



ASPT

The American Society of Plant Taxonomists
ASPT NEWSLETTER

Volume 20 (1)

July 2006

Kenneth R. Robertson,
Editor, *ASPT Newsletter*
Illinois Natural History Survey
1816 South Oak Street
Champaign, Illinois 61820
Phone: 217 244-2171; fax: 217 333-4949;
e-mail: krrobert@uiuc.edu

Alan Whittmore,
Editor-in-Chief, *Systematic Botany*
United States National Arboretum
3501 New York Avenue, NE
Washington, D. C. 20002-1958
Phone: 202 245-4550
e-mail: whittema@ars.usda.gov

Richard J. Jensen
President, ASPT
Saint Mary's College
285 Science
Notre Dame, IN 46556
Phone: 574 284-4674; fax: 574 284-4716;
e-mail: rjensen@saintmarys.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

Linda Watson
Treasurer, ASPT
Department of Botany
Miami University
Oxford, OH 45056
Phone: 513 529-4200; fax: 513 529-4243;
e-mail: watsonle@muohio.edu

CONTENTS

ASPT News

| | |
|--|----|
| Establishment of Grady L. Webster Awards..... | 2 |
| Results of ASPT Election | 2 |
| Recipients of ASPT Graduate Research Grants for 2006..... | 2 |
| News From <i>Systematic Botany Monographs</i> | 2 |
| <i>In Memoriam</i> | 3 |
| People..... | 3 |
| Job Opportunities | 5 |
| Fellowships, Internships, Post-docs | 5 |
| News From Herbaria | 6 |
| News From Other Societies..... | 8 |
| Funding and Award Opportunities..... | 8 |
| Symposia and Meetings | 9 |
| New Serials and News About Serials | 10 |
| New Books for Review | 11 |
| Electronically Distributed Products..... | 11 |
| New Web Sites..... | 12 |
| Information on Services Available..... | 12 |

ASPT NEWS

ESTABLISHMENT OF GRADY L. WEBSTER AWARDS

The Grady L. Webster Awards are to be established in 2006 by Drs. Barbara D. Webster, BSA President (1983) and Susan V. Webster, to honor the work of their husband and father, Dr. Grady L. Webster. Dr. Webster was an ASPT President (1982), BSA President (1993), and recipient of both the ASPT Asa Gray Award (2006) and the BSA Merit Award (1997). The American Society of Plant Taxonomists and the Botanical Society of America are pleased to join in honoring Grady.

The Grady L. Webster Award will be a rotating award presented by ASPT and BSA in alternating years. The award will consist of two components, the Grady L. Webster Plant Systematics Publication Award and the Grady L. Webster Structural Botany Publication Award. The Societies will work together to inaugurate and administer the award. The award will be announced in the June, *Plant Science Bulletin*, in the *ASPT Newsletter* and at the respective Society banquets at the BOTANY 2006 conference. BSA will give the first Grady L. Webster award in 2007 at the BOTANY 2007 conference.

ASPT Component — Beginning in 2008, the American Society of Plant Taxonomists will present the Grady L. Webster Plant Systematics Publication Award for the best paper published in the most recent two volumes of *Systematic Botany*, the society's quarterly journal, or appearing as part of the ASPT *Systematic Botany Monographs* series. Candidate papers will be evaluated by the *Systematic Botany* and *Systematic Botany Monographs* editorial boards. The paper selected for the award will be that paper illustrating the most significant contribution consistent with Grady's own interests and focus in systematics. The first award will be made at the Botany 2008 meetings and will be selected from volumes 31 and 32 of *Systematic Botany* and those monographs appearing during 2006–2007.

RESULTS OF ASPT ELECTION

- President-elect — Paul Berry
- Council-member-at-large — Larry Hufford and Kathleen Pryer

RECIPIENTS OF ASPT GRADUATE RESEARCH GRANTS FOR 2006

The following students have been selected for designated ASPT Graduate Student Research Grants:

- **Erin Tripp**, "Systematics and pollinator transitions in the species-rich genus *Ruellia* (Acanthaceae);" Duke University, Paul S. Manos, advisor. \$1000 — William R. Anderson Graduate Student Research Grant
- **Ivalú Cacho**, "Systematics and biogeography of the *Pedilanthus* clade (Euphorbia–Euphorbiaceae);" University of Wisconsin-Madison; David Baum, advisor. \$1000 — Rogers McVaugh Graduate Student Research Grant
- **Joshua Clayton**, "Molecular phylogeny, systematics

and biogeography of Simaroubaceae s.s. (Sapindales);" University of Florida; Douglas Soltis, advisor. \$1000 — Shirley and Alan Graham Graduate Student Research Grant

The following students also have been selected for ASPT Graduate Student Research Grants:

- **Cynthia Skema**, "Systematics of *Dombeya* (Malvaceae s.l.);" Cornell University; Melissa Luckow, advisor (\$900)
- **Jess Peirson**, "Phylogeography and evolution of *Solidago* subsection *Humiles* based on cpDNA sequences and nuclear AFLP markers;" University of Michigan; A. A. Reznicek and Yin Long Qui, advisors (\$900)
- **Monica Carlsen**, "A revision of the sectional classification in *Anthurium* (Araceae) integrating morphology and molecular phylogenetics;" University of Missouri-St. Louis; Peter Stevens, advisor (\$900)
- **Joanne Birch**, "Lineage diversification within insular flora: the systematics of *Astelia* (Asteliaceae);" University of Hawaii-Manoa; Clifford W. Morden, advisor (\$900)
- **Felipe Zapata**, "Species limits, phylogenetic history and diversification in the genus *Escallonia* (Escalloniaceae);" University of Missouri-St. Louis; Peter Stevens, advisor (\$700)
- **Cynthia Frasier**, "Phylogeny, wood evolution, and biogeography of *Strychnos* (Loganiaceae) based on rDNA and cpDNA sequences;" Rutgers University; Lena Struwe, advisor (\$700)
- **Erica Yi-Hsin Tsai**, "The invasion and population dynamics of the parasitic plant, *Epifagus virginiana*;" Duke Univ.; Paul S. Manos (\$700)
- **Sheena Friend**, "Phylogeny and species/section evolution of *Arachis* (Fabaceae);" VA Polytech. Inst.; Khidir W. Hilu (\$700)
- **Rachel Schmidt**, "Phylogeny, character evolution and biogeography of *Puya* (Bromeliaceae);" Univ. WI-Madison; Kenneth J. Sytsma (\$700)
- **Clark Danderson**, "A taxonomic revision of Apiaceae tribe Apieae [= *Apium* clade]: phylogeny and biogeography based on nuclear and chloroplast DNA sequence data;" Univ. Illinois at Urbana-Champaign; Stephen R. Downie (\$700)
- **Marcela Martínez Millán**, "Reevaluating the early fossil record of Asteridae;" Cornell Univ.; William L. Crepet (\$700)

NEWS FROM SYSTEMATIC BOTANY MONOGRAPHS

Walter L. Meagher, who has so generously supported *Systematic Botany Monographs* since 1991, again donated \$1,000 for the publication of a future volume of *SBM*. Publication of volume 78 (summer 2006), a monograph of *Claytonia* (Portulacaceae) by John Miller and Kenton Chambers, is funded in part by Walter's previous donation. Academic publishing is a daunting venture; Walter's gifts have made it possible for the ASPT to keep *SBM* financially sound while publishing volumes in a timely manner at affordable prices.

New Volumes

- *Volume 76. Systematics of Baccharis (Compositae-*

Astereae) in *Bolivia*, Jochen Müller, 341 pp., hardbound, April 2006. ISBN 0-912861-76-2. US orders: \$48.00; non-US orders: \$53.00.

- *Volume 77. Monograph of Ourisia (Plantaginaceae)*, Heidi M. Meudt, 188 pp, color frontispiece, April 2006. ISBN 0-912861-77-0. US orders: \$25.00; non-US orders: \$27.00.

- *Volume 78. Systematics of Claytonia (Portulacaceae)*, John M. Miller and Kenton L. Chambers, 236 pp, color frontispiece, hardbound, 17 July 2006. ISBN 0-912861-78-9. US orders: \$40.00; non-US orders: \$45.00.

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> .



IN MEMORIAM

John W. Thieret, 1926–2005

Dr. John W. Thieret, Professor Emeritus of Botany at Northern Kentucky University (NKU), passed away unexpectedly on 7 December 2005. Many of his family, friends, former students, and fellow botanists gathered at NKU to celebrate his life on 26 January 2006.

John was born in Chicago on 1 August 1926. He received his B.S. (1950) and M.S. (1951) degrees from Utah State University where he studied botany under Dr. Arthur Holmgren. He returned from the west to his native Chicago for his Ph.D. studies, completing a Ph.D. in 1953 under Dr. Theodor Just. As we will see, his dissertation, entitled *Gross Morphology of the Seeds of the Scrophulariaceae and Classification of the Family*, reflected only a small portion of his passion for botany. Following graduation, he joined the staff of the Field Museum as Assistant Curator of Economic Botany, where he worked until 1961. He moved south to Lafayette, Louisiana, that year, taking a position as Associate Professor of Biology at the University of Southwestern Louisiana. In 1973, he joined the faculty at NKU as Professor of Botany and the first chair of the newly formed Biological Sciences Department. After seven years as chair, he continued as a professor in the department until his retirement in 1992.

John had a passion for several things — botany, editing, teaching students about these subjects, and NKU. He started the herbarium at NKU in 1973 to provide a resource for teaching and research about the plants he so dearly loved. The herbarium now includes about 35,000 specimens and occupies an excellent facility in the new Natural Science Center, which now bears his name. Many of the collections are from his many field expeditions across the U.S. and Canada; David Brandenburg noted to me that he had traveled over 65,000 miles with John while, and since, he was a student of John's. John was equally at home in forests, ponds, or railroad yards; his interest in weeds and searching for them enriched my

collaboration with John on southeastern Caryophyllaceae. Looking in his list of publications you will find papers and books about ferns, grasses, sedges, aquatic plants, trees, wildflowers, as well as floristic finds in Newfoundland, Northwest Territories, Louisiana, Kentucky, Ohio, and Pennsylvania.

The Flora of North America project benefited from his involvement both as author and taxon editor from the inception of the modern project in 1987. He edited the treatments of 40 families in the series and his name appears as author or co-author of 37 treatments in seven of the volumes, including nine treatments in the Caryophyllaceae (two additional ones in that family were penned by his students). He was working on several more contributions to the series at the time of his passing; a future volume will be dedicated to him in respect for his contributions.

While he was a prolific writer, he also loved to edit. Besides serving in various editorial capacities for *Sida*, *Economic Botany*, and the *Transactions of the Kentucky Academy of Science*, as well as editing Ron Jones' *Plant Life of Kentucky*, John also edited the NKU Academic Catalog well into retirement. He thought proper usage of the English language was important, and rather than just criticizing, he enjoyed teaching others about it.

John loved plants and teaching others, whether students or adults, about them. He was in his element in the classroom, the field, the herbarium, or the library. His legacy lives on in the students and colleagues who knew and loved him. — Richard K. Rabeler, University of Michigan.



PEOPLE

John L. Clark will join the University of Alabama as an Assistant Professor in the Department of Biological Sciences <<http://www.as.ua.edu/biology>> . He will also become the Curator and Director of the University of Alabama Herbarium, UNA <<http://bama.ua.edu/~bsc/herbarium/>> . John is currently a Research Associate in the Department of Botany at the Smithsonian Institution's U.S. National Museum of Natural History (US). He is also Postdoctoral Fellow working with Lynn Bohs (University of Utah) on the Systematics of *Solanum* sections *Nemorense* and *Aculeigerum* (Solanaceae). He received his Ph.D. from the George Washington University in 2005, with a dissertation on “Systematics of the Neotropical Plant Genera *Alloplectus* and *Glossoloma* (Gesneriaceae: Episcieae)”, under the mentorship of Laurence Skog and Patrick Herendeen. At the University of Alabama John will continue to conduct research on the systematics of Gesneriaceae, biodiversity of neotropical flora, as well as revisionary and floristic work of the Southeastern flora. Contact information: Department of Biological Sciences, Box 870345, The University of Alabama, Tuscaloosa, AL 35487-0345.

Steffi Ickert-Bond has joined the faculty of the University of Alaska Fairbanks as assistant professor of Botany in the Department of Arctic Biology and as curator of the University of Alaska Museum of the North Herbarium (ALA, < <http://www.uaf.edu/museum/herb/index.html> >). She has recently completed a Boyd Postdoctoral Fellowship at the Field Museum in Chicago, working with Jun Wen and Jenny McElwain on “Integrating biogeographic, phylogenetic and paleoclimatic relationships of the Altingiaceae.” She received her Ph.D. from Arizona State University in 2003, with a dissertation on “Systematics of New World *Ephedra* L. (Ephedraceae): Integrating morphology and molecules”, under the mentorship of Kathleen Pigg and Donald Pinkava. At UAF Steffi will continue her work on molecular systematics, phylogeny, biogeography and morphological evolution in Altingiaceae, *Ephedra*, and Araliaceae as well as revisionary and floristic work in the last botanical frontier. Contact info: University of Alaska Fairbanks, UA Museum of the North Herbarium, 907 Yukon Drive, Fairbanks, AK 99775, < <http://www.iab.uaf.edu/facstaff.php> > .

Ellen Dean will join the University of California, Davis Center for Plant Diversity (herbarium) on September 1, 2006 as Curator. Ellen held the position of Director and Curator of the Herbarium at UC Davis from 1995 until 2005 and oversaw the transition to its new name and new facilities in 2005. She will join a newly defined organizational structure for the Center that includes Dan Potter, Director and Jean Shepard, Collections Manager. Ellen works on the systematics of *Lycianthes* (Solanaceae). She spent the 2005-2006 year working for EDAW, an environmental consulting firm in Sacramento, California and will oversee training programs, curation, and outreach at the Center for Plant Diversity.

Jocelyn C. Hall has joined the faculty of the University of Alberta as an assistant professor in the Department of Biological Sciences. She has also become the Curator of the Vascular Plant Herbarium (ALTA). She was recently a Mercer Fellow of the Arnold Arboretum of Harvard University, working with Kathleen Donohue and Elena Kramer on fruit evolution in the Brassicaceae (Brassicaceae). She completed her Ph.D. in 2003 on the systematics and floral evolution of Capparaceae and relatives at the University of Wisconsin – Madison under the supervision of Ken Sytsma.

James Macklin has recently joined the Harvard University Herbaria staff as the new Director of Collections and Informatics. James spent the past five years as the Collection Manager for the Botany Department at the Academy of Natural Sciences in Philadelphia. He did his doctorate work on the systematics of *Crataegus* at the University of Western Ontario (Canada) and continues to do research in the Rosaceae. James brings with him a diverse expertise in collections management, as well as knowledge and enthusiasm for the burgeoning field of biodiversity informatics. His new contact information is: Harvard University Herbaria, 22 Divinity Avenue, Cambridge, MA 02138, USA; e-mail < jmacklin@oeb.harvard.edu > ; voice 617 456-1566; < <http://www.huh.harvard.edu/> > .

Alina Freire Fierro will join the staff of the Philadelphia Academy of Natural Sciences < <http://www.acnatsci.org/research/index.html> > as the Collections Manager of the PH Herbarium starting 7 August 2006. Alina has a master’s degree from Universidade de São Paulo (Brazil), another from University of Missouri-St. Louis, and a B. S. from Pontificia Universidad Catolica del Ecuador. Currently, she is a Research Specialist/Latin American Research Visitors Liaison at the Missouri Botanical Garden, and her research is focused in Neotropical Polygalaceae, in particular in *Monnina*, as well as in Ecuadorian Saxifragaceae s.l. Alina founded and administers the discussion group Anuncios Botánicos < <http://espanol.groups.yahoo.com/group/Anunciosbotanicos/> > , administers the website of the Ecuadorian Foundation of Botanists < <http://www.funbotanica.org> > and was the co-founder of the Web site for the Association for Latin American Botanists < <http://www.botanica-alb.org> > . Her new contact information is PH Herbarium, Department of Botany, Center for Systematic Biology and Evolution, Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103-1195 USA; and her Web site is < <http://www.neotropicos.net> > .

The Timothy C. Plowman Latin American Research Award has been awarded to **Edgardo Ortiz Valencia**. Edgardo is currently working on his biologist’s thesis research project, entitled “Diversity and Altitudinal Distribution of the Ericaceae in the Parque Nacional Yanachaga-Chemillén.” He is enrolled in the Universidad Nacional de San Agustín, Arequipa, Perú, and is focusing his research on Ericaceae of the Department of Pasco. In addition to 10 months of collecting in central Peru, Edgardo has also undertaken the writing of a program for a specimen database for the Arequipa Herbarium. While at the Field Museum, Edgardo plans to examine types and identify Peruvian Ericaceae. A visit to the Field Museum herbarium is particularly important, as the herbarium contains the greatest concentration (70 %) of type material in the Peruvian Ericaceae.

The New York Botanical Garden is pleased to announce that **Rodrigo Duno de Stefano**, of the Centro de Investigación Científica de Yucatán A. C. (CICY), is the recipient of the Rupert Barneby Award for the year 2006. He will be studying the family Leguminosae in the Yucatan Peninsula Biotic Province (YPBP), Mexico. With about 60 genera and more than 260 species there, the Leguminosae are one of the most important plant elements of the Yucatan region. This study will also contribute to a revision of four legume genera for the *Illustrated Flora of the Yucatan Peninsula* (G. Carnevali, general editor). See “Funding Opportunities” for information about the 2007 Barneby Award.

Noted biologist and ecologist **Dr. Arturo Gómez-Pompa** has been selected as the 2006 recipient of the highly regarded David Fairchild Medal for Plant Exploration. The award was presented at a black-tie dinner on 3 February at The Kampong of the National Tropical Botanical Garden in Coconut Grove, Florida. Dr. Gómez-Pompa’s lifetime of work in tropical ecology, the conservation, restoration, and management of tropical forests, ethno-

botany, and floristics made him a natural choice for the award. See url < <http://www.ntbg.org/news.php> > .



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.

Systematic Cryptogamist, National Herbarium of the Netherlands: The National Herbarium of the Netherlands (NHN) is an inter-university institute of the Universities of Leiden, Utrecht, and Wageningen. For the research group Phanerogams and Cryptogams of the Netherlands and Europe (PCNE, NHN-Leiden University branch), we invite applications for the position of a systematic cryptogamist (tenure track), Vacancy number: 6-128. The candidate should have a Ph.D. and subsequent experience in the alpha-taxonomy of one of the cryptogamic groups (algae, bryophytes, or fungi) including experience in field research, an excellent publication record, an extensive international network, and knowledge of herbarium curation. The candidate should have experience in phylogenetic analyses and integrating molecular data into traditional systematics. The establishment of an active research program and pursuit of external funding is part of the job requirements. A strong commitment to the teaching of undergraduate and graduate students is mandatory. The ability to speak Dutch or the willingness to learn Dutch is required. Further information about this position can be obtained from Dr. M. Noordeloos < Noordeloos@nhn.leidenuniv.nl > or Dr. S.G.A. Draisma < Draisma@nhn.leidenuniv.nl > . For general information on the Leiden branch of the NHN visit our Web site at < <http://www.nationaalherbarium.nl/> > . Applications, including motivation and specific research goals/targets, a CV, and the names and contact information of three references, should be sent before 30 June 2006 to: Mw. M. van Schoonhoven, Dienst Personeel & Organisatie, Faculteit der Wiskunde en Natuurwetenschappen, Postbus 9502, 2300 RA Leiden, The Netherlands, or electronically to < m.vanschoonhoven@science.leidenuniv.nl > and type the vacancy number in the subject line. [Posted 20 June 2006]

Living Plants Collections Manager: Montgomery Botanical Center (MBC) is a botanical research institution in Coral Gables, Florida, specializing in scientifically

documented, population-based plant collections, with an emphasis on palms and cycads. MBC’s rigorous standards in collections management have earned the respect of botanical institutions, researchers, and educators around the world. Please visit MBC on-line at < <http://www.montgomerybotanical.org> > for more information. MBC seeks an individual committed to conservation and study of tropical plants to lead the Collections Development Team. A master’s degree in botany or a related field with demonstrated experience in data stewardship is required. Experience in budgeting and supervision is desirable. Experience with BG-BASE, BG-Map, or other database, AutoCAD, or GIS software also desired. Experience or interest in palm or cycad biology a plus. Persons with experience in garden, arboretum, herbarium, or museum collections management and from botany, horticulture, natural history, or related backgrounds are encouraged to apply. Primary responsibilities include: maintain and advance MBC’s excellence in plant records, mapping, and data stewardship; supervise staff of data, mapping, and imaging specialists; work closely with staff botanists to develop and promote MBC’s collections; maintain excellent relations with visiting researchers, collaborators, and colleagues; and develop and pursue research projects based on MBC’s collections. To apply, please e-mail a letter of interest, a detailed résumé or CV, and contact information for three references to Patrick Griffith, Executive Director, at < grif@montgomerybotanical.org > . For full job announcement, please see < <http://www.montgomerybotanical.org/media/MBC.CM.pdf> > . Review of applications begins on 31 August 2006, and will continue until the position is filled. [Posted 13 June 2006]



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 the top of “Job Opportunities.”

Ph.D. student position in Evolutionary Developmental Plant Biology, Ohio University: A Ph.D. student position is available at the Department of Environmental and Plant Biology, Ohio University, to study the genetic control of early events in leaf development in the basal eudicot plant *Eschscholzia*. The project involves 1) cloning and characterization of relevant candidate gene families, 2) characterization of early stages of leaf development and associated gene expression patterns, and 3) the study of phenotypic effects of modulated expression using a transgenic approach and virus-induced gene silencing. Candidates for this position should have a strong interest in plant development and evolution, and demonstrable experience in some of the methods mentioned. The ability to work independently with self-motivation is essential. The student will join a new lab in a department with vibrant research in plant development, systematics, and evolution. Interested candidates should send a

cover letter, a *curriculum vitae*, a statement of research experience, and the names and contact information of at least two scientists available for reference. Please send your application and informal inquiries to Dr. Stefan Gleissberg <gleissbe@ohio.edu>. Review of applications will start 15 July 2006, and continue until the position is filled. Present Address: Institute of Systematic Botany, Johannes-Gutenberg-University Mainz, Bentzelweg 9a, 55099 Mainz, Germany. New Address (starting September 2006): Environmental and Plant Biology, Ohio University, Porter Hall, Athens, OH 45701 USA.



NEWS FROM HERBARIA

California Herbaria Open During Botany 2006 Meetings

For information about all herbaria in the Consortium of California Herbaria, see <<http://ucjeps.berkeley.edu/consortium/about.html>>.

UC and JEPS—The staff at the **University and Jepson Herbaria at the University of California, Berkeley**, would like to invite you to visit and use the collection before or after Botany 2006 at Chico. In addition to our regular 8:00–5:00 hours on business days, we will open specially on Saturday, 29 July (10:00–4:00) to accommodate Botany 2006 travelers. Other arrangements to visit during non-business hours can be made by contacting Andrew Doran <andrewdoran@berkeley.edu> or calling 510 642-2465. For more information, see <<http://ucjeps.berkeley.edu/uc/>>. Authors contributing to the second edition of *The Jepson Manual* are especially encouraged to visit and meet the editorial staff.

UCD—The **UC Davis Herbarium** is north of Berkeley and also on the way to Chico from the San Francisco Bay Area. For information, see <<http://herbarium.ucdavis.edu>>.

CHSC—The **Herbarium at California State University, Chico** will have extended hours during the meeting see <<http://www.csuchico.edu/biol/Herb/>>.

CAS—For all of you attending the Botany 2006 meeting in Chico, the CAS Herbarium can be open and available for visits on Saturdays both before and after the meetings. We could also arrange to be here later in the evenings a few days before or after if anyone is interested. During the regular work week, someone is here by 7:00 a.m. if you like getting an early start, and we normally close at 4:30. So if anyone is interested in later evenings or Saturdays, please e-mail Debra Trock <dtrock@calacademy.org> so that we can plan to be here. A reminder—we are not in Golden Gate Park at this time (but the collections are fully accessible); the Academy is temporarily located at 875 Howard Street in downtown San Francisco. We are only two blocks from the Powell Street BART station, and there are several bus routes nearby. Street parking is

generally not available. Nearby garages and lots are fairly convenient, but can be a bit pricey.

Utah Valley State College Herbarium On-line

Utah Valley State College is pleased to announce our on-line herbarium at <<http://herbarium.uvsc.edu>>. While our collection is still relatively small (11,400 accessions +), we think we've developed a nice tool for studying the specimen sheets and species distribution information. Our collection specializes in the plants of Utah with an emphasis on remote and poorly collected areas in the state. We also have some specimens from surrounding states in the intermountain area as well as some collections from arctic and subarctic Canada, Alaska, and Greenland. We have had the good fortune of having an energetic and creative Web programmer (Bruce Wilson) working on the project. The data analysis tools he has developed include: 1) zoomable, high-resolution sheet images with accurate rulers, up to 10x actual size. (To date we have imaged 62% of the collection and our goal is to image the entire collection within the next 18 months—one of the advantages of a small collection!). 2) Easy-to-use search engine by general keyword or combinations of specific keywords. 3) Easily selectable information on the search return page: family, name, collectors, ecology, locale, geography and climate. 4) Climate information for all accessions with position information (monthly temperatures and precipitation). 5) Specimen details page with full label info, thumbnail images of additional accessions of the taxon, a list of nearby accessions and geographic landforms, and a visitor comment area. 6) GIS distribution data and limited statistical analysis: Utah county distributions; altitude distribution and averages; temperature & precipitation distributions with monthly averages, annual histogram, and annual average; dates of first freeze and last thaw maps and histograms; and plant community and land use maps and histograms. 7) Ecological niche predictions (BIOCLIM) based on any search results, along with occurrence predictions based on the extrapolated climate in 2050.

Nebraska Herbarium (NEB) Still Alive

Persistent rumors notwithstanding, the University of Nebraska's Charles Bessey Herbarium (NEB) in Lincoln is alive and well. The herbarium, founded in 1871, has more than 300,000 specimens, mostly from the Great Plains and Rocky Mountains but with substantial holdings from elsewhere. We add thousands every year. Some budgetary cuts and realignments of personnel in the State Museum of Natural History, of which the herbarium is part, produced rumors of our demise, but our activities are not unduly affected. Our book, *Flora of Nebraska*, about 1,000 pages, will be out later this year. For more information, contact: Robert B. Kaul, Bessey Herbarium, Museum Research Collections, W436 Nebraska Hall, University of Nebraska-Lincoln, Lincoln, NE 68588-0514 USA; voice: 402 472-1607; e-mail: <besseyherbarium2@unl.edu>.

Indiana Herbaria News

Indiana botanists want you to know that we are alive and well and solicit your requests for loans and information. We have been dismayed to see, among other things, our state skipped in distribution maps in *Flora of North America* volumes for many species well-known and documented to grow here. Contact information and brief descriptions of the holdings of six herbaria in the state follow below.

- **Ball State University Herbarium** (BSUH), Biology Department, Ball State University, Muncie, IN 47306; 765 285-8820; Co-curators: Dr. Kemuel Badger <kbadger@bsu.edu> and Dr. Don Ruch <druch@bsu.edu> .
- **Friesner Herbarium**, Butler University (BUT), 4600 Sunset Avenue, Indianapolis, IN 46208; Dr. Rebecca Dolan, Director, 317 940-9413; <rdolan@butler.edu>; Curator of sedges: Dr. Paul Rothrock <plrothroc@taylor.edu>; Web page: <<http://www.butler.edu/herbarium>> .
- **Indiana University Southeast Herbarium** (JEF), 4201 Grant Line Road, New Albany, IN 47150-6405; Dr. David W. Taylor, Curator, 812 941-2477, <dwtaylor2@ius.edu>; Dr. Richard H. Maxwell, Staff, Emeritus Professor of Biology; <rmaxwell@ius.edu>; Web page <<http://www.ius.edu/biology/herbarium/homepage.stm>>, has a database of specimens that is searchable.
- **Deam Herbarium**, Indiana University (IND), Smith Research Center, Room 130C, 2805 East 10th Street, Indiana University, Bloomington, IN 47408; Dr. Eric Knox, Director, 812 855-2549; <eknox@bio.indiana.edu>; Web page <<http://www.bio.indiana.edu:16080/resources/herbarium/index.html>> .
- **Greene-Nieuwland Herbarium** (ND/NDG), University of Notre Dame, Department of Biological Sciences, Notre Dame, IN 46556-0369; Dr. Richard J. Jensen, Director, <rjensen@saintmarys.edu>; Barbara J. Hellenthal, Curator, 574 631-6684, <barbara.j.hellenthal.2@nd.edu> . NOTE: The Notre Dame herbarium is preparing to move into new quarters, a process that will span the summer. No more outgoing loans or other herbarium requests can be processed until some time in the fall of 2006.
- **Purdue University — Arthur Herbarium** (PUR) and **Kriebel Herbarium** (PUL). Department of Botany and Plant Pathology, Purdue University, 915 West State Street, West Lafayette, IN 47907-2054, Dr. Gregory Shaner, Interim Director, voice: 765 494-4651, fax: 765 494-0363, <shanerg@purdue.edu>; Web page <<http://www.btny.purdue.edu/Herbaria>> . The Arthur Herbarium (PUR) is a collection of plant rust fungi and the Kriebel Herbarium (PUL) is a collection of vascular plants bryophytes, algae, and non-rust fungi.

University of Guam Herbarium (GUAM) Now Online

The University of Guam Herbarium (GUAM) has a Web site at <<http://www.uog.edu/herbarium/>> . The University of Guam Herbarium specializes in research on the insular floras of Guam, the northern Mariana Islands, and Micronesia, a region in the western tropical Pacific of over 2000 islands in an area the size of the continental

United States. The herbarium has extensive collections of phanerogams and benthic algae from throughout this region. Important collections include those of P.H. Moore, A.F. Rinehart, B.C. Stone and R.T. Tsuda. The Herbarium contains nearly 53,000 specimens (with 43,000 phanerogams and pteridophytes). We currently seek inquiries for exchange of specimens. For more information, contact Dr. Lynn Raulerson, Professor of Biology and Curator of the Herbarium, Division of Natural Sciences, University of Guam, Mangilao GU 96923 USA; voice: 671 735-2791/734-6416; fax: 671 734-1299/4582; e-mail: <lrauler@uog9.uog.edu> .

Information about MPU in France

The herbarium (MPU) in the botanical institute of the University Montpellier II in France is a large herbarium, containing about 4 million specimens (including cryptogams) on more than 5 kilometers of metal shelves in a six-story building. The herbarium was probably started about 1530–1550 by Rondelet, but none of these collections seem to have survived. Some specimens in our general herbarium are attributed to Pierre Richer de Bellevall (1564–1632), but most of our collections are later. Most specimens date from the second half of the 18th, the 19th, and the 20th centuries. As can be expected, numerous specimens are from Europe and the Mediterranean region, with other historical and recent collections from North America, Latin America, Greenland, Africa, Asia, Australia, and Oceania. Since 2004, MPU has been imaging type specimens for the African Plants Initiative thanks to the Andrew W. Mellon Foundation. Please see our entry in the electronic Index Herbariorum at <<http://207.156.243.8/emu/ih/herbarium.php?irn=126555>> , which includes a list of significant collectors.

Of special interest to some members of ASPT are the collections from North America with specimens by A. Michaux, Frazer, Hingston, Villars, and Delile. From Latin America we have extensive collections from Mexico to Chile and from the last three centuries of very early expeditions as well as collections taken during the century of “plant-hunters.” We also have plants from recent research expeditions. For more information, contact Peter A. Schäfer, Acting Curator, <pasch@isem.univ-montp2.fr>, Herbar, Institut de Botanique, Université Montpellier II, 163 rue Auguste-Broussonet, F-34090 Montpellier, France.

Addition to Consortium of California Herbaria

The Consortium of California Herbaria Web interface now includes data from the Carl W. Sharsmith Herbarium (SJSU) at San Jose State University, along with records from RSA-POM, JEPS, UC, UCR, IRVC, SBBG, UCSB, DAV, CHSC, and UCSC. Records from DAV, UCR, and SBBG have been updated and augmented. There are currently 710,000 specimen records available. The Consortium homepage is at <http://ucjeps.berkeley.edu/chc_open.html> and the records are also available through the Jepson Interchange at <<http://ucjeps.berkeley.edu/interchange/>> .

40th Anniversary for CUVC

On 12 December 2005, the Herbario CUVC of the Universidad del Valle in Cali, Colombia, celebrated its 40th anniversary. It was founded in 1965 by the Colombian ecologist Luis Sigifredo Espinal-Tascon. The ceremony included a large cake with 40 candles; the herbarium was named in honor of its founder. For more information, contact: Philip A. Silverstone-Sopkin, Director, Herbario (CUVC), Departamento de Biología, Universidad del Valle, A.A. 25360, Cali (Valle), Colombia; < pasilverstone_sopkin@yahoo.com > .

Herbarium Bogoriense (BO) Moving

I would like to inform you that the Herbarium Bogoriense (BO) is going to move from Bogor to Cibinong, Indonesia, about 30 km away in the direction of Jakarta (capital of the country). The new building is underway and expected to be finished by June. It will take three months to get the rooms stable in temperature and humidity in the new building. So we expect to move in October 2006. Because of that, we will close our loan services by March 2006 (the latest sending), and we will close for visitors and identification services by June 2006. Also, we need to reorganize the specimens before moving and then organize again after the move is completed. We expect to reopen about June 2007. The Herbarium Bogoriense has about 1.5 million herbarium specimens and about 44,000 wet collections. For more information, please contact Elizabeth A. Widjaja, Herbarium Bogoriense, Jl.Ir. H. Juanda 22, Bogor 16122, Indonesia; voice + 62-251-322035; fax: + 62-251-336538; < herbogor@indo.net.id > .



NEWS FROM OTHER SOCIETIES

Please Participate in AIBS Salary Survey

The American Institute of Biological Sciences is pleased to be working once more with the survey company, Abbott, Langer & Associates, Inc., to conduct an annual survey of compensation in the biological/life sciences for individuals working full-time in the United States. Additional organizations participating in this year's survey are The Scientist and the American Society for Biochemistry & Molecular Biology. As an additional benefit for participating in this survey, you will receive highlights from the survey findings by e-mail. All biologists are encouraged to participate. The pooled individual membership of AIBS's member societies and organizations is nearly 250,000 biologists—together, we can generate a full and complete compilation of information across the biological sciences. The survey is not able to process information from individuals who are full-time students, unemployed, working part-time, on active duty in the Armed Forces, retired, or are working in countries other than the United States. The Survey runs until Friday, **14 July 2006**. Log on at < <https://www.abbottlanger.com/survey/life-science2006/?aibs> > .



FUNDING AND AWARD OPPORTUNITIES

Grants from the American Philosophical Society:

The American Philosophical Society *encourages botanists* to apply for the Franklin and Lewis and Clark grants. Postdocs through senior scientists are urged to apply to the Franklin program, which is seeking to increase the number of applications received from botanists. For the coming year, the Lewis and Clark Fund, which grants the majority of its awards in botany, will be restricted to doctoral students. We have revised the “Fellowships and Research Grants” section of our Web site < <http://www.amphilsoc.org/> > for 2007. We plan to add an “FAQs” section for each program and will announce any changes to programs at our Web site, so we invite you to check the “About the Fellowships and Research Grants” section periodically. **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. **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, linguistics, and paleontology, but grants will not be restricted to these fields. **Sabbatical Fellowships:** Sabbatical Fellowship applicants should have received the Ph.D. no earlier than 1999 and no later than 1986. The last financially supported leave should not have been subsequent to 1 September 2004. Writing samples are mandatory. Questions concerning the Franklin, Lewis and Clark, and Sabbatical programs should be directed to Linda Musumeci, Research Administrator, at < lmusumeci@amphilsoc.org > or 215 440-3429.

Arthur Hoyt Scott Medal and Award, Scott Arboretum of Swarthmore College:

This medal and award are designed to be given annually to an individual, organization, or corporate body who, in the opinion of the Selection Committee, has made an outstanding national contribution to the science and the art of gardening. As specified with the original gift fund, the purpose of the award is “to promote a greater love of nature, make the nation more conscious of the beauty of the outdoors, develop a greater knowledge and love of plants and flowers, spread the gospel of better planting and designing, and arouse a wider interest in better planting and more beautiful gardens among all citizens.” For more information, see < <http://www.scottarboretum.org/pages/medal.html> > .

Cuatrecasas Award: The Smithsonian Institution's Department of Botany announces the Cuatrecasas Award. This annual competition will usually result in 1–2 awards, each one not to exceed \$3000 (US). The award

is to support work in the spirit of the research of the late Dr. José Cuatrecasas, a long time associate of the U.S. National Herbarium. Priority will be given to scientists from Latin America or from elsewhere who work on tropical plants. Funds are to be used to study specimens housed in the U.S. National Herbarium. Anyone interested in applying for the award should submit their *curriculum vitae*, a proposal, and two letters of support; it is suggested, but not required, that one of the letters be from a scientist at the Smithsonian. Proposals should not exceed two pages in length and should include the following: Name & address of applicant, date submitted, specific objective of trip, overall research project, date of trip, and budget. Complete applications should be sent via e-mail, fax, or airmail to Dr. V. A. Funk at the address listed below. E-mail is preferred and you should receive a reply confirming that we have received your application. Applications should arrive no later than 1 June 2006 and applicants will be notified of the committee decision no later than 1 July. Anyone wishing to make a contribution to the José Cuatrecasas Award Fund should send a check to the Chairman, Department of Botany, using the address listed below. V. A. Funk, Department of Botany, Smithsonian Institution, P.O. Box 37012, NMNH MRC 166, Washington DC 20013-7012 USA; fax: 202 786-2563; e-mail: <funkv@si.edu> .

AAAS Awards: AAAS has several award opportunities that may be of interest to members of ASPT, including the Award for Public Understanding of Science and Technology and the Philip Hauge Abelson Award. See the AAAS Web site for further details <<http://www.aaas.org/aboutaaas/awards>> .

2006 Elizabeth E. Bascom Fellowships in Botany for Latin American Women: The Missouri Botanical Garden announces the eighth 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. The deadline will be 1 July 2006. All interested applicants should visit <<http://www.mobot.org/MOBOT/Research/bascom/bascom.shtml>> to obtain a list of application materials, or contact Alina Freire-Fierro, e-mail <alina.freire-fierro@mobot.org> , P.O. Box 299, St. Louis, MO 63166-0299, USA; voice: 314 577-9535; fax: 314 577-0830.

2007 Rupert Barneby Award: The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2007. The award of US\$ 1,000.00 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 two or three referees. Travel to the NYBG should be planned for sometime in the year 2007. 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 2006. Announcement of the recipient will be made by 15 December 2006.

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.



SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2006

2nd Meeting of the International Society for Phylogenetic Nomenclature, Yale University, 28 June–2 July 2006

The Second Meeting of the International Society for Phylogenetic Nomenclature will be held in New Haven, Connecticut, at Yale University, from 28 June to 2 July 2006. This meeting is an opportunity to discuss topics that pertain directly or indirectly to phylogenetic nomenclature in general and the PhyloCode in particular. In addition to providing a forum to contribute oral and poster presentations, this meeting will also include three symposia with a number of invited guest speakers. Please go to <<http://www.phylocode.org>> and download the meeting Second Circular. Three symposia will be held — 1) Species Symposium, 2) Implementing Phylogenetic Nomenclature, and 3) Phyloinformatics Symposium; details are in the Second Circular mentioned above. Contact Nico Cellinese (logistics and general information) or Walter Joyce (program); Yale Peabody Museum; 170 Whitney Avenue; PO Box 208118; New Haven, Connecticut 06511 USA. <nico.cellinese@yale.edu> or <walter.joyce@yale.edu> .

The International Compositae Alliance, 3–10 July 2006

A symposium entitled “Systematics and Evolution of the Compositae” will be held in Barcelona, Spain. The venue will be the new Botanic Institute of Barcelona, located on the grounds of the Botanic Garden of Barcelona. The Botanic Institute is situated in Montjuïc Park, a large hill near the centre of Barcelona with a panoramic view of the city. There will be four days of invited and contributed papers, followed by a post-congress botanical field trip to the Pyrenees. For more information, see <<http://www.institutbotanic.bcn.es/compositae2006/index.htm>> .

Botany 2006, 28 July–3 August 2006

The Botany 2006 meeting will be held in at Chico State University, Chico, California. Information is available at < <http://www.2006.botanyconference.org/> >. The overall topic of this meeting is “Looking to the Future—Conserving the Past.”

Third International Rubiaceae Conference, 18–21 September 2006

More than a decade after the last international Rubiaceae conference, Rubiaceae and Gentianales researchers are invited to report on their research during a four-day international conference. All botanical disciplines are welcomed. The proceedings will be published as a special volume of the *Annals of the Missouri Botanical Garden*. The conference is hosted by the K.U.Leuven with the support of the National Botanic Garden of Belgium. Further information is available at the conference Web site < http://www.kuleuven.ac.be/bio/sys/rubiaceae_conference/index.html > .

53rd Annual Systematics Symposium, Missouri Botanical Garden, 13–14 October 2006

The topic of this year’s symposium is “The Impact of Peter Raven on Evolutionary and Biodiversity Issues in the 20th and 21st Centuries.” Speakers include:

- **Diane Campbell:** Pollinator Shifts, Pollinator Losses, and Floral Evolution
- **Paul Ehrlich:** Saving the World (after dinner)
- **Ulrich Mueller:** Coevolutionary Principles of Insect Fungiculture: Lessons for Human Agriculture?
- **Stephen O’Brien:** The Moving Landscape of Comparative Genomics in Mammals
- **Christopher Pires:** Polyploidy and Chromosomal Evolution
- **Cristián Samper:** A Raven’s Garden: Building Capacity for Plant Research and Conservation
- **Barbara Schaal:** Differentiation of Populations: Gene Flow Redux
- **Jun Wen:** Evolution of Major Patterns of Plant Disjunctions.

Please see the Symposium’s Web site < <http://www.mobot.org/MOBOT/research/symposium/register2006.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 \$75 USD. Please visit our Web site for updates.

2007

Flora Malesiana VII, 17–22 June 2007

The seventh Flora Malesiana Symposium will be hosted in Leiden, The Netherlands, by the Leiden branch of the Nationaal Herbarium Nederland. Please consult the Web

site for up-to-date information on the program, schedule, and the registration procedure < <http://www.nationaal-herbarium.nl/FMVII/> > .



NEW SERIALS AND NEWS ABOUT SERIALS

Contributions from the United States National Herbarium Now Available On-line

The *Contributions from the United States National Herbarium* (*Contr. U.S. Natl. Herb.*) is an externally peer-reviewed periodical published by the Department of Botany, Smithsonian Institution, at irregular intervals. The series was discontinued after volume 38, 1974, and has been revived with volume 39, 2000. PDF files of the most recent issues (vol. 49–present) of the *Contr. U.S. Natl. Herb.* are available on-line at < <http://www.nmnh.si.edu/botany/pubs/CUSNH/ContList.htm> > . While supplies last, you may request a copy of any of the modern series (vol. 39–present) free of charge. If you have any questions regarding availability of past issues or the exchange program, please write to CUSNH, Department of Botany, MRC 166, National Museum of Natural History, Smithsonian Institution, Washington, DC, 20013-7012, USA, < CUSNH@si.edu > . If you have any questions about manuscript submission or comments on previous volumes, please contact the editor of *Contr. U.S. Natl. Herb.*, Paul M. Peterson < peterston@si.edu > .

Smithsonian Contributions to Botany Now Available On-line

The Smithsonian Institution Libraries have finished the work digitizing the complete *Smithsonian Contributions to Botany*. The direct url is < <http://www.sil.si.edu/smithsoniancontributions/Botany/> > . Volumes 1–91 are each available as single “large file” pdfs or “small file” pdfs. There is a link from each to the SIRIS library catalog. You can navigate the series via title, volume number, or issue date. You can select an individual volume, search for a title, or search for an author. This is all part of a bigger, ongoing effort to digitize all SI publication series. The Web site for the entire project is < <http://www.sil.si.edu/smithsoniancontributions/> > . Even though only the botany series is listed at this point, authors and titles are searchable for all SI series. This provides useful lists of each SI scientific publication. — V. A. Funk, Senior Scientist and Curator US National Herbarium, NMNH-Botany, Smithsonian Institution MRC 166, Box 37012, Washington, DC 20013-7012; voice: 202-633-0950, < funkv@si.edu > ; < <http://www.mnh.si.edu/biodiversity/bdg> > .
***Acta Botanica Mexicana* Now Available On-line**

The complete text for the numbers of *Acta Botanica Mexicana* published between 1993 (no. 21) and the present (no. 74) are now on-line. Tables of contents are also

available from 1988 (no. 1) to 1992 (no. 20). The URL is < <http://www.ecologia.edu.mx/publicaciones/ABM.CONTENTIDOS.htm> > .



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 > .

Blumea Supplement 18: Plant Diversity After Rain-Forest Fires in Borneo by K. Eichhorn. 2006. 140 pp. ISBN 90-71236-00-5. €0.00 (pbk). National Herbarium Nederland, Publications Department, PO Box 9514, 2300 RA Leiden, The Netherlands; < <http://www.nationaalherbarium.nl/#Serials> > .

Cien Plantas Silvestres del Páramo: Parque Nacional Cajas, Azuay, Ecuador by C. Ulloa Ulloa, S. Álvarez Molina, P. M. Jørgensen and D. Minga. 2004. 100 pp. ISBN 9978-43-573-5. \$16.95 (pbk). Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299; < <http://www.mobot.org> > .

Evolutionary Ecology of Plant Reproductive Strategies by T. de Jong and P. Klinkhamer. 2005. 333 pp. ISBN 0-521-52894-1. \$60.00 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211; < <http://www.cambridge.org> > .

Flora Neotropica Monograph 96: Droseraceae by M.D. Correa and T.R. Dos Santos Silva. 2005. 65 pp. ISBN 0-89327-463-1. \$15.50 (pbk). New York Botanical Garden Press, 200th Street & Kazimiroff Boulevard, Bronx, NY 10458-5126; < <http://sciweb.nybg.org/science2/Press-Home.asp> > .

Flora of the Venezuelan Guayana Volume 9, Rutaceae – Zygophyllaceae by J.A. Steyermark, P.E. Berry, K. Yatskievych and B.K. Holst (eds.). 2005. 608 pp. ISBN 1-930723-47-4. \$85.00 (hbk). Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299; < <http://www.mobot.org> > .

Flowers: How They Changed the World by W.C. Burger. 2006. 337 pp. ISBN-10: 1-59102-407-2. \$23.00 (hbk). Prometheus Books, 59 John Glenn Drive, Amherst, NY 14228-2197; < <http://www.prometheusbooks.com> > .

An Introduction to Plant Structure and Development by C. B. Beck. 2005. 431 pp. ISBN 0-521-83740-5. \$55.00 (hbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211; < <http://www.cambridge.org> > .

The Nature of Plants: Habitats, Challenges, and Adaptations by J. Dawson and R. Lucas. 2005. 314 pp. ISBN 0-88192-675-2. \$39.95 (hbk). Timber Press, 133 SW 2nd Avenue, Suite 450, Portland, OR 97204; < <http://www.timberpress.com> > .

Stapeliads of Southern Africa and Madagascar by P.V. Bruyns. 2005. ISBN 1-919766-37-5 & 1-919766-38-3 (2 vols.). 605 pp. R1500. Umdaus Press, PO Box 11059, Hatfield 0028, South Africa; < <http://www.succulents.net> > .

Taxonomy and Plant Conservation by E. Leadley and S. Jury (eds.). 2006. 343 pp. ISBN 0-521-60720-5. \$60.00 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211; < <http://www.cambridge.org> > .

A Tour of the Flowering Plants Based on the Classification System of the Angiosperm Phylogeny Group by P. Spears. 2006. 308 pp. + CD-ROM. ISBN 1-930723-48-2. \$49.00 (pbk). Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299; < <http://www.mobot.org> > .

A Tropical Garden Flora: Plants Cultivated in the Hawaiian Islands and Other Tropical Places by G.W. Staples and D.R. Herbst. 2005. 918 pp. ISBN 1-58178-039-7. \$59.95. Bishop Museum Press, 1525 Bernice Street, Honolulu, HA 96817-2704; < <http://www.bishopmuseum.org> > .

Yuuga: Contemporary Botanical Watercolors from Japan by J.J. White and L.B. Bruno. 2006. 60 pp. ISBN 0-913196-81-9. \$13.00 (pbk). Hunt Institute for Botanical Documentation, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890; < <http://huntbot.andrew.cmu.edu/> > .



ELECTRONICALLY DISTRIBUTED PRODUCTS

Notung 2.1

Notung 2.1 is a software tool that offers a unified framework for incorporating macroevolutionary information into phylogenetic tasks, including:

- reconciling a gene tree with a species tree and estimating upper and lower bounds on the time of duplication;
- rooting unrooted trees using duplication and loss events;
- rearranging rooted gene trees in areas of weak sequence support to minimize the number of duplications and losses. Rearrangement can be used to incorporate macroevolutionary information in gene tree reconstruction and/or to refine unresolved nodes in a non-binary gene tree.

These operations can be carried out via a graphical user interface that facilitates exploratory data analysis. Notung 2.1 can also run from the command line, enabling the user to analyze a large number of gene trees automatically. Notung's graphical user interface supports exploratory data analysis of very large trees and rapid review of a large number of alternate hypotheses. Notung also provides a command-line interface for automated analysis of many trees in high-throughput genomic studies. Notung is freely available and runs on Mac OS X, Windows, and Linux. The distribution includes the Notung executable, a manual in PDF format with worked examples, sample

gene and species trees, and sample scripts for automated analysis of trees. For more information, see < <http://www.cs.cmu.edu/~durand/Notung/> > .



NEW WEB SITES

Interactive Key to *Carex* of North America. This is an interactive key to 471 of the 480 species of *Carex* found in North America north of Mexico. The key requires Intkey, a free program for personal computers running MS-Windows 95/NT or later. The url is < <http://utc.usu.edu/keys/Carex/Carex.html> > .

Kew Launches “World Checklist of Selected Plant Families” Web Site. Target 1 of the Global Strategy for Plant Conservation adopted by the Convention on Biological Diversity is to create “a widely accessible working list of known plant species.” As part of this global effort, the Royal Botanic Gardens, Kew, launched a new Web site in February entitled the “World Checklist of Selected Plant Families” < <http://www.kew.org/wcsp/> > . It contains global checklists on 106 plant families, providing name, place of publication, global distribution, and life form. Apart from the usual search options, the report generator offers the opportunity to create an individual synonymised checklist for any family, genus, or geographical area as well as combinations of these. More families will be added as they are completed, several of which are now being compiled outside Kew. If you use the Web site for your research, please don’t forget to cite us.

gigantopteroid.org The site is designed as a learning tool for students, teachers, and research specialists in the fields of paleobotany and vascular plant systematics to facilitate scientific research and stimulate serious discussion on the origin of flowering plants in the late Paleozoic and early Mesozoic eras; specifically the mountain chains, deserts, and riparian and aquatic environments of the Permian and Triassic of Pangaea. The url is < <http://www.gigantopteroid.org/> > . For more information, contact John Miller < claytonia@sbcglobal.net > .

New at California Herbaria Web Site. The Consortium of California Herbaria Web interface now includes data from the Rancho Santa Ana Botanic Garden (RSA) specimen database along with records from JEPS, UC, UCR, IRVC, SBBG, UCSB, DAV, CHSC, and UCSC. There are currently nearly 650,000 records available. The Consortium homepage is at < http://ucjeps.berkeley.edu/chc_open.html > . The records are also available through the Jepson Interchange at < <http://ucjeps.berkeley.edu/interchange/> > . — Richard Moe < rlmoe@uclink4.berkeley.edu > .

Information From Smithsonian Institution Libraries. The Smithsonian Institution Libraries have finished the work digitizing the complete *Smithsonian Contributions to Botany*. See entry above under “New Serials and News About Serials.” Also available from the Smithson-

ian Institution Libraries is the full text for the scientific volumes from the U.S. Exploring Expedition, 1838–1842, under the command of Charles Wilkes. < <http://www.sil.si.edu/DigitalCollections/usexex/follow-01.htm> > .



INFORMATION ON SERVICES AVAILABLE

NOTE: The following listing on services offered for a fee is included solely to provide information that might be of interest to members of ASPT. Inclusion here does not imply any endorsement or approval by ASPT.

Botanical Translation Service.

On my Web site, < <http://botanicallatin.org> > , I offer my services in translating English descriptions of new plant taxa to Latin. I’ll also translate Latin texts into English. The site also has a few other Latin tidbits, such as how to pronounce names and what they mean, and the complete text of Linnaeus’s *Philosophia Botanica*. I plan to add more soon. Though I’m no Rupert Barneby or William Stearn, I do have training in both plant taxonomy and Latin, and over 20 years’ experience in writing and editing Latin descriptions of everything from yeasts to composites, and I work fast and accurately. — Mark A. Garland, Scientific Latin Translations, P. O. Box 856, Micanopy, Florida 32667.

