



ASPT

The American Society of Plant Taxonomists
ASPT NEWSLETTER

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ASPT NEWS

Distinguished Service Award

On behalf of the council, I am pleased to announce that Dr. Kenneth R. Robertson is the recipient of the ASPT Distinguished Service Award. This award is given only occasionally and is reserved for those individuals who have made exceptional efforts for ASPT or the plant-systematics community in general.

Ken was the sole editor of the ASPT Newsletter for more than a dozen years (1996-2008) and completed his long and notable tenure in that role in December of last year. As the online archive amply demonstrates, the ASPT Newsletter under Ken's editorship was a treasure-trove of information on such subjects as society news, people, job opportunities, fellowships, internships, postdocs, herbaria news, funding prospects, meetings, symposia, courses, web sites, and publications (see <http://www.aspt.net/publications/newsletter/archives.php>).

Ken's faithful service led to many positive outcomes for ASPT and its members, and I congratulate and thank him for such dedicated work to further the goals of our society.

-- Bruce Baldwin, President

Cooley Award

The American Society of Plant Taxonomists recognizes Stephen C. Meyers as the 2009 recipient of the George R. Cooley Award for the outstanding contributed-paper presentation among those judged eligible at the annual meeting held in Snowbird, Utah (25-29 July). The award-winning presentation was entitled "Potential sympatric speciation within *Limnanthes* (Limnaceae)" and was co-authored by Stephen and his major professor, Aaron Liston. Stephen's presentation was based on his dissertation research in the Department of Botany and Plant Pathology at Oregon State University, Corvallis.

On behalf of the society, I congratulate Stephen for this fine achievement and thank Larry Hufford (Awards Committee Chair) and the others who performed such dedicated service as this year's Cooley Award judges: Travis Columbus, Carolyn Ferguson, Mark Fishbein, Kathy Kron, Rachel Levin, Aaron Liston, Molly Nepokroeff, and Steve Weller.

-- Bruce Baldwin, President

Grady L. Webster Plant Systematics Publication Award

In 2006, the Grady L. Webster Awards were established by Drs. Barbara D. Webster and Susan V. Webster to honor the work of their husband and father. The rotating awards consist of two components presented in alternating years. BSA presented the first Grady L. Webster Structural Botany Publication Award in 2007. Last summer at the Botany 2008 meeting, ASPT bestowed the first Grady L. Webster Plant Systematics Publication Award to Walter S. Judd for his paper in *Systematic Botany Monographs*, volume 81.

The ASPT Council is pleased to announce the winners

of the 2009 Asa Gray and Peter Raven awards.

The Asa Gray Award is given by the ASPT to an individual for outstanding accomplishments pertinent to the goals of the Society. This year's Asa Gray Award recipient is Dr. Alan Graham, Curator of Paleobotany & Palynology at the Missouri Botanical Garden and Professor Emeritus at Kent State University, where he received university awards for excellence in teaching and research and served as major advisor for 16 graduate students. Alan's extensive and diverse efforts on late Cretaceous and Cenozoic vegetation and flora of the New World have resulted in 118 scientific articles, two sole-authored books (Late Cretaceous and Cenozoic History of North American Vegetation, in 1999, and Late Cretaceous and Cenozoic History of Latin American Vegetation, in 2009), two co-edited and co-authored books (Floristics and Paleofloristics of Eastern Asia and Eastern North America, in 1972, and Vegetation and Vegetational History of Northern Latin America, in 1973), and 120 contributed and invited talks. Alan's contributions to teaching include a five-week course in Mexico that was taken by over 350 students over 14 years. He has served on the editorial board of *Systematic Botany*, in addition to other journals, and donated a 25,000 palynological slide reference collection and associated literature collection of nearly 17,000 reprints to the Smithsonian Tropical Research Institute. For these and other contributions, the ASPT is pleased to recognize Alan with this year's Asa Gray award.

The Peter Raven Award is given by the ASPT to a plant systematist who has made exceptional efforts at outreach to non-scientists. This year's Peter Raven Award recipient is Dr. Sandra Knapp, Research Botanist at the Natural History Museum in London. Sandra's accomplishments include authorship of three books that communicate science to the general public: (1) Knapp, S. 1999. *Footsteps in the forest: Alfred Russell Wallace in the Amazon*. NHM, London, (2) Knapp, S. 2003. *Potted histories: an artistic voyage through plant exploration*. Scriptum Editions/NHM. [translated and released internationally in French and German], and (3) Knapp, S. & B. Press. 2005. *The gilded canopy: botanical ceiling panels of the Natural History Museum*. NHM Press, London. She has been a regular contributor to the Natural History Museum's 'Nature Live' program, in which scientists meet the public (see <http://www.nhm.ac.uk/naturelive>), and has developed exhibitions at the Natural History Museum, especially associated with the Darwin Centre (see <http://www.nhm.ac.uk/darwincentre>). Sandra has been a regular invited guest on radio and television (BBC, commercial stations and internationally) to discuss topics of taxonomy and evolution and has led development of public outreach activities and dialogue for EU-SOL (an integrated project funded by the European Commission to improve food quality in Europe – see <http://www.eu-sol.net>). She also has presented over 20 invited public lectures on taxonomic and evolutionary topics and has been a regular book reviewer for general publications (e.g., *Times Literary Supplement*). For these and other contributions, the ASPT is pleased to

recognize Sandra with this year's Peter Raven award.

The 2009 Election results are in:

Dick Olmstead was elected President-Elect
Chelsea Specht and Allison Miller were elected Council
Members-At-Large

Total ballots returned = 515

Total number of eligible voters = 1422

Percent of ballot return = 36.2%

Collections Web

CollectionsWeb is excited to work with the Coalition on the Public Understanding of Science (COPUS) in an effort to increase public understanding of the nature of science and its value to society. A key objective of COPUS is to create new forums for communication and to develop new opportunities for engaging the public with science. Participants in COPUS are leading the celebration of Year of Science 2009 -- a grassroots celebration of how science works, why science matters, and who scientists are.

CollectionsWeb is serving as a thematic hub for natural history collections. This means that we want to help you learn how to get involved in this exciting endeavor. Please visit our web site (http://www.collectionsweb.org/get_involved/getinvolved_yearofscience.htm) to determine how you can involve your natural history collection in the Year of Science 2009. We at CollectionsWeb would love to see a strong showing from the museum community, and we encourage you to be an active member in this exciting initiative.

SYSTEMATIC BOTANY MONOGRAPHS: New Volume

Volume 86. Monograph of *Psittacanthus* (Loranthaceae), Job Kuijt, 361 pp, color frontispiece, hardbound. 6 April 2009. ISBN 978-0-912861-86-9. US orders: \$50.00; non-US-orders: \$65.00.

Publication of Volume 86 was partly funded by Walter L. Meagher, whose generous contribution is gratefully acknowledged.

Postage and handling included. Send orders to Systematic Botany Monographs, University of Michigan Herbarium, 3600 Varsity Drive, Ann Arbor, MI 48108-2228, USA, with checks payable to "ASPT"; VISA, MasterCard, AMEX, Discover accepted. Fax: 734-998-0038; e-mail chra@umich.edu

Results of the 2009 Student Travel Grants Program

The following students have been funded for travel to the 2009 Botany Conference in Snowbird, UT:

Presenting Category (14)

1. Stephen Stern (Bohs)
2. Melanie Schori (Cantino)
3. Andrew Wheeler (Wilson)
4. Charlotte Germain-Aubry (Gitzendanner)
5. Nicholas Tippery (Les)
6. Daisie Huang (Friar)

7. Carl Rothfels (Pryer)
 8. Alejandra Vasco (Moran)
 9. Craig Barrett (Freudenstein)
 10. Amanda Grusz (Pryer)
 11. Lucas Majure (Soltis)
 12. Andrew Gardner (Emshwiller)
 13. Janelle Burke (Luckow)
 14. Matthew Parks (Liston)
- Non-presenting Category (6)*
15. Debra Hansen (B. Simpson)
 16. Jacquelyn Howell (Morris)
 17. James Riser II (Roalson)
 18. Jeffrey Sanders (Moore)
 19. Kevin Weitemier (Fishbein)
 20. Michael Wright (Costea)

The 2010 Travel Grant funds have been increased from \$6000 (2009) to \$9900 (2010) to increase the number of students funded.



IN MEMORIAM

Dr. Elizabeth Neese passed away on August 8, 2008 from apparent heart failure at the age of 73. She had been a member of the American Society of Plant Taxonomists since 1980. She was well known and respected in the botanical community for her expertise on desert and alpine plants of the American West, as well as for her photography of Rocky Mountain wildflowers. She held a Master's in botany from the University of Minnesota and a Ph.D in botany from Brigham Young University. She is survived by four children and three grandchildren. She will be dearly missed.

Dr. Raymond Carl Jackson passed away April 7, 2008. See his memorium here [<http://www.aspt.net/publications/newsletter/Jackson.pdf>].

Dr. John Reeder, famed agrostologist, passed away peacefully at his home in Tucson, Arizona, on the evening of February 8, 2009. He was born in Charlotte, Michigan on July 29, 1914. He grew up on a farm there, and first went to the University at Corvallis Oregon. It was here he met Charlotte Goodding, whose father, Leslie Goodding, later became a well known botanist in southern Arizona.

John was married to Charlotte in 1941 in Corvallis, Oregon. She was working in the Herbarium there. He later joined the Armed Forces near the beginning of World War II. He was stationed in New Guinea, where he collected grasses to send back to the US Herbarium. Among his collections was *Melinis repens*, which was then thought to be a native of New Guinea for a time. John was on one of the few small Malaria Units, made up of a dozen or so people, whose mission was Malaria Control among the troops.

“Jungle Rot,” a fungal infection, became a problem for people stationed at this wet and warm place, and many people, including John, were hospitalized because of it. He spent 6 months in Fawn General Hospital, after which he was reunited with Charlotte and spent the summer at his folks’ farm in Michigan. John was accepted at Harvard, and he attended classes there, living on the GI bill payment and simultaneously held a job at Jamaica Plain Herbarium, which boasted a fine library. He received his PhD. and worked at Yale the next 20 years, teaching Dendrology and Plant Taxonomy through the Forestry Graduate School. John and Charlotte left Yale in 1968 to go to Rocky Mountain Herbarium at Laramie, Wyoming, studying grasses in his retirement.

Later they moved to Tombstone, Arizona, for three years. Tombstone proved to be too far from a major herbarium, and they moved to Tucson in 1983, to the house John and Charlotte lived in until his death. John and Charlotte were both very active in their older years, supplying the Herbarium with a bent toward grasses and provided ARIZ with one of the best, and best curated grass collections, in the world.

In the words of one of our most active and productive botanists associated with ARIZ, Dr. Richard Felger states “Grasses seemed like such a mystery that I never thought I could effectively deal with them. But that was to change. John and Charlotte patiently pointed out my mistakes in identifications and where the existing keys had problems. They demystified grasses for me –what a privilege to get a start from the world experts. They patiently pointed out subtleties, and are always available to help. In 1987 John and I went on a field trip to northern Sonora. In the mountains west of Cananea he scrambled up a rocky slope and re-discovered the long-lost *Bouteloua eludens* in Mexico. I will never forget how he whooped and yelled: “*Eludens Hill*,” 27.0 km E of Cananea on Mex Hwy 2, 1524 m, rocky south-facing slope with numerous grasses and forbes. What a privilege that we have a world-class collection of grasses at ARIZ – due to the devotion of Charlotte and John Reeder. Just last week I saw John patiently showing a student how to identify some grasses. Their friendship and professionalism and enthusiasm have helped shape my career.”

Charlotte plans to continue her study of grasses at ARIZ, identifying and publishing works on grasses.

Carroll Emory Wood, Jr., 88, of Boston, formerly of Roanoke and Salem, VA, passed away peacefully on March 15, 2009, at his Boston home. Professor of Biology at Harvard University and Curator of the Arnold Arboretum, Carroll was a mentor to many botanists and students at Harvard, the University of North Carolina, and the University of Michigan Biological Station. A specialist in the flora of the Southeastern U.S., he initiated, supervised and edited “*The Generic Flora of the Southeastern United States*”, to which he continued to contribute long after his retirement from Harvard. He was admired by his many friends and

colleagues for his compassion, commitment and unfailing sense of humor. A resident of Boston’s South End for almost 50 years, Carroll was beloved by neighbors and friends for his gentle nature and horticultural guidance. A memorial “Celebration of Carroll” will be held Sunday, April 26, 2009, from 3-5 pm, at United South End Settlements, 566 Columbus Avenue, Boston.

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 related 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.



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.

Program Director, Conservation of Threatened Species and Habitats, Desert Botanical Garden, Phoenix, Arizona

One of the world's major botanical gardens specializing in desert plants seeks an individual to direct an expanded and enhanced conservation program. The successful applicant will have (1) training in botany and the ecology of rare

species (2) knowledge of conservation policy issues and governmental regulatory frameworks and (3) experience in implementing conservation measures. The Program Director will be a member of the Research Department and report to the Director of Research. Responsibilities include program development and management, collaboration with other conservation organizations and governmental agencies, and seeking extramural funding for program initiatives. Ph.D. and strong supervisory skills are required. Send C.V., a 1-page description of your philosophical approach to conservation issues, and names and contact information of three references to Ms. Mary Catellier, Director of Human Resources, Desert Botanical Garden, 1201 N. Galvin Pkwy., Phoenix, AZ 85008. Review of applications will begin June 15, 2009 and applications will be accepted until position is filled. An Equal Opportunity Employer.

Assistant Professor - Botany, State University of New York, College at Oneonta

Tenure-track, nine-month, Assistant Professor of Biology starting Fall 2009. Duties: Teaching assignments include general biology and upper level botany courses in one or more of the following areas: field botany, anatomy and morphology of vascular plants, and plant systematic, maintain herbaria (approx. 12,000 specimens), and mentoring undergraduate biology majors. Required Qualifications: Ph.D. or ABD in botany or related area. ABD must be completed within the first year of appointment. Review of applications will begin immediately.

Go to the following site for additional application information: http://www.oneonta.edu/admin/humres/Employment_Opp/Pages/Faculty_Positions/1013T_Botany.asp

Botanist - Lumberjack RC&D Council, Inc.

Lumberjack RC&D is a non-profit organization contracted primarily by the State of Wisconsin to collect data on permanent inventory plots across the State of Wisconsin.

Lumberjack RC&D has a history of efficiently turning in high quality data and is currently looking for a quality and efficiency minded person to assist the permanent inventory crews during the summer of 2009.

This position entails collecting field data on vegetation on Phase 3 permanent forest inventory plots (WisCFI) in Wisconsin State Forests. The successful candidate will work with fulltime foresters. Each team member will be responsible for the quality and timely collection of their portion of the data collected on each inventory plot.

This position may require extensive travel across the State. The amount of travel will depend on the field office the successful candidate is assigned to.

Description of Duties

Job duties will include, but not be limited to the following:

1) Attend the Phase 3 certification trainings and pass the Vegetation certification exam.

2) Collect detailed measurements on the different forest strata, including herb, shrub and tree.

3) Compile a complete plant list of the survey areas.

4) Habitat type the inventory plot area.

Wages \$18.00/hour, \$27.00/hour overtime

Employment Class Full Time Temporary

The position runs from late May 2009 through roughly late August to mid-September 2009. The position ends when all field plots for the year are completed.

Benefits Per Diem (\$30.00/full travel day, \$22.50/partial travel day) will be paid, and Hotel (maximum \$70.00/night) will be reimbursed while on travel.

No other benefits are offered with this position

Location Statewide

Desired Qualifications Must possess a degree in Botany, or in lieu of a degree have proven experience working as an accomplished field botanist. Candidate must possess basic measurement and compass skills and be prepared to work outdoors in all weather and conditions (heat, rain, bugs, swamps...). Must be able to work unsupervised both independently and as a team member. Ability to follow sampling protocols is essential. Basic knowledge of computer operation is required; good organizational skills and legible handwriting/printing a must. A valid driver's license is required.

Application Deadline May 1, 2009 (The deadline may be extended if qualified applications are not received by May 1.)

Application Procedure Send letter of introduction, resume and three references to:

Paul M. Mueller, FIA Supervisor

Lumberjack RC&D Council, Inc

5985 County Road K

Rhineland, Wisconsin 54501

Phone:(715) 362-1170; Fax: (715) 362-1112

pmuellerrcd@newnorth.net

Assistant Professor of Biology, University of South Carolina Upstate

Tenure-track, nine-month, Assistant Professor of Biology with teaching, research, and service expectations. Must be broadly-trained and able to teach introductory biology. Preference given to candidates capable of teaching botany, plant systematics, and/or field-oriented courses. Candidate must develop a modest research program resulting in peer-reviewed publications. Review of applications begins immediately and continues until position is filled. Ph.D. in Biology or related field by the time of appointment. Official transcripts will be required before hire date as well as a background check.

Please see <https://uscjobs.sc.edu> (Requisition #001245) for additional application information.



FELLOWSHIPS, INTERNSHIPS, POST-DOCS

Post-doc Position at Old Dominion University

Post-doc or research associate (1 year with opportunity for renewal up to 3 years) sought in Plant Systematics at Old Dominion University in the Department of Biological Sciences working with Dr. Timothy Motley. The successful applicant will carry out research on one or the following topics: Pacific Island Plant Evolution and Biogeography (particularly Rubiaceae, Loganiaceae, and Goodeniaceae), Medicinal or Ethnobotanical Plant Research on Chinese-North American plant genera, or on Population Studies of rare species. Research topics are negotiable and opportunities are available to develop new projects. The applicant will be expected to participate in laboratory activities with the ODU plant research group and will gain some teaching experience working with Dr. Motley. Duties include lab management, productive research and publishing, and minor teaching and training activities. Research experience that enhances the existing botanical projects is desirable. Qualifications must include: Ph.D. in Botany or Biology, and experience in one or more of the following skills, DNA sequencing, DNA fingerprinting, DNA bar-coding, phylogenetic analysis, and/or plant systematics.

The position offers opportunities to work in a newly constructed laboratory environment, access to a 5 zone climate-controlled Greenhouse & Orchid Conservatory <http://sci.odu.edu/biology/botany/greenhouse>, the 155 acre Norfolk Botanical Garden www.norfolkbotanicalgarden.org/home, and the 1000 acre Zuni Pine Barrens Preserve www.odu.edu/~lmusselm/blackwater. Depending on research progress and funds, opportunities may be available for participation in international fieldwork (China and Pacific Islands) and conference attendance. Salary and benefits are commensurate with experience. Start date open. Applicants should send application letter and CV to tmotley@odu.edu. Submission deadline Aug 30, 2009.

Postdoctoral Position - Solanaceae Systematics

A postdoctoral position at the University of Utah is available in the area of Solanaceae systematics. Several projects are underway, including one to produce a global monograph of the genus *Solanum* (Solanaceae). *Solanum* includes between 1000 and 2000 species and is one of the largest genera of angiosperms. The species level taxonomy, including images, keys and specimen data, are being made available over the Internet on the Solanaceae Source webpage at <http://www.nhm.ac.uk/solanaceaesource>. Other projects include systematic and phylogenetic studies of other genera in the Solanaceae. Responsibilities include monographic taxonomy of selected groups of Solanaceae; specimen and image databasing and manipulation; field work for the collection of herbarium, seed and silica gel samples; generation of molecular data for phylogeny reconstruction (mainly sequences

of chloroplast and nuclear genes); maintenance and analysis of living greenhouse collections of Solanaceae; data analysis, presentation, and publication; training and supervision of undergraduate lab assistants; and oversight of routine lab activities. Candidates should have a Ph.D. and experience in plant systematics, field work and with working in a team; experience with Solanaceae is preferred but not required, as is experience with molecular systematics and a variety of methods of data analysis. The position is available for one year beginning in Aug-Sept 2009 and extendable for up to several years as long as funds are available and satisfactory progress is demonstrated.

Electronic submission of applications is encouraged.

Review of applications will begin immediately and continue until a suitable candidate is chosen. If possible, I would like to interview candidates at the Botany 2009 meeting in Snowbird, Utah in late July, 2009. Applicants should submit a statement of interest and description of past experience, a curriculum vitae, and contact information (names, email addresses, and phone numbers) of three references to:

Lynn Bohs
Department of Biology
257 South 1400 East
University of Utah
Salt Lake City, UT 84112 USA
E-mail: bohs@biology.utah.edu
Phone: [1] (801) 585-0380
<http://www.biology.utah.edu/bohs/>

Solanaceae Source - <http://www.nhm.ac.uk/solanaceaesource>

Information on the Biology Department at the University of Utah is available at www.biology.utah.edu. The University of Utah is an Equal Opportunity Employer.

Postdoctoral Fellowship in Systematic & Evolutionary Plant Biology

Rancho Santa Ana Botanic Garden [RSABG] invites applications for The Fletcher Jones Foundation Postdoctoral Fellowship in Botany. Applications for this full-time position are solicited from individuals with a primary interest in, and commitment to, active field-, lab- and/or collection-oriented research in the systematics, phylogenetics, or evolution of vascular plants using contemporary techniques. We seek an individual who will bring an exciting and innovative project that will complement and extend on-going research activities, and who will interact extensively with scientists, students, and professional staff.

The Garden's Research Department is home to staff scientists who are also faculty members at Claremont Graduate University; 3 current postdoctoral fellows; 17 graduate students; and facilities that include laboratories (molecular and structural, including SEM); an herbarium of more than 1.1 million plant specimens, almost entirely of vascular plants; an excellent research library; and extensive plant growth

facilities. For additional information about Rancho Santa Ana Botanic Garden and its Research Department, please visit <http://www.rsabg.org> or communicate with any of the department's faculty.

Candidates must have their Ph.D. prior to beginning the position. This is a one-year position with possible extension to two years based on performance. The position carries a competitive salary (\$39,000) and a budget of \$5,000 per year for research expenses.

To apply, send a letter of interest, a curriculum vitae, and a brief research proposal (no more than 10 pages all inclusive). The proposal should clearly indicate how the project both extends the applicant's dissertation research and fits into his/her long-term plans. Please also include the names, addresses, e-mails, and telephone numbers of three references. Send applications to: Ms. Linda Worlow, The Fletcher Jones Foundation Postdoctoral Search, Rancho Santa Ana Botanic Garden, 1500 North College Avenue, Claremont, CA 91711. Applications will be considered beginning Aug. 15, 2009 for a starting date in late 2009 or early 2010.

Postdoctoral Position at The New York Botanical Garden

The New York Botanical Garden, a National Historic Landmark and one of New York City's premier cultural institutions seeks a full-time Post-Doctoral Research Associate to join our Institute of Systematic Botany Science department. This is a grant funded position. Salary commensurate with experience. Excellent benefits, including paid vacation.

The candidate will join the PBI: Miconieae (Melastomataceae) project. This NSF-funded research will produce an online monograph of all 1,800 species in this neotropical tribe, including complete descriptions, images, keys for their identification, and distribution maps for each species, while continuing to research phylogenetic relationships within the tribe. This project presents a unique opportunity for a highly motivated individual to carry out field work in the Neotropics, and to take a leading role in the analysis of large data sets (800+ species; 1000+ terminals) using molecular and morphological data. Funding is available for a minimum of 1 year, and may be extended upon mutual agreement and grant renewal. Applicants should have a Ph.D. at the start date, experience in phylogenetic analyses and sequencing techniques, as well as desire to be involved in all aspects of a multidisciplinary and international project on angiosperm systematics. (<http://sweetgum.nybg.org/melastomataceae>)

Applicants should send a cover letter with a brief description of research interests, curriculum vitae, up to four reprints if available, and the names and contact information for at least three references to: HR@nybg.org or mail to The New York Botanical Garden, 200th St. & Kazimiroff Blvd., Bronx, NY 10458, Attention Human Resources/Dr. Fabian Michelangeli – Position Application Number SC-1632.

The review of applications will begin on May 4th, 2009. The New York Botanical Garden is an Equal Opportunity Employer.

MSc Degree/Postgraduate Diploma in the Biodiversity and Taxonomy of Plants, Royal Botanic Gardens Edinburgh/ University of Edinburgh

The MSc provides biologists, conservationists, horticulturists and ecologists with a wide knowledge of plant biodiversity, as well as a thorough understanding of traditional and modern approaches to pure and applied taxonomy. Apart from learning about the latest research techniques for classification, students should acquire a broad knowledge of plant structure, ecology, and identification. The full description is posted here.

Entry Requirements

Applicants should ideally hold a university degree, or its equivalent, in a biological, horticultural, or environmental science, and above all have a genuine interest in plants. Relevant work experience is desirable but not required. Evidence of proficiency in English must be provided if this is not an applicant's first language.

Further Information

For further details on the programme, including a course handbook please visit the RBGE website: <http://www.rbge.org.uk/education/professional-courses>

You can also contact the Course director or Education Department at RBGE, or the Postgraduate Secretary of the University of Edinburgh:

MSc course Director, Dr Louis Ronse De Craene
Royal Botanic Garden Edinburgh

Tel +44 (0)131 248 2804

Email: l.ronsedecraene@rbge.ac.uk

Postgraduate Secretary, The University of Edinburgh

School of Biological Sciences, Darwin Building

The King's Buildings, Edinburgh EH9 3JR, UK

Tel +44 (0)131 650 7366

Email: icmbpg@ed.ac.uk

To apply online, please go to:

<http://www.ed.ac.uk/studying/postgraduate/finder/details.php?id=1>

and click on the link to apply for this degree.

The Conservation and Land Management Internship Program is now accepting applications for 2009!

Apply online at www.clminternship.org. Would you like to put your education to use assisting in important conservation projects? Do you like to experience new landscapes, habitats, and species diversity? The CLM Internship Program is a wonderful opportunity to begin a career in natural resource management and conservation!

Each year, the Conservation and Land Management Internship Program places 75-100 college graduates in five-month paid internships to assist professional staff at the Bureau of Land Management (BLM), National Park Service (NPS), US Fish and Wildlife Service (NFWS) or US Geologic Survey (USGS). Internships are primarily located in one of the thirteen western states, including Alaska!

Each internship is unique and may focus on botany, wildlife, or a combination of the two. Projects may include monitoring or assessing threatened and endangered species and habitats. Applicants with strong botanical backgrounds are especially encouraged to apply!

Benefits of the CLM Internship Program are numerous! As a CLM intern, you will receive a stipend of \$11,000 and will attend an all expenses-paid week long training workshop. In addition, the CLM Internship Program provides opportunities to make connections in various governmental and non-profit organizations, to learn what it's like to work at a federal agency, to explore your career goals and expand your resume.

For more information and to apply online, please visit: www.clminternship.org



FUNDING AND AWARD OPPORTUNITIES

The Rupert Barneby Award of the New York Botanical Garden

The Rupert Barneby Award, named in honor of the late NYBG scientist and renowned legume expert, consists of US\$ 1000.00 granted annually to assist researchers to visit The New York Botanical Garden to study the rich herbarium collection of Leguminosae. Comprising over 320,000 specimens, including ca. 8450 types, the collection is widely considered to be one of the best curated and most comprehensive of its kind, particularly with regard to New World legumes. Graduate students and early career professionals with research in systematics and/or legume diversity are given special consideration. Anyone interested in applying for the award should submit their curriculum vitae, a two-page proposal describing the project for which the award is sought, and the names of 2–3 references. The application should be addressed to Dr. Benjamin M. Torke, Institute of Systematic Botany, The New York Botanical Garden, 200th Street and Kazimiroff Blvd., Bronx, NY 10458-5126, USA, and received no later than December 1, 2009. Submission by e-mail is preferred (send to: btorke@nybg.org). Announcement of the recipient will be made by December 15, 2009. Travel to NYBG should be planned for a period, preferably of at least two weeks, in 2010. Recipients are asked to give a presentation about their research at NYBG.

American Philosophical Society, RESEARCH PROGRAMS

All information and forms for all of the Society's programs can be downloaded from our website, <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 and LEWIS AND CLARK programs should be directed to Linda Musumeci, Research Administrator, at LMusumeci@amphilsoc.org or 215-440-3429.

BRIEF INFORMATION about INDIVIDUAL PROGRAMS

Franklin Research Grants

Scope

This program of small grants to scholars is 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.

Eligibility

Applicants are expected to have a doctorate or to have published work of doctoral character and quality. Ph.D. candidates are not eligible to apply, but the Society is especially interested in supporting the work of young scholars who have recently received the doctorate.

Award

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

Scope

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.

Eligibility

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.

Award

Grants will depend on travel costs but will ordinarily be in the range of several hundred dollars to about \$5,000.

Deadline

February 15; notification in May.



SYMPOSIA AND MEETINGS

2009

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>>.

The Willi Hennig Society, 22 – 26 June 2009, Singapore

The 28th Annual meeting flyer can be found here. [<http://www.aspt.net/publications/newsletter/Willi%20Hennig%20e-invite.pdf>]

The International Organization of Systematic and Evolutionary Biology (IOSEB) announces the VII International Congress of Systematic and Evolutionary Biology, ICSEB 7

“Extending the Darwinian Panorama”, Celebrating the 200th anniversary of Darwin's birth, Veracruz, Mexico, 5-10 July 2009

The International Congress of Systematic and Evolutionary Biology (ICSEB) is convened approximately every six years, the last one having been held in Patras, Greece, in 2002. The scope of these congresses is to bring plant, animal, and microbial systematists and evolutionary biologists together to discuss and debate topics of general interest. The focus of this congress, in context of significant historical backdrop, is on modern and forward-looking ideas, concepts, and methods in systematic and evolutionary biology. Due to its location, a strong emphasis will also be placed on understanding biodiversity in Latin America.

For more information visit:

<http://www.botanik.univie.ac.at/ICSEB7/>



SPECIAL COURSES

2009 Botany Seminars at the Humboldt Institute on the coast of Maine!

Jun 28 - Jul 4 Applied Field Identification of Sedges, Rushes, and Grasses: Advanced Taxonomy and Ecology of Wetland and Upland Species Anton A. Reznicek

Jul 26 - Aug 1 Aquatic Flowering Plants C. Barre C. Hellquist

Aug 16 - 22 Taxonomy and Biology of Ferns and Lycophytes Robbin C. Moran

Aug 23 - 29 Flora of Maine Coastal Habitats and Islands Glen Mittelhauser

Descriptions of seminars may be found at

<http://www.eaglehill.us/programs/nhs/nhs-calendar.shtml>

Information on lodging options, meals, and costs may be found at

<http://www.eaglehill.us/programs/general/application-info.shtml>

There is an online application form at

<http://www.eaglehill.us/programs/general/application-web.shtml>

Syllabi are available for these and many other fine natural history training seminars on diverse topics.

For more information, please contact the Humboldt Institute, PO Box

9, Steuben, ME 04680-0009.

207-546-2821. Fax 207-546-3042

E-mail - <mailto:office@eaglehill.us>

Online general information may be found at <http://www.eaglehill.us>



WEB SITES

The ASPT web site has an extensive list of web links arranged under various headings – from morphological character and DNA databases to nomenclature and floristic-oriented sites. This list is only as up-to-date as the membership makes it. Please send any updates and new sites that might be of interest to the ASPT membership to eric_roalson@wsu.edu. Your contributions are appreciated!



THE AMERICAN SOCIETY OF PLANT TAXONOMISTS

SYSTEMATIC BOTANY MONOGRAPHS

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NEW VOLUME

_____ VOLUME 87. Monograph of the Syncarpous African Genera **Isolona** and **Monodora** (**Annonaceae**), Thomas L. P. Couvreur, 150 pp, 3 color plates, **6 July 2009**.
ISBN 978-0-912861-87-6. US orders: \$22.00; non-US-orders: \$30.00.

RECENT VOLUMES

_____ VOLUME 86. Monograph of **Psittacanthus** (**Loranthaceae**), Job Kuijt, 361 pp, color frontispiece, hardbound, 2009. ISBN 978-0-912861-86-9. US orders: 50.00; non-US orders: \$65.00

_____ VOLUME 85. Revision of **Neosprucea** (**Salicaceae**), Mac H. Alford, 62 pp, 2008. ISBN 978-0-912861-85-2. US orders: 10.00; non-US orders: \$17.00.

_____ 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 + 3 color plates, 2008. ISBN 978-0-912861-84-5. US orders: 27.00; non-US orders: \$40.00.

_____ VOLUME 83. Revised classification of the **Onagraceae**, Warren L. Wagner, Peter C. Hoch, and Peter H. Raven, 240 pp, color frontispiece, hardbound, 2007. ISBN 978-0-912861-83-8. US orders: \$42.00; non-US-orders: \$55.00.

_____ VOLUME 82. Systematics of the Australian species of *Rhodamnia* (**Myrtaceae**), Neil Snow, 69 pp, 2007. ISBN 978-0-912861-82-1. US orders: \$9.00; non-US-orders: \$11.00.

_____ VOLUME 81. Revision of *Miconia* sect. *Chaenopleura* (**Miconieae**, **Melastoma-taceae**) in the Greater Antilles, Walter S. Judd, 235 pp, hardbound, 2007. ISBN 978-0-912861-81-4. US orders: \$40.00; non-US-orders: \$45.00.

_____ VOLUME 80. Revision of **Harveya** (**Orobanchaceae**) of Southern Africa, Christopher P. Randle, 74 pp, color frontispiece, 2006. ISBN 978-0-912861-80-7. US orders: \$9.00; non-US-orders: \$11.00.

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