



ASPT

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CONTENTS

ASPT News	
Awards Presented by ASPT at Annual Banquet.....	2
Recipients of the 2007 ASPT Graduate Student Research Grants	2
Results of ASPT Election.....	2
News from <i>Systematic Botany Monographs</i>	2
<i>In Memoriam</i>	3
People.....	4
Job Opportunities	5
Fellowships, Internships, Post-docs	7
News From Herbaria	8
Organizations	8
Funding and Award Opportunities.....	9
Symposia and Meetings	10
New Serials and News About Serials	10
New Books for Review	11
New Web Sites.....	12
Information on Services Available and Commercial Products.....	12

ASPT NEWS

Awards Presented by ASPT at Annual Banquet

The following awards were made by ASPT at the Annual Banquet held at the Field Museum, Chicago on 10 July 2007

- **Asa Gray Award** — **Scott A. Mori**, New York Botanical Garden, a leading authority on the plants, especially trees and ecosystems, of the lowland Neotropics. His research integrates morphology, anatomy, phylogeography, plant-animal interactions, and conservation. With over 170 publications, including 5 books and 6 book-length monographs, and Dr. Mori's work on Lecythidaceae sets the gold standard for revisions and monographs, classical treatments augmented by modern approaches.
- **Peter Raven Award** — **John T. Mickel**, formerly of the New York Botanical Garden. He is well known for his knowledge and studies of ferns, especially those of Mexico, including treatments of the genera *Anemia* and *Elaphoglossum*. Two notable books include *Pteridophyte Flora of Oaxaca, Mexico*, and *The Pteridophytes of Mexico*, which won the Engler Silver Medal from IAPT. He is also the author of several popular nature guides and gardening books, including *How to Know the Ferns and Fern Allies* and *Ferns for American Gardens*.
- **Cooley Award** — **Ann Willyard**, Oregon State University, for her paper "Integrating phylogenetic and population genetic approaches: A case study using *Pinus washoensis*." Aaron Liston and R. C. Cronn were coauthors of the paper.

Recipients of the 2007 ASPT Graduate Student Research Grants.

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

- **Michael D. Nowak**—Island colonization and lineage divergence in self-incompatible coffee trees of the Indian Ocean. Duke University (w/Anne D. Yoder). —William Anderson Award.
- **John J. Schenk**—A phylogenetic monograph of *Mentzelia* sect. *Bartonia* (Loasaceae). Washington State University (w/Dr. Larry Hufford).—Rogers McVaugh Award.
- **Sara Fuentes-Soriano**—Phylogeny, karyotype, and genome size evolution in Physarieae (Brassicaceae). University of Missouri, Saint Louis (w/Dr. Toby Kellogg). —Alan and Shirley Graham Award.
- **Pamela Steele**—Phylogeny of *Psiguria* (Cucurbitaceae). University of Texas, Austin (w/Dr. Robert Jansen).
- **Mauricio Diazgranados**—Systematics and biogeography of Espeletiinae. Saint Louis University. (w/Dr. Jan Barber).
- **James I. Cohen**—Systematics of *Lithospermum* L. and the evolution of heterostyly. Cornell University (w/Dr. Jerry Davis).
- **Ben R. Grady**—Speciation and edaphic endemism in *Eriogonum* (Polygonaceae): A molecular systematic approach. University of Wisconsin (w/Dr. Ken Sytsma).

- **Janelle Burke**—Systematics of *Antigonum* (Polygonaceae) and its application to the study of invasive traits in a phylogenetic context. Cornell University (w/Dr. Melissa Luckow).
- **Annika Moe**—Hybridization and pollinator sharing among *Ficus* species in Papua New Guinea. University of Minnesota (w/Dr. George Weiblen).
- **Abigail J. Moore**—Population genetic study of the genus *Grindelia* (Compositae). University of California, Berkeley (w/Dr. Bruce Baldwin).
- **David Chuba**—Phylogeny and biogeography of the African *Asclepias* (Apocynaceae). Portland State University (w/Dr. Mark Fishbein).
- **Mary Ann Feist**—Phylogeography and taxonomy of *Oxypolis occidentalis* (Apiaceae). University of Illinois at Urbana-Champaign (w/Dr. Stephen Downie).
- **Madhav P. Nepal**—Native-invasive hybridization in *Morus*: implications for systematics and evolution. Kansas State University. (w/Dr. Carolyn Ferguson).

Results of ASPT Election

The ballots for the ASPT officer election have been counted, and here are the results.

- President-elect — Bruce Baldwin
- Council members-at-large — Mary Barkworth, Mark Fishbein

News From *Systematic Botany Monographs*

NOTE: The prices listed here reflect the recent increase in postage rates and supersede those given in previous announcements. Regrettably, the U.S. Postal Service has eliminated international surface mail; prices for orders to a non-US address have been adjusted for shipment by lowest rate now offered ("First Class Mail International").

- *Volume 81. Revision of Miconia sect. Chaenopleura (Miconieae, Melastomataceae) in the Greater Antilles*, Walter S. Judd, 235 pp, hardbound, April 2007. ISBN 978-0-912861-81-4. US orders: \$42.00; non-US-orders: \$55.00 — Publication of Volume 81 was partly funded by Walter L. Meagher, whose generous contribution is gratefully acknowledged.
- *Volume 82. Systematics of the Australian species of Rho-damnia (Myrtaceae)*, Neil Snow, 69 pp, April 2007. ISBN 978-0-912861-82-1. U.S. 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: 734-647-5719; e-mail <chra@umich.edu> .



IN MEMORIAM

Verne Grant died 29 May, 2007 in Austin, Texas, following a brief illness. He was Professor of Botany at The University of Texas at Austin from 1970 to 1987 and Professor Emeritus from 1987 to his recent death.



Verne Grant was born 17 October 1917 to Edwin Grant and Bessie Swallow Grant. His early years were largely spent in the Bay area. While in high school, he read Darwin's *Origin of Species*, which spurred a deep interest in the natural world. In 1940 he received his B.A. in botany from the University of California in Berkeley. Later that year, he left California on a motorcycle to begin his five year journey to South America as a traveling naturalist and later on as a translator with the U.S. War Department in Panama.

In 1949 Verne received his Ph.D. in botany and genetics from Berkeley. In the ensuing years he worked as a visiting investigator at the Carnegie Institution of Washington, Stanford, CA; as a geneticist and experimental taxonomist at the Rancho Santa Ana Botanic Garden and Claremont Graduate School, Claremont, CA; as a professor of biology at Texas A&M University, College Station, TX; and, as Director of the Boyce Thompson Southwestern Arboretum and as a professor of biological sciences at the University of Arizona, Superior, AZ.

While at The University of Texas at Austin (1970–2007), Verne continued teaching, conducting research, and writing in the specialist fields of species biology, pollination ecology, plant genetics, and evolutionary theory.

Verne was a member of the National Academy of Sciences, a Fellow of the American Academy of Arts and Sciences, and a recipient of the Phi Beta Kappa Award in Science (1964) for his book, *The Origin of Adaptations*. He received a Certificate of Merit (1971) and a Centennial Award (2006) from the Botanical Society of America.

During his career, Verne wrote 10 scientific books, two of which were co-authored with Karen A. Grant. Several of his books have been translated into German, Spanish, Russian, and/or Chinese. He authored 146 papers in his field.

At various times, Verne served on the editorial boards of the *Encyclopedia Americana*, *Brittonia*, *Evolution*, *American Naturalist*, and *Biologisches Zentralblatt*. His membership in professional societies included: American Society of Naturalists, Society for the Study of Evolution (Vice President, 1966; President, 1968), Botanical Society of America, American Society of Plant Taxonomists, International Society of Plant Taxonomists, Society of Systematic Zoology, and Southwestern Association of Naturalists.

Verne enjoyed hiking, botanical fieldwork in the western U.S., watching trains, baseball, reading, liberal political commentary, and listening to Bach before breakfast. He greatly enjoyed and greatly missed his beloved dogs, Butch, Rusty, and Sandy.

In the 1990s, Verne pursued an interest in genealogy which resulted in a 1997 book, *The Edward Grant Family and Related Families*.

He is survived by his beloved wife of 46 years, Karen A. Grant (Austin, Texas); son, Brian Grant and wife Kay (Boise, Idaho); daughter, Brenda Grant (Cedar Rapids, Iowa); daughter, Joyce Troy (Anchorage, Alaska); four grandsons; one great grandson; and former wife, Alva Day (Boise, Idaho). — Karen A. Grant.

Addendum. It would be a disservice to the memory of Verne if we did not call to the attention of posterity that he had his quirks. Who doesn't?

Verne's? In his professional pursuits it was single-mindedness: stick with the task at hand; avoid side tracks, however inviting; make clean, clear adversarial incisions; written expressions should be terse; and so one might ramble on, exploring his particular academic quirks. Or strengths, whatever. Likewise in his experimental work in evolutionary biology: define the problem and plan one's attack; make it direct as possible. He would have made a wonderful surgeon! As it was, he served as a model researcher, both for me and most of my doctoral students; however, none of us was really able to emulate his success.

And he was meticulous in his attention to detail and time. At the University of Texas, Austin, I shared the same hallway with the man. I could set my watch by his passage before my door, be it for mail, restroom, or quitting times. And his office was an immaculate obsession! How I envied that in him, for my professional habitation resembled that of an over-indulgent wino.

But behind the persona of certitude and clarity, there lurked in Verne a very sweet, giving, good human being. This was extolled by his son (a minister) and his professional colleagues at his graveside services in Austin, Texas. The man loved railroads almost like a child, maintaining a very expensive train set in his home. Additionally, he knew most of the railroad engineers who passed along Amtrak through the city of Austin, often listening in on their cab conversations, and knowing many of them by name, and they also his. This was truly oddball behavior, considering his status in the academic world. And animals; he loved them like children, and what else? People. At least those who had the temerity to challenge his hygienic hegemony came to know an exceedingly interesting conversationalist who enjoyed his moment on the pedestrian podium. This was brought home to me by a response he made to a question I posed of a sudden. Out of the blue, I asked, "Verne? What might have been the most exceptional adaptive strategy you exhibited of a moment in this living?" His response startled me, so much

so that I recorded it for the interested bio-historian (*Aliso* 17:189–200. 1998.)—After having been awakened by a rifle shot in his buttocks by a stranger intent on killing him while he lay sleeping along the roadside in Mexico as a young man, he figured the only way to keep from meeting his ultimate fate at that moment was to do something exceptional. And he did. He rose suddenly from his sleeping bag, totally naked and skeletonlike, blood oozing from his wound, brandished a machete in one hand and a knife in another, and charged his adversary with a blood-curdling scream at the top of voice, like some wild banshee. And it worked. The intruder was bewildered by this extraordinary behavior, so much so that he dropped his rifle and took off running, thinking, I'm sure, that Verne was hot on his tail.

“So,” said Verne, “I take that to be my best adaptive strategy of a moment.”

I recounted this event at his graveside because his telling of the venture seemed so unlike the man that I had first come to know. Early on he seemed aloof, rather detached, always busy. But over time I came to love the man. To me he was the very epitome of what living ought to be about. To steal a modified line or two from Shakespeare's *Hamlet*, “This above all to your own genome be true, and it follows as night the day that thou canst then be as happy as any other.” So it seemed with the man here interred in this issue of the *ASPT Newsletter*. — Billie L. Turner.

Lawrence K. Magrath, 24 February 2007: Larry Magrath, Professor Emeritus, Biology Department, University of Science and Arts of Oklahoma (USAO), Chickasha, OK, died at the age of 63 in Oklahoma City after a long illness.

Dr. Magrath was a 35-year member of the USAO science faculty, and served before his retirement as professor of biology, director of interdisciplinary studies, and curator of the herbarium (IH acronym OCLA). Larry joined the USAO faculty in 1972. Prior to his arrival at USAO, he taught at the University of Kansas and Oklahoma State University. He resigned officially from the USAO faculty in March 2005, but continued teaching there on a limited schedule.

Larry was born 28 March 1943 in Garnett, Kansas, and attended high school at Westphalia Rural High School in Coffey County, KS, where he was salutatorian. He earned his Bachelor's and Master's degrees at Kansas State Teachers College (now Emporia State University). He received an undergraduate fellowship to Argonne National Laboratory in Illinois. Larry was awarded his Ph.D. in botany in 1973 at the University of Kansas; his dissertation was entitled “The Native Orchids of the Prairies and Plains Region of North America.” Orchids remained the primary focus of Larry's research throughout his career. He developed the OCLA Herbarium to its current size (ca. 20,000 specimens) with noteworthy collections from southeastern Oklahoma and the Orchidaceae of the central and southeastern USA.

Dr. Magrath was a member of more than a dozen national and international professional societies in science, conservation, and teaching. For decades, he worked with the Oklahoma Academy of Sciences, the American Orchid Society, the Oklahoma Native Plant Society, the Flora Oklahoma project, and the Flora North America project. He authored or co-authored 50 articles in scientific journals, but was particularly proud of the many poems he published in interdisciplinary journals such as the *Journal of Evolutionary Psychology*. Throughout the 1990s, Dr. Magrath led or supported many campus beautification and landscaping projects and, as a result of his leadership, USAO won two Keep Oklahoma Beautiful awards.

The University of Science and Arts of Oklahoma bestowed several awards upon Larry including a special commendation for his campus beautification efforts, a Regents Award for superior research, and a Regents Award for superior teaching. In 1994, Larry was presented a plaque by the Oklahoma Junior Academy of Science for “Outstanding Contributions and Long Time Service.” He also was active in the American Orchid Society and served as vice chair for the AOS Conservation Committee. Additionally, Dr. Magrath was an enthusiastic member of the editorial committee for the Flora of Oklahoma project for many years and served as secretary for Flora Oklahoma Inc.

A memorial was held at the USAO campus on Saturday 10 March 2007 with many colleagues, friends, and loved ones in attendance. — Wayne Elisens, University of Oklahoma.



PEOPLE

Michael J. Moore to Oberlin: Michael J. Moore has joined the faculty of the Oberlin College Biology Department as an Assistant Professor. He received his Ph.D. in 2005 under Bob Jansen at the University of Texas, where he studied gypsophilic evolution, amphitropical disjunction, and the age of arid adaptations in the genus *Tiquilia* (Boraginaceae). Mike then moved on to a postdoc with Doug and Pam Soltis at the University of Florida, where he spent two years sequencing and analyzing chloroplast genomes as part of the Angiosperm Tree of Life project. At Oberlin he now occupies the position long held by David Benzing. Mike intends to continue working with chloroplast genomes as phylogenetic tools, but also plans to return to studying the evolutionary history of North American desert plants. In particular he wants to continue his research into gypsophily in the Chihuahuan Desert flora. He also looks forward to awakening the interest of Oberlin students in plant systematics.

George Staples Update: After 18 years as the staff botanist with the Herbarium Pacificum (BISH) George Staples left the Bishop Museum in August 2006. He now pursues independent research and scholarship through BOTANIKON, a consulting business based on the island of Oahu,

Hawaii. Following publication in 2005 of *A Tropical Garden Flora*, a major new book about tropical cultivated plants, George is devoting his energies to research on the systematics and taxonomy of the Convolvulaceae, a life-long interest, as well as a number of other new research projects.

Valquiria Ferreira Dutra Receives Rubert Barneby Award: The New York Botanical Garden is pleased to announce that Valquiria Ferreira Dutra, of the Universidade Federal de Viçosa is the recipient of the Rupert Barneby Award for the year 2007. She will be studying the genus *Mimosa* in the “campos rupestres” in Eastern Brazil.



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.

Director of Research, Morton Arboretum: The Morton Arboretum < <http://www.mortonarb.org> > invites nominations and applications for a Director of Research, to lead and manage the program’s applied research on planting, care, and conservation of woody plants. The director will administer the program’s personnel, budgets, grants and contracts, safety, and facilities; promote collaborative external relationships; lead fundraising for the program; write and speak to diverse audiences on behalf of research and of the Arboretum as a whole; participate in overall leadership of the Arboretum; and foster research’s integration with other program areas. The Arboretum’s research and allied programs focus on tree health, emphasizing roots and the below-ground environment; tree improvement, including introducing new plants for landscape use; and woodland conservation, concerning the restoration and management of diverse biotic communities. The director will be one of seven scientists in the program, and will be expected to devote significant time to conducting her/his own research in a relevant field, publishing in scientific journals, obtaining extramural funding, contributing to the scientific and green-professional communities, and participating in Arboretum education and collections programs. Special consideration will be given to researchers in plant pathology, urban horticultural stress physiology, or forest restoration ecology. Qualifications: Ph.D. in

horticulture, botany, forest science, ecology, or related field; at least seven years’ experience conducting top-level research relating to woody plants; record of effective written and oral communication with academic, professional, and public audiences; knowledge and interest encompassing the Arboretum’s disciplinary breadth; significant experience in administrative leadership in a public garden, government agency, academic institution, or similar organization; record of securing grant and/or philanthropic support for science; and effective interpersonal skills. Review of applications will begin 8 October and will continue until the position is filled. Applicants should send a letter of application and *curriculum vitae* to: The Morton Arboretum, Human Resources, 4100 Illinois Route 53, Lisle, IL 60532 or < jobs@mortonarb.org > . For further information or to nominate candidates, please contact Vice President of Arboretum Programs Dr. Clem Hamilton, at 630-719-2423 or < chamilton@mortonarb.org > . [Posted 30 July 2007]

Department Head, Department of Botany, Oklahoma State University: The Department of Botany < <http://botany.okstate.edu> > at Oklahoma State University invites applications for the position of Professor and Department Head. We seek a dynamic and visionary leader who will have an extramurally supported, nationally recognized research program, administrative skills, a commitment to supporting innovative teaching, and a vision for curricular enhancement and reform at the graduate and undergraduate levels. Applicants should have qualifications appropriate for a tenured appointment at the rank of Professor. The preferred starting date is 1 July 2008. OSU is a land-grant institution with 23,000 students located in north-central Oklahoma, 70 miles from Oklahoma City and Tulsa. OSU encourages applications from qualified women, minorities, and persons with disabilities. Applicants should submit by e-mail to the search chair — Dr. Joe Bidwell (Zoology), < joe.bidwell@okstate.edu > — a single PDF file containing: a cover letter, statements of research, teaching, and administrative philosophies and accomplishments, a *curriculum vitae*, and contact information of four professional references. Informal inquiries to Dean Peter Sherwood of the College of Arts and Sciences are welcome, 405-744-5663; < peter.sherwood@okstate.edu > . Review of applications will begin 15 September 2007 and will continue until the position is filled. [Posted 30 July 2007]

Research Museum Collection Manager, University of Michigan Herbarium: The University of Michigan Herbarium is searching for a Research Museum Collection Manager. This individual will provide curatorial management of plant and fungal collections at the University of Michigan Herbarium and oversee and help develop the Herbarium databases and participate in bioinformatics initiatives. Reporting to the Director of the Herbarium, specific duties include overseeing existing databases at the Herbarium and assisting in further developing database resources, especially making them Web-accessible; helping to facilitate community data standards and assisting in digital imaging initiatives; in conjunction with two other collection managers, assist in processing loans, gifts, and exchanges of specimens from other institutions and in-

dividuals, including unpacking, record keeping, database updating, and refiles as appropriate; assisting faculty/curators with preparation of grant proposals to enhance collections, including databasing proposals, and with preparing labels for collections; assisting visitors who come to use the collections and train or supervise student temporary workers and/or volunteers; and participating in special projects required for proper curation of the collections, including redistribution of collections, verification of type specimens, and any associated library work to upgrade the collections. Qualifications: Applicants should have a Bachelor's degree in plant biology or related field, with experience in plant systematics, herbarium practices, or equivalent database experience; a Masters degree in plant systematic and experience in working with plant or natural history collections is desired. Knowledge of and experience using current computer software applications (particularly Access, also Excel and other routine applications) and the ability to learn new applications; experience with XML, SQL databases or specialized database applications such as Specify is desired. For information about the University Herbarium, see < <http://herbarium.lsa.umich.edu/> > . For additional application information, please refer to < <http://www.umich.edu/~jobs/> > and click on "Instructions for searching & applying for jobs at the U". The Job ID for this position is 9965. Preference will be given to applications received prior to 27 July 2007. [Posted 2 July 2007]

Senior Biologist, Los Angeles County Arboretum and Botanic Garden: Performs the most difficult and significant basic or applied research or other related activities in one or more specialized fields of plant or plant related science, supervises others engaged in research and provides information regarding the field of specialization to the public and others. Essential Job Functions: Applies scientific knowledge and methodology to the solution of problems in the practice of biology including data collection and analysis, population and habitat inventory, monitoring and goal setting, and disease identification and control. Plans, organizes, and conducts systematic research on problems of considerable scope and complexity. Publishes in scientific and popular publications research findings which answer important scientific questions, open new avenues for further study, redefine an important subject matter area, or result in important improvements in product or technique. Applies results of applied research to the solution of significant problems which are hard to define, require unconventional or novel approaches or highly sophisticated research techniques, or present other above average difficulties. Gives expert information to the public, colleagues, industry representatives, and other agencies. Presents papers at scientific meetings and gives lectures to lay groups, students, or staff, as needed. Conducts correspondence and exchanges information with other specialists in his/her own and related fields. Supervises other professionals engaged in scientific activities, or acts as lead scientist in coordinating various research projects, as needed. Drafts ordinances, regulations, or proposed techniques for the control of conditions or organisms affecting plant life or public health, as needed. Prepares or supervises the preparation of research grant proposals for submission to private or

public agencies. Selection Requirements: A Ph.D. with specialization in plant ecology, plant taxonomy, horticulture or a closely related field from an *accredited college—AND—two years' professional research experience in the field of plant ecology, plant taxonomy, or horticulture. A Master's degree with specialization in plant ecology, plant taxonomy, or horticulture or a closely related field from an accredited college and two additional years of the required experience will be accepted for the Ph.D. For critical detailed information on this position, including how to apply, go to this Web site < http://easier.co.la.ca.us/jobs/PDFs/D0313A_2007-04-23_15-28.pdf > . [Posted 18 June 2007]

Director, Joseph Regenstein, Jr. School of the Botanic Garden, Chicago Botanic Garden: The position will provide academic and management leadership of the Joseph Regenstein, Jr. School of the Chicago Botanic Garden, the premiere plant science teaching program in the United States, with particular expertise in plant conservation, horticulture, gardening, landscape and garden design, natural history and ecology. See our Web site < <http://www.chicagobotanic.org/> > . The successful applicant will manage undergraduate and graduate programs in partnerships with leading universities including Northwestern University, Illinois Institute of Technology, University of Illinois at Chicago, and University of Illinois at Urbana-Champaign. Candidates must have graduate degree in plant sciences or biology, including but not limited to horticulture, botany, horticultural therapy, or landscape architecture—a doctoral degree is preferred. A high level of interpersonal communication skills with the ability to work with internal and external constituencies equally well is necessary. Experience in setting noncredit curriculum as well as advance degree tracts is desirable. Nontraditional teaching experience, particularly in alternative education program development, is highly desirable, e.g., programs affiliated with cooperative extension services, arboreta or botanic garden continuing education. Please send a cover letter, *curriculum vitae*, and the names of three references to: Larry E. DeBuhr, Vice President of Academic Affairs, Chicago Botanic Garden, 1000 Lake Cook Road, Glencoe, IL 60022 or < ldebuhr@chicagobotanic.org > (electronic correspondence preferred). [Posted 5 June 2007]

Assistant/Associate Professor of Plant Systematics, University of Idaho: The Department of Forest Resources, College of Natural Resources, University of Idaho, invites applications for an academic-year, tenure-track faculty position in plant systematics at the rank of Assistant or Associate Professor. Responsibilities/Duties: The position is approximately 35 % teaching, 50 % research, 5 % advising, and 10 % service and outreach. We seek to appoint someone whose research makes use of molecular tools and approaches drawn from phylogenetics and systematics to address fundamental and applied questions in plant biology and forest field ecology. Applicants will be expected to develop an innovative, externally funded research program and contribute to teaching at the graduate and undergraduate levels. At the undergraduate level, dendrology is a specific teaching requirement, and a field course in plant community ecology is

highly desirable. A graduate course of your choice is also required. The successful applicant will serve key roles in the UI Laboratory of Ecological and Conservation Genetics < <http://www.cnrhome.uidaho.edu/LECG> > and in the Center for Research on Invasive Species and Small Populations (CRISSP) < <http://www.cnrhome.uidaho.edu/CRISSP> > . Qualifications: Required: Ph.D. in plant systematics or equivalent by time of hire. Proficient communication skills, both written and verbal. Demonstrated ability to publish research results in refereed journals. Evidence of ability in undergraduate and graduate education. Desired: Demonstrated interest and ability in teaching dendrology and plant community ecology. Experience in multidisciplinary collaboration addressing important questions in conservation and invasion biology. Postdoctoral experience with a successful record of extramural funding for research. Expertise in the woody plant flora of the Pacific Northwest. Application procedure: Apply on-line at < <http://www.hr.uidaho.edu> > . The application consists of a letter of application, *curriculum vitae*, statement of teaching philosophy, description of research focus, academic transcripts, contact information for three references, and copies of one or two of your refereed publications with a brief explanation of your role in preparing these publications if they are coauthored. Review of applications will begin 25 August 2007 and will continue until a successful candidate has been identified with a prospective starting date of January 2008. Contact: George Newcombe, Chair, Plant Systematics Search Committee, Department of Forest Resources, Moscow ID 83844-1133 or < georgen@uidaho.edu > ; 208-885-5289. [Posted 29 May 2007]

Biodiversity, Evolution, and Conservation Genetics of Plants, Aragon Agency, Spain: Aragon Agency for Research and Development, ARAGÓN I + D is seeking candidates for the position “Biodiversity, Evolution and Conservation Genetics of Plants.” Requirements: The successful candidate should be a specialist in evolutionary and population genetic analysis of endemic and threatened plants. The researcher should have experience in molecular biology techniques and statistical population genetics, phylogeny, and population dynamic modelling analyses applied to the investigation of historical patterns to establish predictive patterns for the study and conservation of wild flora. The expert should have a good knowledge in statistic programming and biocomputing. Candidates with a Ph.D. in botany, plant genetics, plant ecology or similar background and with expertise in studies of plant biodiversity and conservation genetics are invited to apply to the job. We are looking for a motivated scientist with experience as leader of research projects and training of scientific staff. The expert will conduct the research and will supervise scientific and technical staff in taxonomy, biology, inheritance patterns, functional and adaptive ecology, and genomic and proteomic analyses of wild plants. The activities of the selected candidate will include participation in current research projects, planning and heading of new research projects submitted to national and european calls and transfer of research results to Enviromental administrations and agencies. Successful applicant will have a permanent contract with Aragón I + D Agency and will join the High

Polytechnic School of Huesca, University of Zaragoza (Spain). Salary will be commensurate with the experience and potential of the candidate and will therefore be negotiated individually. Candidates should submit their application electronically to Aragón I + D according to information on our Web page < <http://www.araid.es> > , no later than 15 June 2007. [Posted 7 May 2007]



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. Studentship Darwin200, United Kingdom: ESRC Collaborative (CASE) Studentship, October 2007 – September 2010. Representing scientific creativity, Darwin200 celebrations applications are invited for a fully funded, three-year ESRC Collaborative (CASE) Ph.D. studentship. The studentship is available for a period of three years from October 2007, and will cover all tuition, fees, and provide an annual maintenance award. The successful applicant will undertake social scientific research of the U.K. celebrations of the life and work of Charles Darwin in 2009 in order to explore questions about the meaning and role of science and particularly of scientific creativity in contemporary society. The student will be based in the Department of Sociology at Lancaster, but will interact closely with the CASE partner — the Natural History Museum — and with other members of the Darwin200 network of organisations. The project will be supervised by Dr. Bronislaw Szerszynski and Professor Brian Wynne (Lancaster University) and Dr. Johannes Vogel and Dr. Bob Bloomfield (Natural History Museum). Applications are welcome from candidates with an upper-second or first class undergraduate degree in a relevant discipline and a relevant Master’s degree or equivalent professional experience. For more information, go to < <http://csec.lancs.ac.uk/teaching/darwin200case.htm> > . The closing date for applications is 6 July 2007. Enquiries about the research project may be addressed to Dr. Bronislaw Szerszynski, tel: 01524 592659; e-mail < bron@lancaster.ac.uk > .



NEWS FROM HERBARIA

Visiting Field Museum Collections

The Field Museum's John G. Searle Herbarium has recently undergone a major space renovation with 15,000 sq. ft of new, compactorized storage, bringing the entire collection into a state-of-the-art, motorized facility. The renovation included the completion of a new Botany Library and Reading Room. The Botany Department's holdings also include extensive collections of fungi, lichens, mosses, liverworts, ferns, and the Economic Botany Collection dating from the Columbian World Fair held in 1893. This year, Chicago will be the location of two major meetings; the first, the 48th Annual Meeting of the Society for Economic Botany to be held at the Chicago Botanic Garden, 4–7 June 2007, and the second, Botany & Plant Biology 2007 joint congress to be held at the Chicago Hilton, 7–11 July 2007. Anyone wishing to visit the Field Museum's botanical collections during these dates should make advance arrangements with Christine Niezgodá < cniezgodá@fieldmuseum.org >, Economic Botany and Flowering Plant Collection Manager; Robert Lucking < rlucking@fieldmuseum.org >, Cryptogamic Collection Manager; or Matt von Konrat < mvonkonrat@fieldmuseum.org >, Bryophyte Collection Manager. — Michael O. Dillon, Chair & Curator of Flowering Plants, Botany Department, The Field Museum, 1400 South Lake Shore Drive, Chicago, IL 60605. < dillon@fieldmuseum.org >.



ORGANIZATIONS

Launch of “Encyclopedia of Life”

On May 9th the world's leading scientists announced the launch of the *Encyclopedia of Life* (EOL). Over the next 10 years, the EOL will create Internet pages for all 1.8 million currently named species of animals, plants, and other forms of life on Earth. The portal is a global collaborative effort led by the Field Museum of Natural History; Harvard University; Marine Biological Laboratory; Missouri Botanical Garden; Smithsonian Institution; and Biodiversity Heritage Library — a consortium including the aforementioned institutions and the American Museum of Natural History (New York), Natural History Museum (London), New York Botanical Garden, and Royal Botanic Gardens (Kew). When completed, EOL will serve as a global biodiversity tool, providing scientists, policymakers, students, and citizens information they need to discover and protect the planet and encourage learning and conservation. For more information, visit < <http://www.eol.org> >.

The National Biodiversity Institute (INBio) of Costa Rica: INBio Park

INBio Park is an educational and recreational space designed to promote and inform people about the national

parks, biodiversity, and ecosystems of Costa Rica, as well as the work of the National Biodiversity Institute. The park has interpretative trails and displays of living collections of different species and is only 15 minutes away from the capital city of San Jose. The National Biodiversity Institute (INBio) of Costa Rica is a private research and biodiversity management center, established in 1989 to support efforts to gather knowledge on the country's biological diversity and promote its sustainable use. The institute works under the premise that the best way to conserve biodiversity is to study it, value it, and utilize the opportunities it offers to improve the quality of life of human beings. As a nongovernmental, nonprofit, public interest organization of civil society, INBio works in close collaboration with different government institutions, universities, the private sector, and other public and private organizations, both within and outside Costa Rica. INBio's work focuses on the following areas of action: inventory and monitoring, conservation, communications and education, biodiversity informatics, and bioprospecting. For more information about INBio and INBio Park, visit < <http://www.inbio.ac.cr/en> >.

Biodiversity Heritage Library (BHL)

Ten major natural history museum libraries, botanical libraries, and research institutions have joined to form the Biodiversity Heritage Library Project. The group is developing a strategy and operational plan to digitize the published literature of biodiversity held in their respective collections. This literature will be available through a global “biodiversity commons.” The ten are: American Museum of Natural History, Field Museum, Harvard University, Marine Biological Laboratory / Woods Hole Oceanographic Institution, Missouri Botanical Garden, Natural History Museum (London), New York Botanical Garden, Royal Botanic Gardens, Kew, and Smithsonian Institution Libraries. The participating libraries have over two million volumes of biodiversity literature collected over 200 years to support the work of scientists, researchers, and students in their home institutions and throughout the world. The 10 member libraries of the Biodiversity Heritage Library (BHL) members now have over 1.124 million pages of key taxonomic literature available on the web. The BHL will provide basic, important content for immediate research and for multiple bioinformatics initiatives. For the first time in history, the core of their natural history and herbaria library collections will be available to a truly global audience. Web-based access to these collections will provide a substantial benefit to people living and working in the developing world — whether scientists or policymakers. For more information, see < <http://www.biodiversitylibrary.org/> > or e-mail < BHL@si.edu >.



FUNDING AND AWARD OPPORTUNITIES

Augustin-Pyramus de Candolle Prize

The Geneva “Société de Physique et d’Histoire naturelle” (SPHN) is pleased to announce that in 2008 it will award the Botany Prize, named the AUGUSTIN-PYRAMUS DE CANDOLLE PRIZE, which will recognize the author or co-authors of the best monograph of a genus or family of plants. Monographs to be considered should be unpublished or published after 31 December 2005. The monograph should be a complete coverage of the group considered and include its arrangement in a system of hierarchical classification. It should also contain descriptions of external morphological characters and internal characters — anatomical, caryological, physiological and molecular — as far as they can be used to distinguish the sub-groups. A complete bibliography, critical synonymy, and identification keys are requested, and the work should comply with the International Code of Botanical Nomenclature. Partial treatments, i.e., a monograph of a sub-family, tribe, sub-genus, or section, would be acceptable provided that the group is defined clearly with respect to its neighbors. The prize is open to authors of any nationality or domicile. The text may be written in Latin, French, German, English, Italian, Spanish or Portuguese. A summary, restricted to a maximum of 4000 words, must be provided in French or English. Two copies of the manuscript, along with author’s *curriculum vitae*, must be submitted to the following address before 31 March, 2008: Augustin-Pyramus de Candolle Prize, Conservatoire et Jardin botaniques de la Ville de Genève, Case postale 60 1292 Chambésy-GE, Switzerland. The award is CHF 5,000. The reward may be reduced, or not awarded, if insufficient works are received or those received do not fulfill the criteria of this notice. The prize will be awarded in October 2008. The selected monograph remains the property of the author; a copy will be kept at the SPHN. For any further information, please contact < prix-candolle.cjb@ville-ge.ch > .

Grants from the American Philosophical Society

The American Philosophical Society announces its 2008 grants programs. Awards are made for noncommercial research only. The society makes no grants for academic study or classroom presentation, for travel to conferences, for nonscholarly projects, for assistance with translation, or for the preparation of materials for use by students. The society does not pay overhead or indirect costs to any institution or costs of publication. Applicants may be residents of the United States or American citizens resident abroad. Foreign nationals whose research can only be carried out in the United States are eligible. Grants are made to individuals; institutions are not eligible to apply. Requirements for each program vary. We have revised the “Fellowships and Research Grants” section of our Web site < <http://www.amphilsoc.org> > for 2008. We will add an FAQ 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. Applicants are expected to have a doctorate or to have published work of doctoral character and quality. Pre-doctoral graduate students are not eligible, but the society is especially interested in supporting the work of young scholars who have recently received the doctorate. Awards are from \$1,000 to \$6,000. Deadlines: October 1, December 1; notification in February and April. 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, biology, ecology, geography, geology, linguistics, and paleontology, but grants will not be restricted to these fields. Grants will be available to doctoral students who wish to participate in field studies for their dissertations or for other purposes. Master’s candidates, undergraduates, and postdoctoral fellows are not eligible. Grants will depend on travel costs but will ordinarily be in the range of several hundred dollars to about \$5,000. Deadlines: 15 February; notification in May. Questions should be directed to Linda Musumeci, Research Administrator, at < lmusumeci@amphilsoc.org > or 215 440-3429.

The Smithsonian Institution’s Cuatrecasas Fellowship Award

The Smithsonian Institution’s Department of Botany announces the Cuatrecasas Fellowship Award. This annual competition will usually result in 1–2 awards, each one not to exceed \$3000 (U.S.). 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 a short *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 and address of applicant, date submitted, specific objective of trip, overall research project, date of trip, and budget. Complete applications should be sent via email, 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 2007 and applicants will be notified of the committee decision no later than 15 June 2007. 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. Depart-

ment 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 > .

2008 Rupert Barneby Award

The New York Botanical Garden now invites applications for the Rupert Barneby Award for the year 2008. The award of U.S. \$ 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, how a visit to the NYBG would help accomplish the goals of the project, and the names of three referees. Travel to the NYBG should be planned for sometime in the year 2008. The application should be addressed to Dr. Fabián A. Michelangeli, < fabian@nybg.org > , 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 2007. Electronic applications are preferred. Announcement of the recipient will be made by 15 December. 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. Michelangeli.



SYMPOSIA AND MEETINGS

2007

54th Annual Systematics Symposium, 12–13 October 2007

The topic of this year's symposium at the Missouri Botanical Garden is "Biodiversity and Conservation in the Andes." Speakers include Alan Graham, Jon Fjeldså, Lena Struwe, Iván Jiménez, Kenneth Young, Christa Placzek, Carolina Murcia, and John Terborgh. For more information see < <http://www.mobot.org/MOBOT/research/symposium/welcome.shtml> > or e-mail Mick Richardson < mick.richardson@mobot.org > .

Congreso Mexicano de Botánica, 14 –18 October 2007

La Sociedad Mexicana de Botánica invites botanists to attend the XVII Congreso Mexicano de Botánica will be held 14 –18 October 2007 in Zacatecas. For more information, see this Web site < <http://www.socbot.org.mx/Congresos/XVII/index.html> > .

2008

VIII International Cycad Conference, Panama City, Panama, 12 –18 January 2008

The VIII International Conference on Cycad Biology will be held in Panama City, Panama, from 12 to 18 January

2008. This represents the eighth in a series of meetings held every three years since 1987 to bring together scientists, conservation practitioners, and cycad enthusiasts to share ideas and to celebrate this remarkable group of plants. Everyone interested in attending should please note the following dates. Second announcement: 1 March 2007. Third announcement and call for abstracts: 1 May 2007. Deadline for Abstracts: 30 June 2007. Registration: 31 August 2007. Enquiries to Dr. Alberto Taylor < sidney@cwpanama.net > ; Phone: (011-507) 534-6211; cell phone: (00507) 6632-4812. Look for updates on the conference at < http://www.igc.up.ac.pa/vice-ip/cycad_vip.htm > .

Monocots IV and Fifth International Symposium on Grass Systematics and Evolution, Copenhagen, Denmark, 11–15 August 2008

The Fourth International Conference of The Comparative Biology of the Monocotyledons and The Fifth International Symposium of Grass Systematics and Evolution will take place in 2008 in Copenhagen, Denmark. The organizing committee consists of members from The Natural History Museum of Denmark and the biological departments of the Universities of Aarhus and Copenhagen. Purpose: To bring leading scientists from all over the world to Copenhagen to present and discuss the latest developments in the field of monocot and grass evolution. Registration: Registration is open to anyone interested in the evolution of the monocotyledons and grasses. Payment of the registration fee allows access to all sessions. Reduced fees will apply to students. Conference site: The conference site is in the northern campus area of the University of Copenhagen close to the Zoological Museum. Language: The official language is English. Highlights: The conference will convene at the opening session on Monday, 11 August 2008 with welcoming ceremonies and plenary lectures, starting with the Rolf Dahlgren Lecture. The scientific program will take place from Monday through Friday. Scientific events will end daily at 17:00. A reception hosted by the City of Copenhagen will take place at the Town Hall. The conference dinner will be held in the Tivoli Gardens. For more information: see the Web site < <http://www.monocots4.org/> > .



NEW SERIALS AND NEWS ABOUT SERIALS

Anales del Jardín Botánico de Madrid

The *Anales del Jardín Botánico de Madrid* is interested in contributions of manuscripts. The *Anales* has renewed its editorial committee and started a new scientific-quality publishing line aimed at entering the SCI. In order to comply with this goal, we are asking expert botanist colleagues to support these initial steps of the *Anales* by sending us their contributions on their respective field of expertise. The *Anales* offers some advantages such

as the inclusion of free color figures/photographs in the papers and provides the authors with free PDF copies and reprints of their publications. You can find more information on the journal at < <http://www.rjb.csic.es/publicaciones.php> > ; click on the Union Jack at the top bar for the English version.



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* is 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 > .

All Creatures; Naturalists, Collectors, and Biodiversity, 1850–1950 by R.E. Kohler. 2006. 363 pp. ISBN 0-691-12539-2. \$35.00. Princeton University Press, 41 William Street, Princeton, NJ 08540; < <http://www.pup.princeton.edu> > .

Anatomy of Flowering Plants by P. Rudall. 2007. 145 pp. ISBN 0-521-69245-8. \$39.99 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211; < <http://www.cambridge.org> > .

Annual Plant Reviews, Volume 25: Plant Cell Separation and Adhesion by J.A. Roberts and Z. Gonzalez-Carranza (eds.). 2007. 210 pp. ISBN 1-4051-3892-0. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 26: Senescence Processes in Plants by S. Gan (ed.). 2007. 332 pp. ISBN 1-4051-3984-7. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 27: Seed Development, Dormancy and Germination by K. Bradford and H. Nonogaki (eds.). 2007. 367 pp. ISBN 1-4051-3983-8. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 29: Regulation of Transcription in Plants by K.D. Grasser (ed.). 2006. 350 pp. ISBN 1-4051-4528-5. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 30: Light and Plant Development by G.C. Whitelam and K.J. Halliday (eds.). 2007. 325 pp. ISBN 1-4051-4538-1. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Annual Plant Reviews, Volume 31: Plant Mitochondria by D.C. Logan (ed.). 2007. 342 pp. ISBN 1-4051-4939-6. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Flora del Bajío y de Regiones Adyacentes. Fasc. 140: Compositae, Tribu Helenieae; Fasc. 141: Chloranthaceae; Fasc. 142: Sapindaceae; Fasc. 143: Proteaceae; Fasc. 144: Alstroemeriaceae; Fasc. 145: Asphodelaceae; Fasc. 146: Elatinaceae. ISSN 0188-5170. Instituto de Ecología A.C., Centro Regional del Bajío, Apartado postal 386, 61600 Pátzcuaro, Michoacán, México.

Flora Malesiana Volume 17, Part 1: Moraceae (Genera Other Than Ficus) by C.C. Berg, E.J.H. Corner and F.M. Jarrett. 2006. 154 pp. ISBN 90-71236-64-1. \$35.00 (pbk). National Herbarium Nederland, Publications Department, PO Box 9514, 2300 RA Leiden, The Netherlands; < <http://www.nhncml.leidenuniv.nl/rhb/> > .

Flora Malesiana Volume 18: Apocynaceae (Subfamilies Rauvolfioideae and Apocynoideae) by D.J. Middleton. 2007. 474 pp. ISBN 90-71236-65-5. \$65.00 (pbk). National Herbarium Nederland, Publications Department, PO Box 9514, 2300 RA Leiden, The Netherlands; < <http://www.nhncml.leidenuniv.nl/rhb/> > .

Flowering Plants of Kerala; A Handbook by T.S. Nayar, A.R. Beegam, N. Mohanan, and G. Rajkumar. 2006. 1079 pp. ISBN 81-900397-6-8. \$95.00. Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram, Kerala 695 562, India; < <http://www.tbgr.org> > .

Induced Resistance for Plant Defence; A Sustainable Approach to Crop Protection by D. Walters, A. Newton, and G. Lyon (eds.). 2007. 258 pp. ISBN 1-4051-3447-7. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

The Origins of Genome Architecture by M. Lynch. 2007. 494 pp. ISBN 0-87893-484-3. \$59.95 (hbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Phylogenetic Trees Made Easy; A How-To Manual, 3rd edition by B.G. Hall. 2008. 233 pp. ISBN 0-87893-310-5. \$39.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

The Physiology of Crop Yield, 2nd edition by R. Hay and J. Porter (eds.). 2006. 314 pp. ISBN 1-4051-0859-2. \$59.99 (pbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Plant Growth and Climate Change by J.I.L. Morison and M.D. Morecroft (eds.). 2006. 213 pp. ISBN 1-4051-3192-6. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Plant Solute Transport by A.R. Yeo and T.J. Flowers (eds.). 2007. 405 pp. ISBN 1-4051-3995-3. \$199.99 (hbk). Blackwell Publishing, PO Box 570, Ames, IA 50010-0570; < <http://www.blackwellpublishing.com> > .

Present at the Flood; How Structural Molecular Biology Came About by R.E. Dickerson. 2005. 307 pp. ISBN 0-87893-168-6. \$34.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

A Primer of Genome Science, 2nd edition by G. Gibson and S.V. Muse. 2004. 378 pp. ISBN 0-87893-232-1. \$59.95 (pbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Principles of Population Genetics, 4th edition by D.L. Hartl and A.G. Clark. 2007. 652 pp. ISBN 0-87893-308-2. \$93.95 (hbk). Sinauer Associates, PO Box 407, Sunderland, MA 01375-0407; < <http://www.sinauer.com> > .

Rights to Plant Genetic Resources and Traditional Knowledge; Basic Issues and Perspectives by S. Biber-Klemm and T. Cottier (eds.). 2006. \$170.00. CABI North American Office, 875 Massachusetts Avenue, 7th Floor, Cambridge, MA 02139; < <http://www.cabi.org> > .

Tropical Plants of Costa Rica; A Guide to Native and Exotic Flora by W. Zuchowski. 2007. 529 pp. ISBN 0-8014-7374-6. \$35.00 (pbk). Cornell University Press, Sage House, 512 E. State Street, Ithaca, NY 14850; < <http://www.cornellpress.cornell.edu> > .



NEW WEB SITES

Oak Names Database: Piers Trehane, with sponsorship by the International Oak Society, has launched the Oak Names Database. Currently accepted names are provided along with synonyms and citations. Cultivar names, along with easy access to information for registering new cultivars, are also provided. Visit the Web site at < <http://www.oaknames.org> > .

Interactive Key for *Trillium*: A new interactive tool for identifying the species of *Trillium* is now available at < <http://utc.usu.edu/keys/default.htm> > . There are images and links to fact sheets associated with most species in the interactive key. The fact sheets contain additional images, distribution maps, and interactive Google Maps with georeference points downloaded from GBIF. Please contact me with any questions or feedback. The tools require your computer to be Java-enabled and to accept pop-ups. There are also keys to *Platanthera*, *Carex*, and select genera of the Poaceae. We are really excited to provide these powerful tools to everyone. We welcome your feedback! — Pedro Lake < pedro.onativia@gmail.com > .

Photographs of Type Specimens from Berlin On-line at Field Museum: More than 15,000 images made by J. Francis Macbride of type specimens in the herbarium of the Botanical Museum Berlin-Dahlem (B) before World War II are now available on-line from the Field Museum. The URL is < http://emuweb.fieldmuseum.org/botany/search_berlin.php > . Many of these specimens were destroyed in a bombing raid in 1943. This project is part of a larger project called “vTypes” < http://emuweb.fieldmuseum.org/botany/search_vtype.php > .



INFORMATION ON SERVICES AVAILABLE AND COMMERCIAL PRODUCTS

NOTE: The following listing on services offered for a fee and commercially available projects 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.

Spellex Botanical is a comprehensive botanical terminology spell checker which includes the correct spelling of tens of thousands of vascular plants, mosses, liverworts, hornworts, and lichens grown around the world. Spellex Botanical includes the spelling of thousands of common plant names, scientific names, and botanical names as well as plant families, genera, species, and symbols. This comprehensive speller even includes the correct spelling of a wide variety of plants with common uses, including edible and medicinal plants and plants used for habitat creation and landscape restoration.” For pricing and more information, see < <http://www.spellex.com/products/botany.htm> > .

