

of French strongly preferred. We offer an outstanding benefits package. To apply, send *curriculum vitae* along with names and addresses of three references to: Missouri Botanical Garden, Human Resource Management, Attn: ACVT, Box 299, St. Louis, MO 63166-0299 or to < jobs@mobot.org > . Visit us at < http://www.mobot.org > . Review of resumes begins immediately. Position is open until filled. [Posted 29 May 2001]

Plant Taxonomist, University of Wisconsin–Stevens Point:

Nine-month, full-time lecturer position in the Department of Biology, University of Wisconsin-Stevens Point. Teaching includes multiple sessions of course in vascular plant taxonomy and senior seminar in both fall and spring semesters. A national search for a tenure-track assistant professor to fill this position will be advertised fall 2001. Qualifications include broad training in plant biology with emphasis in plant taxonomy. Dissertation and/or publications in plant taxonomy. Ph.D. preferred; ABD acceptable. Starting date: 27 August 27 2001. Salary commensurate with qualifications. (Ph.D. with no post-doctoral teaching experience can expect to make about \$28,000). Complete applications must include: (1) *curriculum vitae* with details of teaching experience, (2) names and contact information for three individuals familiar with your qualifications, and (3) copies of undergraduate and graduate transcripts (official copies will be required for hiring). Review of applications will begin 13 June 2001 and continue until position is filled. Address questions to: 715 346-2159; fax: 715 346-3624; email: < kbecken@uwsp.edu > . All applications, supporting materials and correspondence should be addressed to: Plant Taxonomist Position, Dr. Robert Bell, Chair, Department of Biology, CNR Building, University of Wisconsin–Stevens Point, Stevens Point WI 54481-3897. [Posted 28 May 2001]

Humboldt-Toiyabe Forest, USDA, Sparks, Nevada:

The Humboldt-Toiyabe Forest is seeking a botanist. This position will provide botanical expertise; coordinate the forest threatened, endangered, and sensitive plant program; function as the forest's botanist; participate as a member of the forest's ecology team; provide technical guidance and leadership in vegetative sampling methodologies for ecological classification and monitoring; coordinate with the regional ecologist and other forest service staff to provide expertise in the identification, interpretation, and application of botanical considerations for all plant species found on the forest; serve as an expert on taxonomic status for the approximately 2,500 plant taxa found on the forest; provide training programs in plant identification; provide botanical expertise in evaluating biological evaluations,

environmental analyses, forest land management plans and other documents, ensuring that sensitive, proposed, threatened, and endangered plant species determinations are both accurate and in full concurrence with the law and forest service policy. Applicants must be U.S. citizens. Deadline for application is 30 May 2001. See the full position announcement at < http://herbarium.usu.edu/humboldtToiyabe.htm > for more details and information on application procedures. [Posted 18 May 2001]

Herbarium Collections Manager, University of

Washington Herbarium (WTU): The Department of Botany at the University of Washington is seeking a collections manager for its herbarium. The position is available 16 July and will be a full-time, 12-month position. Review of applications will begin 15 June, 2001 and will remain open until filled. See our Web site at < http://depts.washington.edu/wtu/home.htm > . The collections manager will report to the curator of the herbarium and will be responsible for the day-to-day activities of the herbarium. This includes the collection, preparation, and maintenance of specimens, filling loan requests, re-filing returned loans, and keeping accurate loan records, as well as the maintenance of a small library. The collections manager will be responsible for helping develop a database system for computerization of the collections, preparation of the annual report, supervision of student assistants, visitors, and volunteers, outreach to the greater botanical community through various programs, and research related to the herbarium collections. The opportunity also may arise to contribute to teaching in the Department of Botany. The collections manager should be knowledgeable about a broad range of plant groups and have particular expertise in at least one. Requirements: Training in systematic botany with a M.S. in botany or biology is required. Desirable: Ph.D.

Melbourne; Joe Miller, Centre for Plant Biodiversity Research and David Morrison, University of Technology; Sydney. For further details and to express interest in attending the conference please check the Web site at < <http://www.science.uts.edu.au/sasb/legumes.html> > .

ASPT Annual Meeting

The annual meeting of ASPT will be held in conjunction with **Botany 2001: Plants and People**, which will be held 12–16 August at the Albuquerque Convention Center, Albuquerque, New Mexico. This meeting will be held in conjunction with the Botanical Society of America and other allied societies. For more information, see the meeting's Web site < <http://www.botany2001.org> > or at this address: Botany 2001, P.O. Box 75013, Cleveland, OH 44101-2199; fax: 330 963-0319; e-mail: < botany2001@conferon.com > .

5th International Flora Malesiana Symposium, 9–14 September 2001

The International Flora Malesiana Symposia takes place every three years hosted by different institutions involved in the Flora Malesiana Project. They provide the opportunity for Flora Malesiana members to exchange ideas, report research findings and progress, and to workshop issues of progressing and managing the Flora Malesiana Project. The Flora Malesiana symposia continue to provide a catalyst for dramatically increased output of plant biodiversity information. For information about the 2001 conference and associated workshops, consult the Web page at < <http://plantnet.rbgsyd.nsw.gov.au/fm/circular2.htm> > .

Assembling The Tree of Life, American Museum of Natural History, New York, 20–22 September 2001

The Tree of Life Symposium will be held at the American Museum of Natural History, New York, 20–22 September 2001. It will include three full days of scientific papers summarizing current understanding of phylogenetic relationships of all major groups of organisms. In addition, a series of plenary lectures will address the importance of phylogenetic knowledge for advances in human health, genomics, developmental and comparative biology, as well as the implications of phylogenetic knowledge for understanding humanity's place in nature. The Tree of Life Symposium will bring together dozens of the world's

authorities to produce a summary of our current knowledge of life's history that will at once propel the science forward to new understanding and at the same time be accessible to the broad general public. A major objective of the symposium is to bring the Tree of Life into society and the classroom. The period 2001–2002 has been designated the International Biodiversity Observation Year (IBOY) by the international biodiversity science programme, DIVERSITAS. As part of IBOY, a series of signature projects have been identified that will be international in scope, advance knowledge in biodiversity science, and communicate that new understanding to society. One of the flagship IBOY initiatives is Assembling the Tree of Life (ATOL). Sponsors: The Tree of Life Symposium is a product of the International Biodiversity Observation Year of DIVERSITAS. Its major sponsors are the American Museum of Natural History and Yale University. Other support comes from the International Union of Biological Sciences (IUBS), one of the sponsors of DIVERSITAS and IBOY. Participants: The following is a list of scientists who have agreed, at this time, to participate in the symposium; others have been invited. Papers will be multi-authored, thus numerous other leaders in phylogenetics can be expected to attend. Participants in plenary talks or panels: Rita Colwell, Sean Carroll, Terry Bates, Douglas Futuyma, David Hillis, David Wake. Invited speakers: Norman Pace, Sandra Baldauf, W. Ford Doolittle, John Taylor, Michael Donoghue, Andre Adoutte, Ward Wheeler, Jacques Gauthier, Herv Philippe, Rytas Vilgalys, Charles Delwiche, Kathleen Pryor, Pamela Soltis, Timothy Littlewood, Frederick Schram, Mark Siddall, David Lindberg, Jonathan Coddington, Rainer Willmann, Michael Whiting, Andrew Smith, Melanie Stiassny, David Cannatella, Michael S. Y. Lee, Joel Cracraft, Maureen O'Leary, and Bernard Wood. Contact for Information: To place your name on the mailing list for the conference and to receive further details regarding the conference and registration, please send an e-mail with your name and mailing address to < tolsymposium@amnh.org > or call 212 769-5200.

Fourth International Triticeae Symposium, 10–22 September 2001

The Fourth International Triticeae Symposium will take place in Cordoba, Spain. The goal of the symposium is to promote exchange among the diverse scientists that work on this important tribe. Topics covered include systematics, evolution, biodiversity, biogeography, genetic resources, and utilization. For more information about the symposium and access to registration forms, see < <http://herbarium.usu.edu/triticeae/tritsym.htm> > or contact Prof. Antonio Martin and Dr. Pilar Hernandez at Instituto de Agricultura Sostenible, Apdo. 4084, 4084 Cordoba, Spain or < gelmamua@uco.es > .

XV Mexican Botanical Congress 14–19 October 2001

The XV Mexican Botanical Congress will be held October 14–19, 2001 in Queretaro, Mexico. The scientific program includes symposia on ecology, systematics, education, and ethobotany. Contributed posters are encouraged. Field trips are being planned. For further details please check

of bees on a worldwide basis and, for the first time, presents keys to genera, subgenera, and higher taxa for the entire globe. The course objectives are presented in the course announcement, which can be accessed at this URL < <http://www.geocities.com/beecourse/> > . Also available is the application form for the 2001 course,

which will be held at the Southwestern Research Station, Portal, Arizona, 17–27 August 2001.

BOOKS RECEIVED

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

BOOKS AVAILABLE FOR REVIEW, June 2001

Investigations into the Systematic Botany and Phylogenetic Relationships of Takhtajania perrieri (Capuron) Baranova and J.F. Leroy (Winteraceae). Twelve papers by numerous authors. 2000. Annals of the Missouri Botanical Garden Volume 87, Number 3. ISSN 0026-6493. \$35.00. Missouri Botanical Garden Press, 4344 Shaw Boulevard, St. Louis, MO 63110.

Biodiversity and Sustainable Conservation by Har Darshan Kumar. 1999. 409 pp. ISBN 1-57808-076-2. \$79.50 (hbk). Science Publishers, PO Box 699, Enfield, NH 03748.

Biodiversity of Cyanoprocarvites, Algae and Fungi of Israel: Cyanoprocarvites and Algae of Continental Israel by Eviatar Nevo and Solomon P. Wasser (eds.). 2000. 629 pp. ISBN 3-940144-23-5. DM 290 (hbk). Koeltz Scientific Books, Herrnwaldstr. 6, D-61462, Königstein, Germany.

Biological Thermodynamics by Donald T. Haynie. 2001. 379 pp. ISBN 0-521-79549-4. \$35.95 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211.

Blumea Supplement 12: Taxonomy, Phylogeny, and Biogeography of Baccaurea, Distichirhops, and Nothobaccaurea (Euphorbiaceae) by Raoul Haegens. 2000. 218 pp. ISBN 90-71236-46-3. NLG 100.00 (pbk). Nationaal Herbarium Nederland.

Bryophyte Biology by A. Jonathan Shaw and Bernard Goffinet (eds). 2000. 476 pp. ISBN 0-521-66794-1. \$35.95 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211.

The Cambridge Illustrated Glossary of Botanical Terms by

Michael Hickey and Clive King. 2000. 208 pp. ISBN 0-521-79401-3. \$29.95 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211.

Catalogue of the Vascular Plants of Guaramacal National Park, Portuguesa and Trujillo States, Venezuela by Lawrence J. Dorr, Basil Stergios, Alan R. Smita, and Nidia L. Cuello A. 2000. 155 pp. ISSN 0097-1618. Contributions from the U.S. National Herbarium Volume 40, Department of Botany, National Museum of Natural History, Smithsonian Institution, Washington, DC.

Categorical Glossary for the Flora of North America Project by Robert W. Kiger and Duncan M. Porter. 2001. 165 pp. ISBN 0-913196-70-3. \$5.00. Hunt Institute for Botanical Documentation, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890.

Conservation of Plant Genetic Resources In Vitro, Volume 2: Applications and Limitations by M. K. Razdan and E. C. Cocking. 2000. 315 pp. ISBN 1-57808-055-X. \$88.00 (hbk). Science Publishers, PO Box 699, Enfield, NH 03748.

Detection and Isolation of Soil Fungi by Pierre Davet and Francis Rouxel. 2000. 188 pp. ISBN 1-57808-125-4. \$49.50 (pbk). Science Publishers, PO Box 699, Enfield, NH 03748.

Diatoms of Europe Volume 1: The Genus Pinnularia by K. Krammer. 2000. 703 pp. ISBN 3-904144-24-3. DM 380 (hbk). Koeltz Scientific Book, Herrnwaldstrasse 6, D-61462, Königstein, Germany.

Ecology and Biogeography of Pinus by David M. Richardson (ed.). 1998. 527 pp. ISBN 0-521-78910-9. \$54.95 (pbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211.

Emanuel D. Rudolph's Studies in the History of North American Botany by Ronald L. Stuckey and William R. Burk (eds.). 2000. xxx + 376 pp. ISBN 1-889878-05-07. \$45.00 (pbk). Sida, Botanical Miscellany, No. 19. Botanical Research Institute of Texas, 509 Pecan Street, Fort Worth, TX 76102-4060.

Enduring Perfection: Paintings by Damodar Lal Gurjar; Catalogue of an Exhibition, 26 April–31 July 2001 by James J. White and Lugene B. Bruno. 2001. 44 pp. ISBN 0-913196-71-1. \$10.00 (pbk). Hunt Institute for Botanical Documentation, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890.

Enfoques Contemporáneos para el Estudio de la Biodiversidad by Héctor M. Hernández, Alfonso N. García Aldrete, Fernando Álvarez, and Miguel Ulloa. 2001. 413 pp. ISBN 968-36-8305-3. Price unknown (pbk). Instituto de Biología, UNAM, Ciudad Universitaria, 04510 México, D. F.

The European Garden Flora: A Manual for the Identification of Plants Cultivated in Europe, Both Out-of-Doors and Under Glass, Volume 6; Dicotyledons (Part IV), Loganiaceae to Compositae by numerous editors. 2000. 739 pp.

(pbk). Smithsonian Institution Press, Washington, DC. *Plant Systematics* by Gurcharan Singh. 1999. 258 pp. ISBN 1-57808-077-0. \$39.50 (pbk). Science Publishers, PO Box 699, Enfield, NH 03748.

Plants of Central Asia; Plant Collections from China and Mongolia Volume 3: Sedges–Rushes by V. I. Grubov (ed.). 2000. 149 pp. ISBN 1-57808-114-9. \$79.00 (hbk). Science Publishers, PO Box 699, Enfield, NH 03748.

Seagrass Ecology by Marten A. Hemminga and Carlos M. Duarte. 2000. 298 pp. ISBN 0-521-66184-6. \$80.00 (hbk). Cambridge University Press, 40 West 20th Street, New York, NY 10011-4211.

A World Synopsis of the Genus Grimmia (Musci, Grimmiaceae) by Jesús Muñoz and Francisco Pando. *Monographs in Systematic Botany* Volume 84. 2000. 133 pp. ISBN 0-915279-92-4. \$22.00 (pbk). Missouri Botanical Garden Press, 4344 Shaw Boulevard, St. Louis, MO 63110.



ELECTRONICALLY DISTRIBUTED PRODUCTS

MacClade 4: Analysis of Phylogeny and Character Evolution by David R. Maddison and Wayne P. Maddison. 2001. CD-ROM. ISBN 0-87893-470-7. Sinauer Associates, Inc., Publishers. P.O. Box 407, Sunderland, MA 01375-0407. Two distinct versions are available. The full version may be purchased on an individual basis (\$125.00; upgrade pricing available) or as a site license for simultaneous use on multiple computers (\$500.00 for up to 10 users). A Classroom Version is available (\$400.00 for up to 10 users) that allows instructors to

NEW WEB SITES

There are many links on other Web sites (start with < <http://www.csdl.tamu.edu/FLORA/ftp/tfplinks.html> >) to pages that have information applicable to plant taxonomy. On this current page, we will add new sites as they come to our attention. If you have a new or revised Web site that may be of interest to the membership of ASPT, please send the URL address to the editor of the Newsletter. This section is not intended to be a comprehensive list of all sites useful to plant taxonomists.

The Missouri Botanical Garden Library is proud to present its Rare Book Digitization Project, funded by the Andrew W. Mellon Foundation. The goal of the project is to digitize and preserve beautifully illustrated and botanically significant books in our private holdings in order to

make them available to an international audience. This project will result in a large database of botanical and gardening books available to scholars, gardeners, and book enthusiasts through this Web site. Eight volumes are currently on-line at < <http://ridgwaydb.mobot.org/mobot/rarebooks/> > . You can browse through the books or search for a specific illustration by scientific name. Full-text searching will be added as the project progresses. The available volumes are: Émile Desvaux, *Gramineae Chilenses*, 1853; Aylmer Bourke Lambert, *A Description of the Genus Cinchona*, 1797; Charles Antoine Lemaire, *Iconographie descriptive des cactées*, 1841–1847; Franz Eugen Köhler, *Köhler's Medizinal-Pflanzen in naturgetreuen Abbildungen mit kurz erläuterndem Texte*, 1883–1914; Nicolaas Meerburgh, *Afbeeldingen van zeldzaame gewassen*, 1775; Nicolaas Meerburgh, *Plantarum selectarum icones pictae*, 1798; Jean Henri Jaume Saint-Hilaire, *Traité des arbrisseaux et des arbustes cultivés en France et en pleine*, 1825; James Edward Smith, *Icones pictae plantarum rariorum descriptionibus et observationibus illustratae*, 1790–93. Comments about the site may be directed to James Solomon at < jim.solomon@mobot.org > or Chris Freeland < freeland@mobot.mobot.org > .

18th Century Herbarium on-line. The Natural History Museum, London UK, has launched a new Web site dedicated to an important 18th century botanical collection, The George Clifford Herbarium < <http://www.nhm.ac.uk/botany/databases/clifford/index.html> > . This new site, which is accompanied by background information on the collector and his significance, enables scientists, historians and the general public to view collections that are normally restricted in access due to their age, importance, and fragility. The collection contains a high proportion of historically and nomenclaturally important specimens particularly regarding their close association with Carl Linnaeus and the Hortus Cliffortianus. Accompanying databases allow the specimen images to be readily correlated with this work and more recent identifications. This new site complements three other NHM on-line botanical collections: Clayton Herbarium < <http://www.nhm.ac.uk/botany/clayton> > ; Sloane Jamaican Collections < <http://www.nhm.ac.uk/botany/databases/sloane/index.htm> > ; and Hermann Sri Lankan Collections < <http://www.nhm.ac.uk/botany/databases/hermann/index.htm> > . Other historical collections will be available later in the year.

The Archives and Manuscripts Collections of the LuEsther T. Mertz Library at the New York Botanical Garden maintains a collection of items, artifacts, and papers resulting from the research of botanical explorers and researchers associated with the institution. The holdings of these collections have been summarized on newly released Finding Guides, which are available on the Web at < <http://www.nybg.org/bsci/libr/List1.html> > . The guides provide an index to the materials in the collection and were created to aid the researcher in locating material within the collections. The guides also provide personal and professional biographical notes of many of the men and women who have contributed to the history of botanical exploration and the evolution of the modern conservation movement. The catalogue of the LuEsther

a fellow taxonomist. For users of taxonomic expertise it is nearly impossible to find a specialist. To our most recent estimates there are presently only about 5000 experienced taxonomists in the world. Wouldn't it be nice to have a central point on the Internet where you could find the basic information about your colleagues? With the World Taxonomist Database, ETI offers you an online taxonomists directory service. The URL is < <http://www.eti.uva.nl/Database/Database.html> > .

Earlier this year the **National Science Foundation** funded a workshop at Yale University to assess the need for an increased research effort to assemble a much more complete picture of the **Tree of Life** (TOL), and to make recommendations on how that effort might be undertaken over the next decade. We are pleased to announce the posting of the final report of that workshop on the Web. The report can be downloaded (in PDF format) from: < <http://research.amnh.org/biodiversity/> > . Two more TOL workshops are planned this fall. One at the University of California, Davis, will explore issues in phyloinformatics, and a second at the University of Texas, Austin, will address data gathering and analysis. We believe this initiative will significantly advance our understanding of life's history and therefore will be of immense benefit to all biological sciences and to society as a whole.

NCSC, the herbarium of North Carolina State University, is pleased to announce its new Web site < <http://www.cals.ncsu.edu/botany/ncsc/index.htm> > . The new site presents information regarding our services, use and loan policies, collection (including types), staff, and opportunities, as well as links to related sites. We provide complete label information, as well as images, for all 28 taxa of our small type collection. Links to other herbaria with on-line type collections are also provided.

Flora of the Canadian Arctic Archipelago by S. G. Aiken, M. J. Dallwitz, L. L. Consaul, C. L. McJannet, L. J. Gillespie, R. L. Boles, G. W. Argus, J. M. Gillett, P. J. Scott, R. Elven, M. C. LeBlanc, and A. E. Zamluk. This project is working to produce the flora of the vascular plants of the Canadian Arctic Archipelago in the DELTA electronic database format that will allow illustrated, interactive identification of the approximately 400 taxa of flowering plants on the Arctic Islands. Floristic data are being gathered by Susan Aiken (editor) and many contributors. Design of database structures and procedures, and maintenance of the databases on the Web, are being done by M. J. Dallwitz. The Poaceae treatment was first released in 1995, that of the Saxifragaceae in 1997, the Salicaceae, Cyperaceae, and Fabaceae in 1999, and the Juncaceae, Liliaceae, Ranunculaceae in 2000. Treatments for the Brassicaceae, Pteridophytes, and smaller families such as Betulaceae, Campanulaceae, Gentianaceae, Papaveraceae, Plantaginaceae, and Primulaceae, are developing. The information recorded includes place of valid publication, synonymy (usually limited to names that have been associated with the Canadian Arctic), common names, vegetative and floral morphological characters (many more than present floras of the area), distribution (sometimes including information about the northernmost record of the taxon), and habitat. There are notes on ecology, indigenous knowledge, economic uses,

and other miscellaneous information. The database is illustrated with maps for each taxon, colour photographs and line drawings of characters useful for identification, and colour photographs and line drawings of the taxa and their habitats. The geographical scope of this study includes all of the Nunavut, the islands of the Northwest Territories, and the islands of Nunavut north of 55°N in northern Hudson Bay (including Southampton Island, White and Caribou Islands, Coats Island, Bencas Island, Digges and Mansel Islands) and Akpotok Island in Ungava Bay. The Web site is < <http://www.mun.ca/biology/delta/arcticf/www/intro.htm> > .



ADDENDUM

Chairperson, Department of Plant Biology, Michigan State University: Michigan State University invites applications and nominations for the position of Chairperson for its new Department of Plant Biology. Candidates should be qualified to hold the rank of tenured Full Professor. The department has more than 30 faculty members, strong graduate and undergraduate programs, and a support staff of career professionals. It is built on the concept of integrating all sub-disciplines of plant biology, ranging from evolution and ecology to molecular genetics. It maintains a close working relationship with the adjoining MSU-DOE Plant Research Laboratory and with other academic units in the biological sciences. Research is conducted in a modern research building, at an on-campus field facility, at the Kellogg Biological Station, and at field sites throughout the world. The department is funded internally by the College of Natural Science and the Michigan Agricultural Experiment Station. The new chairperson will have the opportunity to significantly influence the future direction of the new department through the filling of several open positions. The chairperson is expected to provide leadership and to promote a creative environment for instruction and research. Candidates must possess an established record of scholarship, proven leadership and interpersonal skills, and a vision of innovative programs in research and education. Continuation of an active research program is encouraged and supported. Applicants and nominees should submit a complete *curriculum vitae* and any supplemental material that they deem helpful for a preliminary screening. Every effort will be made to maintain confidentiality until the final slate of candidates is selected. Review of applications will begin 1 October 2001, and will continue until the position is filled. Please send application materials to: Chairperson Search Committee, Department of Plant Biology, 166 Plant Biology Building, Michigan State University, East Lansing, MI 48824-1312. [Posted 21 June 2001]



