

Scott's 29 scientific publications include taxonomic papers, laboratory-based investigations in plant systematics, and treatments for checklists, field guides, and floras. The majority of his publications concern the composite family. A complete list of his scientific publications will appear in the Oregon Flora Newsletter. A more detailed tribute to Scott may be found at <<http://www.oregon-flora.org/index.html>> .

Memorial gifts in Scott's honor can be made to NPSO —Oregon Flora Project, and mailed to P.O. Box 402, Corvallis, OR 97339. — Linda Hardison and Aaron Liston.



PEOPLE

Tatyana Livshultz has been appointed as assistant professor in the Department of Biology at University of Nebraska Omaha. She is currently a Mercer Fellow of the Arnold Arboretum of Harvard University, working with David Middleton on the systematics of the Apocynaceae. She completed her Ph.D. on the systematics of the genus *Dischidia* (Apocynaceae) at Cornell University in 2003 under the advisorship of Melissa Luckow. At UNO, Tatyana will teach courses in botany, plant systematics,

and phylogenetic systematics, continue her research on the Apocynaceae and initiate new projects on the flora of Nebraska and the Great Plains, advise masters and undergraduate students, and curate the ca. 30,000 specimen vascular plant herbarium (OMA).

Andrea Weeks will join the faculty of George Mason University's Department of Environmental Science and Policy as assistant professor of Plant Systematics and Conservation Biology. She will also become director of the Ted R. Bradley Herbarium (GMUF), which houses substantial collections from Virginia and the Bahamas. Dr. Weeks received her Ph.D. from the University of Texas at Austin and is currently completing a National Research Council post-doctoral fellowship on the phylogeography of *Ricinus communis*. Her research interests include the phylogenetic systematics and historical biogeography of Burseraceae and molecular ecological studies of native plants. She will begin August 2005.

Paul Berry and **Christopher Dick** have accepted offers to join the faculties of the University of Michigan Herbarium and of the Department of Ecology and Evolutionary Biology. Chris will arrive in Ann Arbor in September, 2005, and Paul in January, 2006, when he will assume the directorship of the Herbarium.

The July 2005 issue of *Discover* magazine has a feature article on **Greg Mueller** of the Field Museum. The article is entitled "Dr. Mushroom" and is part of the magazine's "In His Own Words" series. A short version of the article should be available soon at <<http://www.discover.com/issues/>> .

Michael J. Donoghue, Yale University, was elected to the National Academy of Sciences. Donoghue is the G. Evelyn Hutchinson Professor in the Department of Ecology & Evolutionary Biology, professor of geology and geophysics, and director of the Peabody Museum of Natural History at Yale. His research revolves around understanding phylogeny with a focus on plant diversity and evolution. He has a long-term interest in *Viburnum* and *Dipsacales*, and in the origin and early evolution of flowering plants. Donoghue also has worked on a number of conceptual and theoretical issues, specifically the notion of species, patterns in the distribution of homoplasy, character evolution and comparative methods, phylogenetic nomenclature, and combining data from various sources. He has published on other conceptual issues as well, including methods for assessing the direction of evolution, the analysis of large data sets, and identifying shifts in diversification rate. He helped build and still coordinates development of a relational database of phylogenetic knowledge called TreeBASE. See <<http://www4.nationalacademies.org/news/nsf/isbn/05032005?OpenDocument>> and <<http://www.yale.edu/opa/newsr/05-05-03-02.all.html>> /

Michael Jeffrey Balick of The New York Botanical Garden received the 2004 International Scientific Cooperation Award from AAAS, the world's largest general scientific society. Balick, Philecology curator and director of the garden's Institute of Economic Botany and

vice president for research and training, was honored by AAAS for his tireless efforts to promote scientific collaboration within the field of ethnobotany—the study of the relationship between plants and people across cultures. In particular, Balick was cited for his research emphasis “on preserving traditional knowledge and respect for the values of local peoples, and his support for the development of scientific institutions in areas of the world where they are needed most.” Balick’s research, which has helped to transform ethnobotany into an internationally recognized academic discipline, has taken him to some of the most remote and biologically diverse sites on the planet, Abbott noted. Beginning in Costa Rica, for example, Balick played a key role in building a major botanical garden, then worked on the domestication of native plants in the Amazon Valley and Northeastern Brazil. In Belize, he and his collaborators established critical links between ethnobotany, conservation, local education and economic development. His investigations also have taken him to China, Thailand and India, as well as the Caribbean, where he developed a new program to fund research projects in ethnobotany and economic botany with support from the Rockefeller Foundation. Currently, Balick is working in the Federated States of Micronesia in the Pacific, with a coalition of groups that include The New York Botanical Garden, The National Tropical Botanical Garden, The College of Micronesia, The Continuum Center for Health and Healing at Beth Israel Medical Center, The Nature Conservancy, the Pohnpei Council of Traditional Leaders, and Pohnpei State Government. The goal of Balick’s current work is to build a locally based scientific infrastructure that fosters the sustainable utilization of resources while also preserving traditional knowledge, in keeping with Micronesian values. See < <http://www.aaas.org/news/releases/2005/0216cooperation.shtml> > and < http://www.nybg.org/footer/press_releases_results.php?id_press_release=68 > .

The New York Botanical Garden is pleased to announce that **Vidal de Freitas Mansano**, of the Instituto de Pesquisas Jardim Botânico do Rio de Janeiro, and **Benjamin M. Torke**, currently a graduate student in the Department of Biology, Washington University, St. Louis, are the joint recipients of the Rupert Barneby Award for the year 2005. They will be studying the systematics and diversification of *Swartzia* (Leguminosae, Papilionoideae, Swartzieae), a prominent neotropical tree genus of approximately 140–180 species, with species diversity concentrated in lowland rainforests of the Guianas and Amazonia. For information about the Rupert Barneby Award, please see “Funding Opportunities”.



JOB OPPORTUNITIES

Persons in the job market should consult the Newsletter/“Current News” section of the ASPT homepage < <http://www.sysbot.org> > for detailed descriptions. Below are very abbreviated listings of job notices that have appeared

on that source; complete information needed for applications is not included here. For many positions, the deadlines have passed and the positions may be filled. The listing here is primarily for readers who might be interested in which organizations have had openings in the general area of plant systematics. The date the positions were posted is in square brackets [day/month/year].

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

Curator-Faculty Position, Botany, University of Alaska Fairbanks; Deadline Extended: World-class Outdoor Opportunities! The University of Alaska Museum of the North and the Department of Biology & Wildlife at the University of Alaska Fairbanks seek qualified applicants for a tenure-track, Assistant-Professor position as Curator of the Herbarium. Successful candidates are expected to: establish a vigorous, extramurally funded research program complementing the University’s programs; curate the herbarium; teach one course per year (systematic botany or a specialized course); and advise undergraduate and graduate students. The position will also be associated with the Institute of Arctic Biology. A newly expanded museum and laboratory, greenhouse, core laboratory for nucleic acid research, and supercomputer facilities are available. Opportunities exist to use field areas such as the Bonanza Creek/Poker Creek and Toolik LTER sites. Preferred applicants will have a strong background in developing, managing, and using museum collections and in a specialized research area (which is flexible). An earned Ph.D. is mandatory, and postdoctoral experience is preferred. Applicants who can successfully implement their vision for how traditional collections can be used on the leading edges of science are especially encouraged to apply. Laboratory space and startup funds are included. Further information about the University and Museum is available at < <http://www.uaf.edu/museum> > , < <http://mercury.bio.uaf.edu> > , and < <http://mercury.bio.uaf.edu/iab> > . Applications should include: a completed applicant form [available at < http://www.alaska.edu/hr/forms/hr_employmentforms.xml >]; *curriculum vitae*; three letters of reference; and separate summaries of interests and experience in research, curation, and teaching. Please send complete application package by 1 September 2005 to Curator of the Herbarium Search, c/o UAF Human Resources, P.O. Box 757860, Fairbanks, Alaska 99775-7860. Questions about this announcement can be addressed to Molly Lee < ffmcl@uaf.edu > . [Posted 10 June 2005]

Flora of North America Association (FNA) seeks editor and board member for electronic version of *Flora of North America* (eFNA): The FNA Board of Directors seeks a volunteer to serve as content editor of the electronic version of the *Flora of North America* (eFNA) and to co-chair the eFNA-IT subcommittee, which will spearhead future development of the eFNA. The volunteer also will serve as a member of the FNA Board of Directors. It is planned that when all FNA volumes are published in 2011, the eFNA will become the official, dynamic version of the *Flora of North America*.

Our goal is to make the eFNA the place on the web where floristic information for North America will reside. The eFNA editor will work with the editorial director and vice president to update the current contents of FNA on the web, with the vice president for business and development, who is in charge of funding and education outreach development, and with the executive committee and the president of FNAA. The eFNA editor will help the FNAA recruit members of the eFNA-IT subcommittee, define the direction in which the eFNA develops, and help identify resources necessary to achieve a successful eFNA. The candidate must have a strong background in biology (preferably but not exclusively botany) and demonstrable experience in developing Web-based biodiversity products. Interested candidates should send a letter of interest and a CV (electronic submission only please) to: Dr. Luc Brouillet, President, FNAA; Institut de recherche en biologie végétale; Université de Montréal; < luc.brouillet@umontreal.ca > ; phone: 514-872-8490 (for questions). If you know people who you think would be potential candidates for the position, please let us know their names and locations. FNAA will contact them to determine whether they would be interested.



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.”

Postdoctoral Position in Plant Systematics and

Anatomy: Expected funding for a postdoc researcher starts September 2005 or later, if need be. Applicant should be well versed in modern phylogenetic techniques and have a strong interest (if not experience) in plant anatomy. The project features an anatomical survey of the palm family (Arecaceae/Palmae) in collaboration with Dr. Jack Fisher (Fairchild Tropical Botanic Garden) and Dr. P. Barry Tomlinson (National Tropical Botanical Garden). For the Project description, see < <http://www.virtualherbarium.org/palmresearch/> > . For other activities in palms and systematics at Fairchild, see < <http://www.ftg.org/research/palmbiology.html> > . Research will be based on living collections in Florida and Hawaii. Responsibilities include: supervising technical assistant, collecting palm specimens and anatomical data, phylogenetic analysis, and manuscript and Web site preparation. Applicants should send resumé, brief statement of botanical interests, and names and e-mail addresses of three potential references to Jack Fisher < jfisher@fairchildgarden.org > .

Graduate Student Assistantship in Plant Anatomy/ Tropical Botany:

Funding is expected for a Research Assistantship for a Master degree student in the Graduate Program in Tropical Plant Biology < <http://www.ftg.org/research/graduatestudies/gradstudies2.html> > at

Fairchild Tropical Botanical Garden and Florida International University (FIU). We seek a student interested in tropical botany, plant anatomy, and systematics. The RA will prepare microscope slides and chose a project in systematic anatomy of palms that can serve as an MS thesis. This is part of a larger study of the systematic anatomy of the palm family (see url above). Applicant must meet admission requirements for FIU < http://www.fiu.edu/gradadm/coas_biosc_ms.html > . Position is available starting as early as January 2006 (August deadline) or delayed until September 2006 (February deadline). After checking above Web sites, applicant should first contact Dr. Jack Fisher < jfisher@fairchildgarden.org > .before applying to FIU.

National Parks Ecological Research Fellowship Program:

The National Park Service, National Park Foundation, and Ecological Society of America are pleased to announce the 2005 National Parks Ecological Research Fellowship Program. The program encourages and supports outstanding post-doctoral research in ecological sciences related to the flora of U.S. National Parks. The program will award up to three fellowships each year to researchers who have recently completed their Ph.D. Awards are made for up to two years with the possibility for renewal for a third year, determined at the end of the first year. Awards support research in any area of ecology related to the flora of the National Parks. Research topics can address any level of ecological organization, ranging from populations, species interactions, and community patterns, to landscape and ecosystem level processes associated with plants. Research should focus on questions that advance the science of ecology independent of immediate Park needs. Plants, fungi, mosses, algae, cryptogamic crusts, lichens, or other flora must be the main focus of the research. Research that takes advantage of the range of environments, conditions, and scales available in National Parks is of particular interest. Additional information and application materials are available at < <http://www.esa.org/nper> > . Completed applications must be received at ESA Headquarters between 1 September 2005 and 1 October 2005. For more information on the NPER Fellowship Program, contact: NPER Program Manager, Ecological Society of America, 202 833-8773 or < nper@esa.org > .

New Program in M.S. in Plant Biology and Conservation:

Northwestern University and the Chicago Botanic Garden are joining forces to offer the nation's first master of science degree in plant biology and conservation—a unique interdisciplinary program designed to educate the next generation of plant scientists. This is the first major collaboration between the two institutions. Students in the Northwestern University/Chicago Botanic Garden program will study populations of endangered plants—their genetics, the environmental changes to their habitats and their potential for reintroduction. They will learn how to use the Code of Botanical Nomenclature and define plant populations; acquire an understanding of the complexity and interactions of the many organisms that make up plant communities and ecosystems; develop a working knowledge of nucleic acid and chromosome structure; and master recombinant DNA technology

and gene cloning. Upon graduation, the plants scientists will go on to work in the nation's botanical gardens, for the government and non-government organizations, as teachers in high schools or junior colleges or as students in doctoral programs, leading efforts to learn more about plants, save plant species from extinction and increase public awareness. The master's degree—five core courses, four electives, independent research and a thesis—can be finished in four or five quarters. Molecular biology, biostatistics and plant science will be at the curriculum's core; the independent research component will provide students with opportunities to work on “real world” conservation and botanical problems. Classes will meet at Northwestern and the Chicago Botanic Garden and be taught by faculty from biology, environmental studies, anthropology, archaeology, engineering and economics. For more information on the master's program go to <<http://www.wcas.northwestern.edu/biosci/graduate>> .

Elizabeth E. Bascom Fellowships in Botany for Latin American Women: The Missouri Botanical Garden announces the seventh 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. This year, the deadline has been changed to 1 June 2005. All interested applicants should visit this Web site <<http://www.mobot.org/MOBOT/Research/bascom/bascom.shtml>> or this PDF document <<http://www.mobot.org/MOBOT/Research/bascom/Bascom05.pdf>> (both in Spanish) to obtain a list of application materials, or contact 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> . Additional information about the Missouri Botanical Garden, Research Division, is published in News from MO, available upon request, or on-line at <<http://www.mobot.org/MOBOT/web-mo/2004/NewsfromMOfinal.pdf>> .



ORGANIZATIONS

Global Biodiversity Information Facility

The Global Biodiversity Information Facility (GBIF) is an international organisation that is working to make the world's biodiversity data accessible anywhere in the world. GBIF's <http://www.gbif.org/GBIF_org/participation> members include countries and international organisations who have signed a Memorandum

of Understanding that they will share biodiversity data and contribute to the development of increasingly effective mechanisms for making those data available via the Internet. Currently, the GBIF data portal, which is still in prototype development stages, is a conduit for over 73 million records of specimen and observation data from 520 collections held by 127 institutions in more than 30 countries.

GBIF data providers are institutions, organisations, and individuals who, working with GBIF member “nodes” allow their data to be found by following certain protocols and standards, and installing free software provided by GBIF. How to do this is explained at <<http://www.gbif.org/DataProviders/HowTo>> .

The importance to an institution of being a GBIF provider is that as more and more institutions do so, in effect a “meta-herbarium” will be built that will provide a global dataset sufficiently populated that it can be used in many sorts of analyses. Data held by institutions that might not otherwise be discovered by researchers will be included in such analyses, and GBIF will assure that they will receive due attribution when their data are used in publication. Also, as they are developed, GBIF will be providing (free, and open source) more tools in the future that will feed “value added” data back to providers, such as ways to improve data quality, automatically georeference specimen data, and the like.

Alan Prather has compiled a list of 95 herbaria that have made data available on-line <http://www.cals.ncsu.edu/botany/ncsc/type_links.htm> . Some of these have installed the GBIF provider software and are serving their data via GBIF and/or any member node with which their data are indexed. Others have online databases that are not employing the GBIF data provider software. If your herbarium is one of the latter, GBIF asks you to consider joining this worldwide network.

For more information about GBIF, see <<http://www.gbif.org>> . To explore the data that are already available, go to <<http://www.gbif.net>> . If you have additional questions, contact Meredith Lane at <mlane@gbif.org> .



INSTITUTIONS

Missouri Botanical Receives Grant to Digitize Rare Botanical Literature and Images

The W.M. Keck Foundation has awarded the Missouri Botanical Garden an \$815,160 grant to develop a Web-based encyclopedia that will allow rapid, universal access to information and digital images of rare and important 18th and 19th century botanical literature. The reference system will allow users to search by clicking on images and highlighted key words in the database. Researchers working online throughout the world or those without

access to certain materials will be able to leaf through entire books and examine articles with the click of a mouse. Scientists will be able to conduct research faster and retrieve more information than ever before, allowing them to focus on the more intellectual and creative aspects of botany. The encyclopedia will make available botanical images and complete sets of botanical journals. Images will be visually acceptable for study and of good quality. Expected to be operational within three years, the on-line encyclopedia will be available to scientists, museums, and the general public. Based in Los Angeles, the W. M. Keck Foundation was established in 1954 by the late W. M. Keck, founder of the Superior Oil Company. The Foundation's grant making is focused primarily on pioneering efforts in the areas of medical research, science, and engineering. The Foundation also maintains a program to support undergraduate science and humanities education and a Southern California Grant Program that provides support in the areas of health care, civic and community services, education and the arts, with a special emphasis on children.



FUNDING AND AWARD OPPORTUNITIES

AAAS Award for Public Understanding of Science & Technology: The AAAS Award for Public Understanding of Science & Technology, established in 1987, recognizes scientists and engineers who make outstanding contributions to the "popularization of science." A monetary prize of \$5,000, a commemorative plaque, complimentary registration, and reimbursement for reasonable travel and hotel expenses to attend the AAAS Annual Meeting to receive the prize are given to the recipient. Criteria: 1) The Award shall be given annually to scientists or engineers who, while working in their fields, have also contributed substantially to public understanding of science and technology. 2) Types of activities to be considered include books, magazines, and newspaper articles; broadcasting; lecturing; museum presentation and exhibit design; and other public outreach activities, local, national, or international. 3) Nominators are encouraged to identify candidates whose contributions reach broad audiences that include women, minorities, disabled persons, and senior citizens. Complete information on eligibility and nomination procedures are at < <http://www.aaas.org/aboutaaas/awards/> > or Public Understanding Awards Coordinator, AAAS Education & Human Resources Programs, 1200 New York Avenue, NW Room 608, Washington, DC 20005; Voice: 202 326-6670; fax: 202 371-9849; e-mail: < jkass@aaas.org > .

Reminder NSF Biodiversity Surveys and Inventories Program: The Biodiversity Surveys and Inventories Program at the National Science Foundation of the USA supports expeditionary work to discover, describe, document and voucher plant, animal, and microbial diversity throughout the world. The next target date for proposal

submission from eligible US institutions is 9 July (there is no longer a separate deadline or announcement for this program). Information can be found on the Division of Environmental Biology Web page at < <http://www.nsf.gov> > .

Rubert Barneby Award: The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2006. 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 2006. 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 2005. Announcement of the recipient will be made by December 15th.

Grants for Botanical Gardens and Arboreta: The Stanley Smith Horticultural Trust 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 2005. For current guidelines, contact Thomas F. Daniel, Grants Director, SSHT, Department of Botany, California Academy of Sciences, 875 Howard Street, San Francisco, CA 94103, USA; email < tdaniel@calacademy.org > .



SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2005

A Symposium and Banquet Honoring the Legacy of David E. Fairbrothers: The Future of Plant Research, Rutgers University, 4 June 2005

This event is organized to honor David Fairbrothers' work during his 40+ years career at Rutgers University as a researcher, academic advisor, teacher, administrator, and colleague. David Fairbrothers' historic influence over plant research, conservation of plants on both a local and nationwide scale, as well as protection of habitats in the New Jersey Pinelands cannot be overestimated. He will be honored by former students, colleagues and his friends in a mini-symposium discussing his influence over plant research and conservation in the United States, with personal anecdotes from students and colleagues, and presentations of current cutting-edge plant research at Rutgers. This is also the kick-off for the fundraising campaign for the David E. Fairbrothers Plant Resources Center (FPRC), an umbrella organization envisioned to

consist of the Chrysler Herbarium, the Rutgers' Mycological Herbarium, On-line Herbarium, Molecular and Plant Extract Archive and a K-12 stakeholder outreach program. The endowment for the FPRC would secure funding for staff and activities that would benefit both New Jersey plants and citizens, as well as nationwide plant research. David Fairbrothers and his family will of course attend the symposium and dinner. If you can't attend but would like to send your regards or anecdotes to be read at the symposium, please e-mail Lena Struwe <struwe@aesop.rutgers.edu>. For full information, including a list of speakers and registration forms, see <<http://aesop.rutgers.edu/~herbarium/fprc.htm>>.

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 institutions, 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.ibc2005.ac.at/>>. For more information, contact <office@ibc2005.ac.at> or contact 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.

24th Meeting of the Willi Hennig Society, 25–29 July 2005, Oslo, Norway

This conference on phylogenetic biology (both theoretical and empirical) will be held at the Quality Fagernes Hotel in the beautiful mountains just north of Oslo, Norway. The start date of the meeting is meant to coincide with the tail end of the International Botanical Congress being held in Vienna, Austria, from 17–23 August. As such, one hope is that a large contingent of botanists traveling to the IBC can also include Hennig XXVI in their schedules. Presentations are invited within preplanned symposia, or as selected from contributions (e.g., from poster submissions) as time permits. All poster presentations are welcome. The Willi Hennig Society strongly encourages participation from students and postdocs on their developing research, either theoretical or empirical. There are several cash student prizes that will be awarded. Call For Symposia Proposals: Please e-mail Victor A. Albert <victor.albert@nhm.uio.no> with concrete plans for symposia, including a 1–2 paragraph description, and a list of proposed speakers and their topics. These symposia proposals will be assessed in light of other proposals registered. Victor A. Albert, Natural History Museum, University of Oslo, Norway. More details on the meeting will soon be available on the Society's Web page <<http://www.cladistics.org/>>.

Botany 2005, 12–17 August 2005

The Botany 2005 meeting will be held in Austin, Texas. The theme is “Learning From Plants”. Information is available at <<http://www.botanyconference.org/>>.

“The Role of the Botany in the Management and Conservation of Ecosystems” and “Second Botanical Symposium of Northern Mexico,” Durango, México, 13–14 September 2005

To celebrate the 25th Anniversary of the herbarium CIIDIR and the starting of our graduate program, the CIIDIR Unidad Durango of the National Polytechnic Institute, in conjunction with the Sociedad Botánica de México are organizing this symposium. The event includes a meeting of the Sociedad Botánica de México with Dra. Laura Arriaga Cabrera giving the keynote lecture. On the 15th there is an optional field trip to the Sierra Madre Occidental, along the Durango-Mazatlán Highway. Those interested in presenting contributed talks or posters should contact <herbario_ciidir@yahoo.com.mx> or <sgonzalez53@prodigy.net.mx> before 15 June. — For the organizing committee, Dr. Miguel Martínez Ramos, Presidente Sociedad Botánica de México, A.C. and Dra. Socorro González Elizond, Por el CIIDIR IPN Durango <sgonzalez53@prodigy.net.mx>.

52nd Annual Systematics Symposium, Missouri Botanical Garden, 7–9 October 2005

The topic of this year's Symposium is “Reconstructing Complex Evolutionary Histories: Gene-Species Trees, Historical Biogeography, and Coevolution.” Registration forms are available from our Web site <<http://www.mobot.org/MOBOT/research/symposium/welcome.shtml>>. For more information, please contact the Symposium Organizer: Mick Richardson, Missouri Botanical Garden, P.O. Box 299, St. Louis, MO 63166-0299, U.S.A. Voice: 314 577 5176; fax: 314 577 0820, e-mail <mick.richardson@mobot.org>. Registration fee is US \$75. Please visit our Web site for updates.

2006

AIBS 2006 Annual Meeting, 23–24 May 2006

The 2006 AIBS annual meeting has been scheduled for May 23–24, 2006, in Washington, DC. The working title is “Biodiversity: The Interplay of Science, Valuation, and Policy.” Plenary speakers, breakout sessions, and a poster session are planned. Please follow <www.aibs.org/annual-meeting> for updates and registration, when open. The annual meeting will be preceded, on May 22–23, by an AIBS business meeting for the general membership, combined with a meeting of the AIBS Council of member societies and organizations. For more information, see <<http://www.aibs.org/annual-meeting/>>.

International Symposium on the Taxonomy of *Tillandsia*, June 2006

This is a preliminary announcement of an Interna-

tional Symposium on the Taxonomy of *Tillandsia* that I am organizing, in collaboration with Harry Luther at the Bromeliad Identification Center, for the Bromeliad Society International. It will be held at the World Bromeliad Conference in San Diego California, in June 2006. I don't know, yet, how much travel, registration and hotel support I will be able to offer. I will be seeking grants to cover as much of these expenses as possible. For more information about the conference, follow this link < <http://www.bsi.org/> > and click on "San Diego 2006" under "Events." Please let me know if you are interested in taking part in this international symposium by making a presentation and participating in a round-table discussion of the current status and direction of taxonomic research for the traditional genus *Tillandsia*. My hope and expectation is that communication among workers will improve and stabilize the evolving new taxonomy for this difficult group. Please let me know if there are others who are not among the recipients of this email who should be notified. Since funding will be limited, those of you who have travel support from your institutions, please explore this possibility. We would like to include as many students as possible. Once I know how many participants we'll have and what funds are available, we will let you know what support we can give you. I look forward to hearing from you. Please respond to: Sue Sill at < sue.sill@sbcglobal.net > .

Botany 2006, 28 July–3 August 2006

The Botany 2006 meeting will be held in at Chico State University, Chico, California. Information will soon be available at < <http://www.botanyconference.org/Newsite/Botany2006/index.php> > .



NEW SERIALS AND NEWS ABOUT SERIALS

Flora of the Greater Antilles Newsletter

The Flora of the Greater Antilles Newsletter No. 20 (May 2005) was published the week of 16 May and is now posted at the following URL < <http://www.nybg.org/bsci/fga/> > . At that Web site, you can also find the previous 19 *FGA Newsletters* (1991 to 2002)

The "Bibliography of Caribbean Botany. 19" is included in the *FGA Newsletter No. 20*. We (with Martin Dubé) have added the two series that preceded that Bibliography from the journal *Moscosoa* (1982–1993) to the Web site in searchable format, so we now include all of the bibliographies in one location. The series from *Moscosoa* are: "Bibliografía de la flora y la vegetación de la Isla Española" (5 parts) and "Bibliografía botánica del Caribe" (4 parts). The Jardín Botánico Nacional "Dr. Rafael M. Moscoso," Santo Domingo, Dominican Republic, publisher of the journal *Moscosoa*, kindly gave permission for us to post

the bibliographies on the *FGA* Web site. — Thomas A. Zanoni, New York Botanical Garden < tzanoni@nybg.org > .



NEW BOOKS FOR REVIEW

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

Coastal Plants: Perth and the South-West Region, 2nd Edition by E. Rippey and B. Rowland. 2004. 276 pp. ISBN 1-920694-05-6. \$26.95 (pbk). University of Western Australia Press, Crawley, Western Australia 6009. < <http://www.uwapress.uwa.edu.au> >

Evolution by D. J. Futuyma. 2005. 603 pp. ISBN 0-87893-187-2. \$89.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407. < <http://www.sinauer.com> >

Flora of Australia Volume 44B: Poaceae 3 by K. Mallett (ed.). 2005. 504 pp. ISBN 0-643-06961-5. AU\$ 99.00 (pbk). CSIRO Publishing, PO Box 1139, Collingwood 3066, Victoria, Australia. < <http://www.publish.csiro.au> >

Flora of China Illustrations Volume 5: Ulmaceae through Basellaceae by W. Zhengyi, P. H. Raven and H. Deyuan (chairs of editorial committee). 2004. 377 pp. ISBN 1-930723-40-7. \$125.00 (hbk). Science Press, 16 Donghuangchenggen North Street, Beijing 100717, China and Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299. < <http://www.mbgpress.org/> >

Flora of China Illustrations Volume 9: Pittosporaceae through Connaraceae by W. Zhengyi, P. H. Raven and H. Deyuan (chairs of editorial committee). 2004. 205 pp. ISBN 1-930723-34-2. \$125.00 (hbk). Science Press, 16 Donghuangchenggen North Street, Beijing 100717, China and Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299. < <http://www.mbgpress.org/> >

Flora of China Volume 14: Apiaceae through Ericaceae by W. Zhengyi, P. H. Raven and H. Deyuan (chairs of editorial committee). 2005. 581 pp. ISBN 1-930723-41-5. \$115.00 (hbk). Science Press, 16 Donghuangchenggen North Street, Beijing 100717, China and Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299. < <http://www.mbgpress.org/> >

Flora Neotropica Monograph 94: Cecropia by C. C. Berg, P. Franco Roselli and D. W. Davidson. 2005. 236 pp. ISBN 0-89327-461-5. \$55.00 (hbk). New York Botanical Garden Press, 200th Street & Kazimiroff Boulevard, Bronx, NY

10458-5126. < <http://sciweb.nybg.org/science2/Press-Home.asp> >

Flora de la República de Cuba Fascículo 10: Capparaceae, Cleomaceae, Dilleniaceae, Goetzeaceae, Meliaceae, Mor-ingaceae, Myrsinaceae, Proteaceae, and Symplocaceae by various authors. 2005. 214 pp. ISBN 3-906166-30-9. [currency]49.00 (pbk). Koeltz Scientific Books, PO Box 1360, D-61453, Koenigstein, Germany; < <http://www.koeltz.com> > .

Junipers of the World: The Genus Juniperus by R. P. Adams. 2004. 275 pp. ISBN 1-41204250-X. \$39.95. Trafford Publishing, 6E-2333 Government Street, Victoria, BC V8T 4P4, Canada. < <http://www.trafford.com/> >

Manual de Plantas de Costa Rica Volumen 1: Introducción by B. E. Hammel, M. H. Grayum, C. Herrera, and N. Zamora (eds.). 2004. 299 pp. ISBN 1-930723-24-5. \$49.95 (hbk). Missouri Botanical Garden Press, 4344 Shaw Boulevard, St. Louis, MO 63110-2291. < <http://www.mbgpress.org/> >

Plant Life of Kentucky: An Illustrated Guide to the Vascular Flora by R. L. Jones. 2005. 845 pp. ISBN 0-8131-2331-3. \$75.00 (hbk). University Press of Kentucky, 663 South Limestone Street, Lexington, KY 40508-4008. < <http://www.kentuckypress.com/> >

Wildflowers and Grasses of Kansas: A Field Guide by M. J. Haddock. 2005. 374 pp. ISBN 0-7006-1370-6. \$19.95 (pbk). University Press of Kansas, 2501 West 15th Street, Lawrence, KS 66049-3905. < <http://www.kansaspress.ku.edu/> >



NEW WEB SITES

There are many links on other Web sites (start with <http://www.csdl.tamu.edu/FLORA/ftp/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.

Botanical Images Databases. An attempt to compile some scientifically oriented Web sites that contain numerous plant images is at < <http://www.science.siu.edu/plant-biology/Faculty/nickrent/BotImages.html> > . The Web sites are grouped into several categories: general, regional/geographic, and specific taxonomic groups. This is my individual compilation and obviously incomplete. If you would like your Web site included, or if you know of other useful sites not on the list, please send me the URL. — Dan Nickrent, Southern Illinois University, Carbondale < nickrent@plant.siu.edu > .

Flora of Puerto Rico and the Virgin Islands. This site presents in PDF format three important publications by Pedro Acevedo-Rodríguez on the Flora of Puerto Rico and the Virgin Islands, and the watercolor illustrations and specimens of Dr. Agustín Stahl (1842 – 1917), the earliest renowned Puerto Rican scientist. The URL is < <http://ravenel.si.edu/botany/PRFlora/index.html> > , e-mail: < acevedop@si.edu > .

CONN Data Available. We have databased and made available on-line over 50,000 specimens at the University of Connecticut, George Safford Torrey Herbarium (CONN). We have broken up certain groups (phycology, bryology, type specimens, etc.) into separate datasets due to a variety of different information being displayed (images, references, orders, etc). To access the site follow the below URL and click on the Virtual Herbarium link on the top menu < <http://collections2.eeb.uconn.edu/collections/herbarium/> > . We welcome comments on the data and are continuing to clean up some localities and older records. We currently have high resolution images for type specimens and are working on these for our phycology collections. We are more than happy to receive gifts / exchanges of specimens and can assure that they will also be processed swiftly and added to the database. All transactions are acknowledged on-line and links to institutions provided. Any queries about the data, database(s) or Web site are welcome off-list. — Andrew Doran (Collections Manager) and Don Les (Director).

Andes to Amazon Botany Program. We are an international, multidisciplinary team of scientists, students, and Peruvian locals working with the Botanical Research Institute of Texas (BRIT) and selected field and museum sites in Peru. We are studying interactions between organisms and their environment at multiple spatial scales in the Andes-Amazon region of southeastern Peru. Our plans and protocols are long-term and intensive, and we are implementing a biodiversity information system to manage our data. The Gordon and Betty Moore Foundation in San Francisco has awarded BRIT a \$2.3-million challenge grant for the Andes to Amazon Botany Program. This program has also received an award from the Stanley Smith Horticultural Trust. < <http://www.andesamazon.org/> > .

Oregon Plant Atlas. The Oregon Flora Project announces the launching of the Oregon Plant Atlas, the first comprehensive on-line mapping tool for Oregon plants. Over 385,000 data points representing 4,337 taxa are derived from the atlas specimen and observation databases, and virtually all information associated with each data point is accessible to the user by clicking on the dots. Information is continuously updated through the efforts of avid field workers and Oregon Flora Project staff. The Oregon Plant Atlas can be accessed through the Oregon Flora Project Web site at < <http://www.oregonflora.org> > . The atlas is partially funded by National Science Foundation grant BRC-0237459, and by donations from individuals and plant-oriented societies including the Native Plant Society of Oregon.

The WTU Image Collection. The University of Washington Herbarium (WTU) has recently developed a new Web site containing photographs, distribution maps, and descriptive information for Washington's vascular plant flora. The Web site currently contains 5,713 photographs of 1,183 species, which can be accessed by browsing lists of names, or by a basic random-access identification key provided for those species. We invite you to visit the site at < <http://biology.burke.washington.edu/herbarium/imagecollection.php> > . Also, please note that the main WTU Herbarium Web site has moved to a new location within the Burke Museum < <http://www.washington.edu/burkemuseum/collections/herbarium/index.php> > .

Other new additions to our Web site include:

- An updated (and faster) specimen search page that can be used to download specimen data to your computer.
- Create species lists for Washington covering any combination of counties you like, based on WTU's specimen holdings.
- View county-level distribution maps for Washington's plants, based on WTU's specimen holdings.
- *The Washington Carex Atlas* (prototype). — Ben Legler < blegler@u.washington.edu >

Handwriting Samples of Classical Botanists. The Conservatory and Botanic Garden of Geneva announces a fully interactive Web site containing samples of signatures, herbarium labels, and fragments of letters of important classical botanists < <http://www.cjb.unige.ch/bd/auxilium/> > . This tool, known as "Auxilium ad Botanicorum Graphicem," is the result of an effort initiated in 1972 by H.M. Burdet, former keeper of the Geneva Botanical Library. The site aims to represent an important resource for the identification of handwritten notes on herbarium specimens. A correct identification can establish the authenticity of type specimens and other material of historical and nomenclatural significance. Comments or recommendations about the use and content of the site are welcome and should be addressed to Patrick Perret, curator of the Geneva Botanical Library < patrick.perret@cjb.ville-ge.ch > .



ADDENDUM

American Philosophical Society, Research Programs: All information and forms for all of the Society's programs can be downloaded from our Web site, < <http://www.amphilsoc.org> > . Click on the "Fellowships and Research Grants" tab at the top of the homepage. Information about all programs: Awards are made for non-commercial research only. The Society makes no grants for academic study or classroom presentation, for travel to conferences, for nonscholarly projects, for assistance with translation, or for the preparation of materials for use by students. The Society does not pay overhead or indirect costs to any institution or costs of publication. 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. Requirements for each program vary. Grants and fellowships are taxable income, but the Society is not required to report payments. It is recommended that grant and fellowship recipients discuss their reporting obligations with their tax advisors. **Franklin Research Grants:** This is a program of small grants to scholars intended to support the cost of research leading to publication in all areas of knowledge. The Franklin program is particularly designed to help meet the cost of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies or equivalent research materials; the costs associated with fieldwork; or laboratory research expenses. Applicants are expected to have a doctorate, or to have published work of doctoral character and quality. Pre-doctoral graduate students are not eligible, but the Society is especially interested in supporting the work of young scholars who have recently received the doctorate. Awards are from \$1,000 to \$6,000. Deadlines: 1 October, 1 December; notification in February and April. **NEW! Lewis and Clark Fund for Exploration and Field Research:** The Lewis and Clark Fund encourages exploratory field studies for the collection of specimens and data and to provide the imaginative stimulus that accompanies direct observation. Applications are invited from disciplines with a large dependence on field studies, such as archeology, anthropology, astrobiology and space science, biology, ecology, geography, geology, and paleontology, but grants will not be restricted to these fields. Grants will be available to graduate students, post-doctoral students, and junior and senior scientists who wish to participate in field studies for their theses or for other purposes. Undergraduates are not eligible. Grants will depend on travel costs, but will ordinarily be in the range of several hundred dollars to about \$5,000. Deadline: 15 March; notification in June. Contact information: Questions concerning the Franklin and Lewis and Clark programs should be directed to Linda Musumeci, Research Administrator, at < lmusumeci@amphilsoc.org > or 215 440-3429.

