



ASPT

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ASPT NEWS

New Editor of ASPT Newsletter

Eric Roalson will become the new editor of the *ASPT Newsletter* effective 15 August 2008. Please send all newsletter items to him after this date. Eric will continue as Webmaster of the ASPT Web site. As outgoing editor, I want to thank all those who have assisted with the newsletter, especially Linda Brown, Chris Anderson, past ASPT presidents and officers who sent in new items, Chris Hauffer for first asking me to be editor, and Charlie Warwick, who does the page layout. — Ken Robertson, Emeritus, Illinois Natural History Survey.

2008 ASPT Awards

The following ASPT awards were announced at Botany 2008 in Vancouver.

Asa Gray Award — The recipient of the 2008 Asa Gray Award is **William R. Anderson** (University of Michigan). Highlights of Dr. Anderson's many accomplishments include the following: 1) High productivity and high quality of scholarship in systematics of Malpighiaceae, a family for which he is recognized as the world's expert; 2) Excellence in undergraduate and graduate teaching, including mentoring many students who are now practicing systematists; 3) Served as president of ASPT, and has served for 21 years (and continues to serve) on Committee for Spermatophyta, IAPT; 4) Editor of 8 volumes of *Flora Novo-Galiciana*; and 5) Served as Director of University of Michigan Herbarium for 13 years.

Peter Raven Award — The recipient of the 2008 Peter Raven Award is **W. Hardy Eshbaugh** (Miami University). Highlights of Dr. Eshbaugh's many accomplishments include the following: 1) Trip leader and/or trip botanist with ecotourism trips to Antarctica, Belize, Brazil, Costa Rica, Ecuador, Peru, and Uganda; 2) Designed and taught courses in Amazonia, Bahamas, Newfoundland, and Nova Scotia; 3) Numerous popular writings and lectures on conservation and natural history; 4) Active volunteer with and served on boards of Ohio Chapter of Nature Conservancy, National Audubon Society, Hawk Mountain, Atlantic Salmon Federation, and several local conservation organizations; and 5) Served as president of ASPT, AIBS, BSA, Society for Economic Botany.

George R. Cooley Award for Best Contributed Paper in Systematics — The recipient of the 2008 Cooley Award is **Brian Knaus** of Oregon State University. The title of Brian's presentation was "A fistfull of *Astragalus*: incipient speciation in the American West?" Brian's co-authors are R. C. Cronn and Aaron Liston.

Recipients of 2008 ASPT Graduate Student Research Grants

Amounts of awards varied from \$750 to \$1,000.

Craig F. Barrett — Relationships and morphological

variation in the *Corallorhiza striata* species complex: emphasis on California as an evolutionarily important region in North America. The Ohio State University (w/ John Freudenstein). — Shirley and Alan Graham Graduate Student Research Grant.

Brad R. Ruhfel — Phylogenetic and biogeographic study of the clusoid clade (Malpighiales). Harvard University (w/Charles Davis). — William R. Anderson Graduate Student Research Grant.

Dylan O. Burge — Edaphic factors in the diversification of *Ceanothus* subgenus *Cerastes* (Rhamnaceae). Duke University (w/Paul Manos). — Rogers McVaugh Graduate Student Research Grant.

Patrick P. Edger — Resolving the phylogeny of the mustard family (Brassicaceae) and its application to date two major whole genome duplication events. University of Missouri-Columbia (w/Chris Pires).

Melanie Schori — A systematic revision of *Gomphandra* (Stemonuraceae). Ohio University (w/ Phil Cantino and Harvey Ballard).

Elizabeth Kempton — Systematics, character evolution, and ecological diversification of the *Eriogonum* clade (Polygonaceae). Rancho Santa Ana Botanical Garden (w/ Travis Columbus).

Erica J. Wheeler — Evolution of the *Allium canadense* alliance: Testing the hypotheses of Marion Ownbey and Hannah Aase. University of Missouri-Columbia (w/Chris Pires).

Taina M. Price — Molecular phylogeny and phylogeography of *PheMERANTHUS* (Portulacaceae), a North American xerophytic plant genus. Washington University, St. Louis (w/ Barbara Schaal).

Olofron Plume — Molecular systematics of genus *Calendula* (Asteraceae). Cornell University (w/ Jeff Doyle).

Nicholas P. Tippery — Systematics of Menyanthaceae: Phylogenetics and character evolution in *Nymphoides*. University of Connecticut (w/Don Les).

Tania Hernández Hernández — Evolutionary radiations of globose and columnar stem succulents within Cactaceae. Universidad Nacional Autónoma de México (w/ Susana Magallón).

Melissa Islam — Tracing the evolutionary history of Caribbean *Erythroxylum*. University of Colorado (w/Tom Ranker).

Miriam Kaeher — Revision, phylogeny, evolution, and biogeography of *Lundia* (Bignoniaceae, Bignoniaceae). Universidade de São Paulo (w/Lúcia Lohmann).

Results of ASPT Election

- President Elect — Warren Wagner, Smithsonian Institution
- Council Member — Carolyn Ferguson, Kansas State University
- Council Member — Ken Cameron, University of Wisconsin, Madison

New Issue of *Systematic Botany Monographs*

Volume 84. Taxonomy of Wild Tomatoes and Their Relatives (Solanum sect. Lycopersicoides, sect. Juglandifolia, sect. Lycopersicon; Solanaceae), Iris E. Peralta, David M. Spooner, and Sandra Knapp, 186 pp., color frontispiece

+ 3 color plates, hardbound. 2 June 2008. ISBN 978-0-912861-84-5. US orders: \$27.00; non-U.S. orders: \$40.00. *Volume 85. Revision of Neosprucea (Salicaceae)*, Mac H. Alford, 62 pp. 2 June 2008. ISBN 978-0-912861-85-2. US orders: \$10.00; non-U.S. orders: \$17.00.

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, MasterCard, AMEX, Discover accepted. Fax: 734-998-0038; e-mail <chra@umich.edu> .



IN MEMORIAM

John Tucker

Marking the end of an era at UC Davis, Professor emeritus and past Herbarium Director Dr. John Tucker passed away on July 5, 2008 due to complications of a stroke suffered two weeks earlier. John was an oak expert. He wrote the key and descriptions for the oak family treatment for the 1991 *Jepson Manual*, and at the age of 92, he finished a new version of that treatment this past spring for the upcoming *Jepson Manual* revision. Many people benefited from John’s expertise and sent him oak samples in letters or brought oaks to the herbarium for him to identify. He was generous with his time and always glad to look at any oak from anywhere.

John credited Maunsell Van Rensselaer, Director of the Santa Barbara Botanic Garden during its early years, with encouraging his interest in botany. John had long had an interest in trees, and he obtained a botanical assistant position at the garden after coursework at Santa Barbara State College and the University of Idaho — a position he returned to during summer vacations until 1942. John had thought that he might earn a degree in forestry, but Van Rensselaer noted John’s careful horticultural, botanical, and plant collecting skills and encouraged him to get a degree in botany instead. With that advice, John continued on to UC Berkeley, where he earned a bachelor’s degree and a doctorate, both in botany, in 1940 and 1950, respectively.

His collection notebooks from his senior year at UCB in 1940 already emphasized oaks, with long entries describing the appearance of each one. He was sometimes frustrated in his attempts to gather more information while out in the field with Ledyard Stebbins, his genetics teacher. On one excursion in San Luis Obispo County west of Santa Margarita, he commented “Stebbins and Walters were so intent in their chase after peonies that I didn’t have time to stop and collect or get more dope on [the hybrid blue oaks that held his interest].”

His Ph.D., under the guidance of Herbert Mason, Ledyard Stebbins, and Adriance Foster, dealt with the evolution and relationships of scrub oak (*Quercus dumosa*) and re-

lated species, including hybridization between scrub oak and grey oak (*Quercus turbinella*), and the parentage of Alvord’s oak (*Quercus × alvordiana*). On sabbatical leave in 1955–1956, John began to study variation in hybrid oak populations in the southern Rocky Mountain region, an extremely difficult task.

To say that John’s studies of oak taxonomy were detailed is an understatement. During his numerous field expeditions, especially within California and the southwestern U.S., John described oak populations from an ecological, geological, historical, and taxonomic viewpoint. He collected flowers to look at chromosome counts, acorns to analyze their chemistry and viability, and seemingly endless population samples to look at leaf surfaces and architecture. Everything was documented with careful notes. He collected pollen and crossed oaks and then collected acorns to examine acorn viability and subsequent progeny — techniques more easily applied to annual plants rather than slow-growing trees like oaks. John’s final collections were of Shreve’s oak (*Quercus parvula* var. *shrevei*), a species whose characteristics and distribution had held his interest for more than a decade.

John did not have the luxury of focusing exclusively on research. While still a graduate student at UC Berkeley, he was hired as director of what was then the UC Davis Botany Department Herbarium. At that time the herbarium housed 9,400 specimens in just six wooden cases. In 1951, he initiated an exchange program for trading extra specimens with other institutions, and under his leadership, the collection expanded dramatically. In the mid-1950s, the collection moved to a small temporary building with a metal roof, and John sweltered in the Davis summer heat. In 1961, it moved to a new home in Robbins Hall, a space that John designed. Upon his retirement in 1986, the Botany Department Herbarium was officially named the J. M. Tucker Herbarium to honor his 39 years as director. The J. M. Tucker Herbarium is now incorporated into the UC Davis Center for Plant Diversity Herbarium which includes nearly 300,000 specimens from all over the world in a wonderful, new, temperature-controlled space for which John provided the lead gift.

In addition to directing the herbarium, John was hired to do plant identifications for UC Cooperative Extension, a task he did alone until 1953, when he hired June McCaskill to help him with that task. John also taught courses in general botany, plant taxonomy, and poisonous plants — courses which served hundreds of students per year. In his first two decades, he also had to collect all the plant material for his courses, something few UC professors still have to do. He was also very active on committees and took his committee service very seriously.

His exemplary service record is partly what led to John becoming Director of the UC Davis Arboretum for 12 years (at the same time as he was herbarium director). This new administrative task was extremely time-consuming, basically another half-time job on top of his other duties. John took the task on, because he loved the arboretum and had been involved with it since the early

1950s. In 1962, he established an oak grove near the western end of the arboretum, planting acorns that he had collected from around the world. Today the arboretum is home to 574 oak trees, including a number of native California oak species, and is recognized as a national resource.

During his career, John received numerous honors and awards, including a Guggenheim Fellowship in 1955. He was selected as a fellow of the American Association for the Advancement of Science and the California Academy of Sciences. He also was a member of the American Institute of Biological Sciences, American Society of Plant Taxonomists, Botanical Society of America, California Botanical Society, International Association for Plant Taxonomy, Sigma Xi honor society and Society for the Study of Evolution.

He was preceded in death by his wife of 46 years, the former Katrine June Petersen (June), son Chris, brother Robert, and sisters Viola, Valenzuela, and Helen. He is survived by his daughter, Carolyn Tucker, son, Peter Tucker, and grandson Carson Mack; sister Mary Kraft; and brothers Glenn Tucker, Ken Tucker and his wife Shirley, and Stanley Tucker and his wife Marion.

A memorial service in his honor is planned for 10 a.m. Saturday, Aug. 9, at the UC Davis University Club on Old Davis Road. The service will be followed by an informal luncheon. In lieu of flowers, the family requests that memorial donations be made to either the UC Davis Foundation Herbarium Endowment in support of the J. M. Tucker Herbarium or the UC Regents J. M. Tucker Endowment in Support of the arboretum's oak collection. Donations may be sent to: Allison Chilcott, CAES Dean's Office, 150 Mrak Hall, One Shields Ave., UC Davis, Davis, CA 95616. — Ellen Dean, University of California, Davis.



PEOPLE

Greta A. Fryxell Honored

ASPT member Dr. Greta A. Fryxell will be honored by the publication of a festschrift (“a volume of writings collected on honor of a scholar”) recognizing her long record of scientific achievement in the fields of phycology and oceanography. The current issue of the European scientific journal *Nova Hedwigia*, Beihefte (Beiheft 133, 2008) will include articles by colleagues and former students that are dedicated to her and which recognize her many achievements both in teaching and in research < <http://www.schweizerbart.de/pubs/series/nova-hedwigia-beihefte-051.html> > .

Dr. Fryxell is Professor Emeritus of Oceanography at Texas A&M University and also an adjunct professor in the School of Biological Sciences, the University of Texas at Austin. She now lives in Claremont, California, where she resides with her husband, Dr. Paul A. Fryxell.

A formal presentation of the festschrift was at a dinner held in her honor in Claremont on 14 February, when many of her former students, who received M.S. or Ph.D. degrees under her direction, were present—several coming from overseas. A unique feature of this festschrift is that it will include invited papers from each of her three children, Dr. Karl J. Fryxell (George Mason University), Dr. Joan E. Fryxell (California State University, San Bernardino), and Dr. Glen E. Fryxell (Pacific Northwest National Laboratory) in their fields of biology, geology, and chemistry, respectively.

Neil Snow to BISH

Dr. Neil Snow, former Associate Professor and Curator of the Herbarium at the University of Northern Colorado, has moved to the Bishop Museum in Hawaii. His new email is < neil.snow@bishopmuseum.org > . The Herbarium Pacificum (BISH) at the Bishop Museum houses over 600,000 collections of vascular plants, bryophytes, algae, fungi and lichens. It has nearly 11,000 type specimens and the largest collection of plants from Hawaii in the world.



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.

Scientific Editor Needed, Second Edition of *The*

Jepson Manual: The Jepson Herbarium, University of California at Berkeley, is seeking an additional scientific editor for the second edition of *The Jepson Manual*, the floristic reference for the state of California. The successful candidate should be an experienced botanist and editor with demonstrated expertise in California floristics. Familiarity with *The Jepson Manual* preferred. This is a rigorous and demanding position that requires extensive knowledge of plant terminology, strong interpersonal communication skills, and untiring attention to detail. The full time, temporary position (1–2 years) will ideally be based in Berkeley. For more information, please contact: Bruce G. Baldwin < bbaldwin@berkeley.edu > or Staci Markos < smarkos@berkeley.edu > (510) 643-7008. Already completed treatments are available here < <http://ucjeps.berkeley.edu/jepsonmanual/review/> > . [Posted 21 July 2008]

Conservation Project Manager, New York Botanical Garden: Summary of Responsibilities: The Conservation Project Manager will assist the Dean and Vice President for Science in the creation of a conservation center. Will use specimen data to inform conservation and to build on the international connections of the science program to more efficiently implement conservation activities in places where the garden maintains active programs. Will connect with external advisors and assist in the development of a defined mission and strategic plan for its implementation. Salary commensurate with experience. Excellent benefits, including 4 weeks vacation. Requirements: 1) M.S. in botany or related field of plant sciences, Ph.D. preferred. 2) Experience with GIS preferred. 3) Experience with the application of specimen data to conservation questions. 4) Experience with organization of scientific symposia and workshops. 5) Experience with international botanical research and conservation programs. 6) Proficient spoken skills with Spanish or Portuguese preferred. Position Application number: SC-1619. For more information: See <http://www.nybg.org/footer/employment_listings.php>. To apply: Send cover letter and résumé to: Human Resources, The New York Botanical Garden, Bronx, NY 10458-5126. The New York Botanical Garden is an Equal Opportunity Employer.



FELLOWSHIPS, INTERNSHIPS, POST-DOCS

Nearly all announcements have been edited to conserve space, be sure to obtain complete descriptions before applying. Please see the paragraph at the top of “Job Opportunities” for additional information.

Postdoctoral position in Plant Molecular Phylogenetics/Systematics of Sedges: A postdoctoral research position is available through an NSF-funded Systematics Project on the systematics and evolution of chromosome number and genome size in *Carex* subgenus *Vignea* (Cyperaceae). This study provides an excellent opportunity to explore the evolution of genome structure in a genus with holocentric chromosomes, one that displays a remarkable range of karyotypic diversity. The postdoctoral researcher will work primarily on molecular phylogenetic and cytogenetic aspects of the project, as well as phylogenetic comparative analysis. Responsibilities include field work in North America and China, molecular systematic lab work, chromosome counting, data organization, and specimen handling for the project, analysis of molecular and cytogenetic/genome size data, meeting presentations, and manuscript preparation. Candidates are required to have a Ph.D. in plant systematics or related field, with experience in conducting field work and in cytogenetic methods or methods of molecular systematics. Experience or interest in phylogenetic comparative analysis is strongly desired. The researcher will work at The Morton Arboretum with Dr. Andrew L. Hipp (The Morton Arboretum) and Dr. Eric H. Roalson (Washington State University). Information about The Morton Arboretum

is available through the arboretum’s Web site <<http://www.mortonarb.org/>> and our lab Web site <http://redwood.mortonarb.org/lab_pages/hipp>. The position is a two-year appointment, beginning 1 January 2009 (start date negotiable). Application review begins immediately and continues until the position is filled. To apply, submit via e-mail a *curriculum vitae*, statement of research interests, and contact information for three references to: Andrew Hipp, The Morton Arboretum, 4100 Illinois Route 53, Lisle IL 60532-1293; Phone: 630-725-2094; fax: 630-719-2433; e-mail <ahipp@mortonarb.org>.



NEWS FROM HERBARIA AND COLLECTIONS

CAS in New Facility

We are finally ready to receive loan returns, exchange shipments, and all other mail at our new facility. Please note our new address: California Academy of Sciences, Department of Botany, 55 Concourse Drive, San Francisco, CA 94118. If you have questions, please contact Debra Trock <dtrock@calacademy.org>.

BRIT Moving

The Botanical Research Institute of Texas (BRIT) moved its new facilities in **June** 2008. This will cause disruption to visitor services and access to the herbarium (BRIT-SMU-VDB collections) and library, so please contact us before arranging any visits between 15 April and 31 July 2008. We ask that loan requests or shipment of any transactions to BRIT be delayed until August 2008. Our new address starting JUNE 1st will be: Botanical Research Institute of Texas, 500 E 4th Street, Fort Worth, TX 76102-4025. BRIT e-mail addresses and phone/fax numbers will not change. Thank you for your patience during this time.

Collections and types of Myrtaceae at GREE transferred to BISH

The contents of three cabinets of Myrtaceae deposited by Dr. Neil Snow at the herbarium of the University of Northern Colorado (GREE) from 1998–2007 have been transferred permanently to the Bishop Museum (BISH), including type specimens. The specimens are currently being processed at BISH and may be unavailable for loan a several months.



FUNDING AND AWARD OPPORTUNITIES

American Philosophical Society Grants

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. Purpose, scope: Awards are made for non-commercial research only. The society makes no grants for academic study or classroom presentation, for travel to conferences, for non-scholarly 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. Eligibility: Applicants may be residents of the United States or American citizens resident abroad. Foreign nationals whose research can only be carried out in the United States are eligible. Grants are made to individuals; institutions are not eligible to apply. Requirements for each program vary. Tax information: 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. Contact information: Questions concerning the Franklin, Lewis and Clark, programs should be directed to Linda Musumeci, Research Administrator, at < lmusumeci@amphilsoc.org > or 215-440-3429.

Of particular interest to members of ASPT are the Franklin Research Grants and the Lewis and Clark Fund for Exploration and Field Research.



SYMPOSIA AND MEETINGS

NOTE: LISTED IN CHRONOLOGICAL ORDER!

2008

Illinois Natural History Survey, 150th Anniversary Celebration, Champaign, 26–27 September 2008

26 September — Symposium: Researching Illinois for 150 years. Conservation of Natural Resources in the 21st Century—The View from Illinois. This day-long symposium will feature 11 speakers plus a final address by Dr. Peter Raven, internationally known conservation biologist with the Missouri Botanical Garden. Symposium topics will cover a range of issues important to the future of biological resources.

27 September — All-day Event. 1) Public presentation by herpetologist and TV personality Mark O'Shea, entitled "Serpents, Sorcery and Snakebite in Papua New Guinea, the Land of the Unexpected." 2) Illinois Natural History Survey Public Expo from noon to 6 pm will feature numerous interactive booths and exhibits on the natural history of Illinois and the work of survey sci-

tists. Our featured exhibit will be Mr. Dan Capps and his internationally known insect collection! All events are free. We ask that you register for the symposium and the Mark O'Shea presentation on our Web site. Visit < <http://www.inhs.uiuc.edu/150/index.html> > for more information.

IV International Rubiaceae (Gentianales) Conference, Jalapa, Veracruz, México, 19–24 October 2008

The Instituto de Biología, UNAM and the Instituto de Ecología, A.C. are pleased to announce that the fourth Rubiaceae Conference will be held in the Clavijero Botanical Garden of the Institute of Ecology in Jalapa, Veracruz, Mexico. This meeting will include papers and posters on the taxonomy, phylogeny and classification, morphology and anatomy, floristics, ecology and biogeography within Rubiaceae or other Gentianales. We particularly encourage students to submit the results of their work. Deadline for abstracts: 31 July 2008. Please visit < <http://www.ibiologia.unam.mx/rubiaceas/index.htm> >. For further questions, contact < ivrubiaceae@ibiologia.unam.mx > .

2009

Fourth Biennial Conference of the International Biogeography Society, 8–12 January 2009, Mérida, México

Invited symposia will feature talks on the biogeography of disease, patterns, and processes in biotic transition zones, disjunct distributions in Asia and America, and the biogeography of species extinction. Attendees are invited to submit abstracts for oral and poster presentations. The conference will also include workshops, field excursions, and social events. Registration, contact, and additional information may be found at < <http://www.biogeography.org> > .

California Native Plant Society Conservation Conference, 17–19 January 2009, Sacramento, CA

The CNPS 2009 Conservation Conference: Strategies and Solutions aims to bring together over 1,000 scientists, conservationists, university students, public policy makers, local and regional planners, and land managers from all regions of the state and beyond to share and learn about the latest developments in conservation science and public policy. We seek solutions-based papers and posters on the following topics: climate change and California's flora; rare plant conservation and restoration; mitigation and monitoring of impacts to plants and communities; invasive species; vegetation classification and mapping to promote native plant conservation; conservation genetics; achieving equal protection for plants; regional planning tools; land management; and basic conservation-related plant science. We also seek papers on plant conservation from regional and ecosystem-level perspectives, including Baja California. The conference will take place at the Sacramento Convention Center and Sheraton Grand Hotel. For more information, see our Web site < <http://www.cnps.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 reviewers should contact Larry Davenport at <ljdavenport@samford.edu > .

New Books Available for Reviewers, July 2008

Cacti of Texas: A Field Guide by A. M. Powell, J. F. Weedin, and S. A. Powell. 2008. 383 pp. ISBN 978-0-89672-611-6. \$24.95 (pbk). Texas Tech University Press, 2903 4th Street, Box 41037, Lubbock, TX 79409-1037; < <http://www.ttup.ttu.edu> > .

Field Guide to the Sedges of the Pacific Northwest by B. L. Wilson, R. Brainerd, D. Lytjen, B. Newhouse, and N. Otting. 2008. 431 pp. ISBN 978-0-87071-197-8. \$35.00 (pbk). Oregon State University Press, 121 The Valley Library, Corvallis, OR 97331-4501; < <http://www.oregon-state.edu/dept/press> > .

Field Guide to Wisconsin Sedges: An Introduction to the Genus Carex (Cyperaceae) by A. L. Hipp. 2008. 265 pp. ISBN 978-0-299-22594-0. \$27.95 (pbk). University of Wisconsin Press, 1930 Monroe Street, 3rd Floor, Madison, WI 53711-2059; < <http://www.wisc.edu/wisconsinpress> > .

Genomics and Evolution of Microbial Eukaryotes by L. A. Katz and D. Bhattacharya (eds.). 2006. \$60.00 (pbk). 243 pp. ISBN 978-0-19-922905-5. Oxford University Press, 2001 Evans Road, Cary, NC 27513; < <http://www.oup.com> > .

Grasses of Colorado by R. B. Shaw. 2008. 662 pp. ISBN 978-0-87081-883-7. \$75.00 (hbk). University Press of Colorado, 5589 Arapahoe Avenue, Suite 206C, Boulder, CO 80303; < <http://www.upcolorado.com> > .

Hardy Succulents by G. M. Kelaidis. 2008. 159 pp. ISBN 978-1-58017-700-9. \$19.95. Storey Publishing, 210 MASS MoCA Way, North Adams, MA 01247; < <http://www.storey.com> > .

An Introduction to Plant Breeding by J. Brown and P. Caligari. 2008. 209 pp. ISBN 978-1-4051-3344-9. \$80.00 (pbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

The Ladyslipper and I [Autobiography of G. Ledyard Stebbins] by V. C. Hollowell, V. B. Smocovitis, and E. P. Duggan (eds.). 2007. 173 pp. ISBN 978-1-930723-65-8. \$35.00 (hbk). Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299; < <http://www.mbgpress.org> > .

Plant Biotechnology and Genetics by C. N. Stewart, Jr. (ed.). 2008. 374 pp. ISBN 978-0-470-04381-3. \$100.00 (hbk). John Wiley & Sons, 111 River Street, Hoboken, NJ 07030; < <http://www.wiley.com> > .

Rare Wildflowers of Kentucky by T. G. Barnes, D. White, and M. Evans. 2008. 190 pp. ISBN 978-0-8131-2496-4. \$39.95 (hbk). University of Kentucky Press, 663 South Limestone Street, Lexington, KY 40508-4009; < <http://www.kentuckypress.com> > .

Science and the Garden: The Scientific Basis of Horticultural Practice, 2nd edition by D. S. Ingram, D. Vince-Prue and P. J. Gregory (eds.). 2008. 350 pp. ISBN 978-1-4051-6063-6. \$50.00 (pbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Solanaceae and Convolvulaceae: Secondary Metabolites; Biosynthesis, Chemotaxonomy, Biological and Economic Significance (A Handbook) by E. Eich. 2008. 637 pp. ISBN 978-3-540-74540-2. \$269.00 (hbk). Springer-Verlag, 233 Spring Street, New York, NY 10013; < <http://www.springer.com> > .

Woody Plants of the Southeastern United States: A Field Botany Course on CD by B. Kirchoff. 2008. CD only. ISBN-13 978-1-930723-62-7. \$27.00 (CD-ROM). Missouri Botanical Garden Press, PO Box 299, St. Louis, MO 63166-0299; < <http://www.mbgpress.org> > .



NEW WEB SITES

New Interactive Key to All Grasses and Gymnosperm Species in the U.S.

In addition to the previously available interactive key to wetland monocots of the U.S. (ca. 2,400 taxa), keys (by state) to grass (Poaceae) species in all 50 states, the District of Columbia, Puerto Rico, and the U.S. Virgin Islands, as well as a new key for all gymnosperm species in the U.S., are now available on the USDA NRCS PLANTS Web site < <http://plants.usda.gov> > . See < http://npdc.usda.gov/technical/plantid_wetland_mono.html > for details.

All are freely available for use on-line, or for downloading for use with or without a Web connection. In addition to dramatically optimizing the identification process, these keys are very rich sources of descriptive data. For example, nearly 300 character states are recorded for every species of grass. Each species in the key also directly links to the appropriate profile page on PLANTS, which includes images, common names, distribution maps, synonymyms, wetland indicator status, native status, wildlife habitat values, and many other important pieces of information about it.

The keys are running in SLIKS vers. 2.2 and 2.3 < <http://www.stingersplace.com/SLIKS> > which are optimized for use with MS Internet Explorer. SLIKS requires no installation or other special software. SLIKS is released under the GNU public license, is free, and can be easily and legally modified by users with very minimal pro-

gramming experience. The data in the keys are also free and can be used in other applications. All monocot data were developed cooperatively by the Missouri Botanical Garden and the USDA NRCS National Plant Data Center and were compiled from numerous sources by Dr. David Bogler of the Missouri Botanical Garden. The gymnosperm data were developed cooperatively by Oregon State University and compiled from several sources by Stephen C. Meyers, Oregon State University in collaboration with Aaron Liston, Oregon State University, Steffi Ickert-Bond, University of Alaska Fairbanks, and Damon Little, New York Botanical Garden.

New keys for all legumes, all Ericaceae, and all remaining monocot species in the US are currently in development and are forthcoming. — Gerald F. Guala, USDA, NRCS, National Plant Data Center; <gerald.guala@la.usda.gov> .

La Cruz Habitat Protection Project

This Web site provides information the La Cruz Habitat Protection Project; see < <http://www.lchpp.org/> > . Deforestation is a critical problem in Mexico, affecting over half the country's forests and negatively impacting ecosystems, watersheds, and people's well-being. La Cruz Habitat Protection Project (LCHPP) is a successful Mexican project that is responsible for planting 3 million seedling pine and oyamel fir trees in and around the Monarch Biosphere Reserve and its buffer zone. Jose Luis Alvarez Alcalá began the project in 1997 and has been working ever since to restore old fields to sustainable forest to improve soil hydrology and economic standards in these rural communities. La Cruz Habitat Protection Project, Inc. is a U.S. non-profit organization dedicated to restoring and managing forests in Michoacán, México and beyond by working in close partnership with LCHPP-Mexico.



ADDENDUM

Plant Taxonomist, Gaoligong Shan Biodiversity Project, California Academy of Sciences:

Position Summary: Full-time position. Application deadline 15 September 2008. Serves as the botanist for the Biodiversity of the Gaoligong Shan Project, funded by the MacArthur Foundation, for 1.5 years beginning in the summer of 2008. The incumbent's primary responsibilities will be to study herbarium collections resulting from a long-term survey of a mountain range in Yunnan Province, China. The incumbent will conduct species identifications, track specimen identifications from outside experts, and, with additional study of historical collections from various herbaria, compose floristic treatments of several groups of plants for the Gaoligong Shan. Opportunity exists for contributions to GIS and biodiversity assessment analyses. Assigned responsibilities require a Masters or Ph.D. and advanced knowledge of plant systematics. Salary

commensurate with degree and experience. This position reports to the lead botanist on the project and works closely with the collections manager of the Department of Botany at the California Academy of Sciences. Essential Duties and Responsibilities: Oversee the identification of the collections derived from the project. With the assistance of the collections manager, distribute selected specimens to experts for identification as needed. Database historical collections data from herbaria and contribute to taxonomic revisions of various plant groups. May participate in the development of exhibits based on the results of the project. Follow all academy safety regulations. Other duties as assigned. Qualifications: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Education and/or Experience: Masters or Ph.D.; specialty in systematic botany. Good organizational skills. Computer and database knowledge, spreadsheet knowledge. Understanding of the components of a flora and its uses. Knowledge of botany of East Asia. Thorough understanding of botanical curatorial practices. Knowledge of GIS applications desirable. Language Skills: Fluency in Chinese and English highly desirable. Application: Please apply at the Web site < <http://www.calacademy.org> > (click on "Employment" at bottom of the CAS page). [Posted 6 August 2008]

