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“Improving preservation, conservation and management of natural history collections to ensure their continuing value to society.”

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20<sup>th</sup> ANNIVERSARY

# SPNHHC NEWSLETTER

**Society for the Preservation  
of Natural History Collections**

March 2005  
Volume 19, Number 1

## Preserving America’s Fossil Heritage

JOSEPH HATCHER

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From New York to San Diego and New Haven to Atlanta, the United States is world renowned for its prestigious museums of natural history. Institutional names such as Philadelphia’s Academy of Natural Sciences, the American Museum of Natural History in New York City and the National Museum of Natural History at the Smithsonian Institution in our nation’s capitol are familiar to academics, tourists, and dinosaur enthusiasts around the globe. Throughout history, these institutions have led field parties throughout the world in an attempt to amass a large collection of fossils, artifacts, and relics of both historic and pre-historic significance. At times, these field expeditions have led to bitter rivalries and feuds which have become legendary in their own right, though ultimately leading to the advancement of science for all mankind. Today, people can tour the exhibit halls in the American Museum of Natural History and see *Tyrannosaurus rex*, collected in 1902 by Barnum Brown in the badlands of Hell Creek, Montana, or dinosaur trackways collected by Roland T. Bird in the Paluxy River bed near Glen Rose, Texas. While these museums are visited by thousands, or even millions of tourists each year in our nation’s largest cities, most of which lie east of the Mississippi River, what of the original sites of discovery?

Enter the National Park Service of the United States Department of the Interior. Preserving nature, culture, and history in the form of national parks, historic sites, monuments and battlegrounds, the National Park Service is perhaps less frequently recognized for its preservation of paleontological resources at the original localities from which many of our museums have amassed their collections.

By an Act of March 1, 1872, Congress established Yellowstone National Park as “a public park or pleasuring ground for the benefit and enjoyment of the people.” (Kieley, 1940) Over 130 years later, today the National Park System is composed of 384 areas extending some 83 million acres in 49 states, the District of Columbia, American Samoa, Guam, Puerto Rico, Saipan, and the Virgin Islands. (Kieley, 1940) By the very nature of its mission statement, which reads “to preserve unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations,” (Kieley, 1940) the National Park Service works hard to preserve the American legacy, from pre-human America at Triassic-aged Petrified Forest National Park in Arizona to our nation’s birth at Independence National

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 .....Preserving America's Fossil Heritage

## Historical Park in Philadelphia.

Many of our National Parks and Monuments, located primarily in the western interior of our continent, pay special tribute to a time before man, when our world was populated by many floral and faunal forms now long gone. Unlike the great museums of the East, the National Park Service has preserved many of the original fossils in situ, rather than as cast replicas or in collection storage facilities. At these sites of discovery in the American West, where fossil relics are now preserved for the enjoyment and education of the public in their original location, they are also protected against theft, commercial collection, vandalism, and in some cases, even against the elements of erosion. In addition to the in situ preservation of these fossils, the National Park Service also has museum quality displays in park visitor's centers, offers public interpretive programs, publishes educational materials, and works closely with scientists who, by permit, can continue to study and collect data from these park localities.

Petrified Forest National Park, located in eastern Arizona, is an easily accessible outdoor classroom of natural history and a fine example of preservation stewardship. After a field investigation of the area in 1899, Lester Ward, paleobotanist to the United States Geological Survey recommended to Congress that the area be withdrawn from homesteading and placed under protection of the federal government. (Tuttle, 1990) Then, after Congress passed the Antiquities Act in 1906, President Theodore Roosevelt declared the area as a national monument until, after several additions of adjacent land areas, in 1962 the monument was redesignated as Petrified Forest National Park. (Tuttle, 1990) Preserving the 93,493 acres of the park, the National Park Service enforces strict laws prohibiting the removal of petrified wood, fossils, and all other artifacts from the park in order to preserve them for the enjoyment of future generations. In addition to law enforcement, the National Park Service works hard to preserve some of the park's other curiosities, such as at Agate Bridge, a petrified log over one hundred feet in length, straddling an eroded ravine. In an attempt to protect the log against erosional forces, the addition of support beams have been placed beneath the log so as to preserve the beauty and uniqueness of Agate Bridge for years to come. (Tuttle, 1990) The Rainbow Forest Museum and Visitor's Center, located at the park's south entrance, displays petrified wood and dinosaur fossils from the park's Triassic Upper Chinle Formation. In addition there are a variety of ranger led interpretive programs such as the Triassic Park Program, a twenty minute ranger guided walk along the park's Giant Log Trail. The Junior Ranger Program provides children an educational opportunity to learn about the park and its resources at leisure and is fun for the whole family. At Petrified Forest National Park, the National Park Service has taken another step in its education programs such as the Paleontology Module, a hands-on educational curriculum based activity for school field trips and other groups.

The National Park Service Paleontology Program, in keeping with their mission statement, focuses its efforts on the preservation of fossils and other natural geologic processes in the parks. Fossils (invertebrate, plant, vertebrate and trace) have been found in over 145 units of the National Park System and together, provide a comprehensive history of life throughout geologic time, from the Precambrian to the Pleistocene.

<http://www2.nature.nps.gov/geology/paleontology/index.htm>

In May of 2000, the Secretary of the Interior, reporting in *Fossils on Federal and Indian Lands* listed seven principles governing fossil management by the National Park Service.

They are as follows:

Principle #1- Fossils on federal lands are a part of America's heritage.

Principle #2- Most vertebrate fossils are rare.

Principle #3- Some invertebrate and plant fossils are rare.

Principle #4- Penalties for fossil theft should be strengthened.

Principle #5- Effective stewardship requires accurate information.

Principle #6- Federal fossil collections should be preserved and available for research and public education.

Principle #7- Federal fossil management should emphasize opportunities for public involvement.

<http://www.doi.gov/fossil/fossilreport.htm>

Such principles are essential to the care and management of National Park paleontological resources. Principles 2 through 6 directly pertain to preserving such resources from damages of natural and human origin. Principles 1, 6, and 7 indicate the National Park System makes educational use of their protected resources (Paleontology Module at Petrified Forest National Park), and Principle 5 is the cornerstone of preservation. With the modern technological support of Global Positioning Systems and Geographic Information Systems (GIS) software, the National Park Service can now keep detailed accurate information on the locations of fossil localities within the parks and can rely on visitors and volunteers to provide such information, thus reducing the cost of park service manpower to collect such data. With such accurate electronic and digital models, the National Park Service can better manage, and thus preserve, America's fossil heritage.

The National Park Service also publishes a wealth of information concerning park paleontology for any who are interested. Such publications as the newsletter *Park Paleontology* and *NPS Paleontological Research* serve to communicate information on the preservation and resource management of fossils in the park system. The Paleontology Internship Program and Geoscientists-in-the-Parks Program serve to educate

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# Presidential Report

IRIS HARDY

Geological Survey of Canada (Atlantic), 1 Challenger Drive, P.O.Box 1006  
Dartmouth, Nova Scotia, Canada B2Y 4A2

SPNHC, as an organization, continues to demonstrate innovative and exemplary approaches to improving the level of care provided to natural history collections throughout North America and around the world. This has been achieved, through the promotion of best practices via Collection Forum and directly, by the participation of our members through the SPNHC Newsletter and website.

In its infancy SPNHC was considered a platform to encourage communication amongst collections people with diverse backgrounds and origins, having very similar practical problems dealing with the development, management and general care of natural history collections. This is reflected in a quote from the first Collection Forum Bulletin Vol.1, No. 1 October 1985 that..."Curators of scientific collections have been divided and conquered for too long and we need an organization that we can call upon to stand up for us in carving out a niche in our complex society." And just look at how far we've come...

Now twenty years later with membership at a plateau of approximately 575 members, representing some 26 countries and 10 major natural history institutions worldwide, we continue to interact with each other through hands-on meetings, co-hosting of annual meetings with other renowned professional organizations, have supported two major international world congresses, have continued to stimulate original research through monetary awards, and encourage discussion through meetings and Newsletters as well as provide advice to others, through our website [www.spnhc.org](http://www.spnhc.org). But most importantly we have fostered interconnectivity between our various institutions and each other.

If one is to reflect on our past we must first thank our charter members and give a special thanks to Steve Williams who suggested the original name of the Society for the Preservation of Natural History in October 1985. Collections, I understand, was added to the present name but was not officially formalized until the first annual meeting held at the Smithsonian in May 1986. By May 1988 with the society's bylaws in place, independent efforts in Canada and the United States were initiated to obtain tax-free status as a non-profit agency. With growth and refinements these bylaws would evolve as would our membership as they appear on our website today. Annual meetings continue to alternate between Canada and the USA, and only twice have sponsoring institutions hosted us twice: the Smithsonian, Washington, DC, and the Redpath, McGill University, Montreal, Canada.

Many of the successes of SPNHC are directly attributable to the activities and accomplishments of the various Standing and Sessional Committees, and it is my mandate to promote more participation by our membership, so we can continue to evolve and provide important services to our general membership. Society accomplishments have been attained through the growing number of dedicated individuals who somehow continue to contribute their time and expertise through services to these committees, publications, participation at annual meetings and promotion of professional development and networking we have come to rely upon. These people through their personal and professional commitment make SPNHC happen. You know who you are and we thank you sincerely for without you SPNHC would not have achieved its many accomplishments - as Steve Williams in Collection Forum

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The **Society for the Preservation of Natural History Collections** was formed in 1985 and is recognized as a non-profit organization [501(c)(3)] in the United States. SPNHC members receive *Collection Forum*, a biannual journal of reviewed technical information, and two issues of the *SPNHC Newsletter* each year. The Society for the Preservation of Natural History Collections (SPNHC) is a multidisciplinary organization composed of individuals who are interested in development and preservation of natural history collections. Natural history collections include specimens and supporting documentation, such as audio-visual materials, labels, library materials, field data, and similar archives. The Society actively encourages the participation of individuals involved with all aspects of natural history collections.

The **SPNHC Newsletter** (ISSN 1071-2887) is published twice a year, March and September, by the Society for the Preservation of Natural History Collections, c/o Division of Ichthyology, Natural History Museum & Biodiversity Research Center, University of Kansas, Dyche Hall, 1345 Jayhawk Boulevard, Lawrence, KS 66045-7561, USA.

**Changes of address** should be directed to Lisa Palmer, Treasurer, PO Box 797, Washington, DC 20044-0797; [palmer.lisa@nsmh.si.edu](mailto:palmer.lisa@nsmh.si.edu).

**Submissions** are welcome. Please forward announcements, articles and notes to the Newsletter Editors by mail or email.

**Deadline** for the next Newsletter is August 1, 2005.

*Continued from page 3:  
.....Presidential Report*

Vol. 11(2) 1995 states..." This is without a doubt, a success story of what individuals with a common cause can achieve." Please read SPNHC: The second ten years (1995-2005) by Stephen Williams and Suzanne McLaren\* as we commemorate and reflect on the accomplishments of our Society over the past twenty years. As they observe, "SPNHC is the most important resource in the world for serving the interests of natural history collections." Congratulations to us all and well done!

\* Look for the upcoming article "SPNHC: The second ten years"

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## COMMITTEE REPORTS

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### Conservation Committee Report

Resources Subcommittee:

Co-Chairs: Cindy Ramotnik (US), Janet Waddington (Canada)

Cindy Ramotnik writes that since the last newsletter, the loan activity for the American RDU involved one venue - it was displayed at the 2004 annual meeting of the Western Association for Art Conservation, Santa Fe, New Mexico, 2-4 October. Since that venue, there has been one inquiry for the handouts. Cindy has also updated the "Suppliers and Manufacturers" handout. She is sending the updated suppliers and manufacturers information to Jon Greggs for the website.

Janet writes that Kasey Brewer borrowed the Canadian RDU in December for a display on Preventive Conservation at the Royal BC Museum in Victoria. The RDU then went to the Surrey Art Gallery just outside Vancouver for an "Art and Artefact Handling Regional Workshop" sponsored by the BC Museums Association in January. Diane Falvey, who organized the loan at the Surrey Art Gallery, raved about the display and will be writing a report of her workshop for the CAC newsletter and will put in a plug for the display.

Citations Subcommittee:

Chair: Marcy Revelez

Chair Marcia (Marcy) Revelez has been working with current and new subcommittee members to assemble a functional list. I would like to welcome some new persons to the subcommittee who have graciously agreed to serve as reviewers. Joanna Morton joined last October and is a Conservator of Objects in Wellington, New Zealand. The other two were locally recruited from the Sam Noble Oklahoma Museum of Natural History. Victoria Book is our Conservator. She arrived in October and is just the third conservator to move to the state. Christina (Chris) Wolfe is our Collection Manager in Herpetology and will be a great asset for herpetological and

IPM information. Please join me in welcoming these three to the subcommittee!! If anyone is interested in joining the citations subcommittee, please contact Marcy (see section, "Publications of Interest" for contact information).

Currently, the subcommittee is working on compiling a comprehensive list of all journals under review. This list will be made available to everyone either on the website or in the next newsletter. If anyone has any comments or recommendations, please contact the subcommittee chair.

Adhesives Subcommittee:

Chair: Gretchen Anderson

The Adhesives Subcommittee reports that a workshop on the evaluation of adhesives for use with natural history specimens is still being planned (potentially to be held in 2007) and funding is being sought.

Respectfully Submitted,

Barbara Hamann

Jude Southward, Co-Chairs

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### Education & Training Committee Report

The excellent workshop entitled "Don't Panic: Emergency Response and Salvage" was planned by Barbara Moore and the Host Committee and was held May 16, 2004 at the American Museum of Natural History. Barbara Moore, M. J. Davis, and Monona Rossol presented the workshop, which included a mock disaster exercise and discussion; a contingency planning video; presentations on recovery operations; tabletop disaster scenarios; and hands-on opportunities for participants to practice salvaging damaged items.

For the 2005 meeting in London, the workshops being planned are: "Standards in the Care and Management of Natural History Collections", coordinated by Paul Davis; "Integrated Pest Management", coordinated by Adrian Doyle; and "Risk Management", coordinated by Chris Collins and Rob Waller. These one-day workshops will be held at the end of the 2005 conference. A future workshop on "Adhesives and Consolidants", possibly for 2006 or 2007, is under development by the Conservation Committee, with Gretchen Anderson as the lead contact.

Continuing activities for 2005 include coordinating with the newsletter editor on a new "How To" article series, to be launched hopefully in the next newsletter edition, and continuing to identify future workshop topics. Over the past decade, SPNHC workshops have ranged from one-half day to two-day sessions and have involved a variety of elements and different types of presentations. These included hands-on activities; role playing, mock disaster or other exercises; video, slide, and Powerpoint visual presentations and lectures; supplies,

materials, problem and product demonstrations; small group problem-solving and discussion or breakout sessions; facilities tours; and large group discussions.

Co-Chairs Laura Abraczinskas and Lori Benson will be stepping down this term, and would like to thank the committee members for their support and dedication over the past four years. Society President Iris Hardy will work with the outgoing Co-Chairs to identify a new Chair or Co-Chairs. Continuing goals and activities of the Education and Training Committee include 1) improving membership development and services; 2) improving professional expertise in managing and caring for collections by communicating the importance of participation in professional development activities, providing training opportunities, developing workshops, and providing for the active exchange of information; and 3) increasing collaboration with other organizations.

**Committee Members:**

Laura Abraczinskas,	outgoing Co-Chair
Lori Benson,	outgoing Co-Chair
Elana Benamy	
Denny Diveley	
Iris Hardy	
Linda Hollenberg	
Bushra Hussaini	
Barbara Moore	
Jeff Stephenson	

Respectfully submitted,  
Laura Abraczinskas and Lori Benson

## Publications Committee Report

Collection Forum Volume 19 is nearly ready to go to press. It will include an article on the second ten years of SPNHC in recognition of our 20th anniversary. The full text for Volume 18 is now available on the SPNHC website ([www.spnhc.org](http://www.spnhc.org)).

Steve Williams and Cathy Hawks have finished compiling the papers for "Museum Studies: Perspectives and Innovations" in memory of Carolyn Rose, and the editing and layout process can now begin.

Members are reminded that manuscripts for Collection Forum are always welcome. Please check the website under Publications for the revised guidelines to authors. As well as papers of a more philosophical nature, we are also welcoming short articles describing an innovative technique for collections storage or care. Submissions of manuscripts can now be made electronically. If you have any questions about Collection Forum, or would like to be an associate editor, please contact the Managing Editor at [janetw@rom.on.ca](mailto:janetw@rom.on.ca).

Respectfully submitted,  
Janet Waddington

## Membership

Membership applications for individuals (US\$25), Libraries (US\$30) or Associate/Institutional (US\$50) may be submitted to:

*Lisa F. Palmer, SPNHC Treasurer*  
P.O. Box 797  
Washington, DC 20044-0797  
USA

Be sure to include the following information:

*Name, Discipline Specialty, Institution*  
*Address (Street, City, State/Province, Country, Zip/Postal Code)*  
*Voice telephone, Fax Telephone, E-mail address*

Payment may be made by cheque, money order, Visa or Mastercard.

Membership application/renewal form by portable document (Adobe Acrobat Reader required): <http://www.spnhc.org/renew.pdf>

Membership application/renewal form by Word file: <http://www.spnhc.org/renewal.doc>

## Life Membership

The SPNHC Life Membership is a special membership category for those interested in the long-term financial stability of our organization. Life membership monies are invested towards the future goals of the Society. SPNHC life memberships are available for \$625. The fee is 25 times the Individual Membership rate, currently \$25. Life Memberships may be paid in one of three ways:

- (1) one-time payment of \$625;
- (2) two-year installments of \$350/1<sup>st</sup> year and \$275/2<sup>nd</sup> year;
- (3) three-year installments of \$300/1<sup>st</sup> year, \$200/2<sup>nd</sup> year and \$125/3<sup>rd</sup> year.

Please contact the Treasurer should you require further information about life memberships.

*Lisa F. Palmer, Treasurer*  
*National Museum of Natural History*

## Web Committee Report

The web committee needs your help!

Some of you are likely aware that we are in the process of reevaluating and redesigning the SPNHC website. Members and other interested browsers can look forward to a new look-and-feel just in time for spring. We are in the process of evaluating several content management software packages that would allow us to provide more current and dynamic content to our users. We will keep you posted on our progress and look forward to your feedback when the new design goes live.

One of our ideas is to add more pictures to the site to better show what SPNHC members do in their work day-to-day. If you have any images you would be willing to have posted on the website please send them (preferably as JPG files at their original resolution). If you wish to have the photographer cited, please provide the name and year. Photographs can be sent via e-mail to James Macklin: [macklin@acnatsci.org](mailto:macklin@acnatsci.org) (don't worry my account does not have memory restrictions!).

Thank you for your contribution.

Respectfully submitted,  
James Macklin, Chair

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## Sessional Committee Report:

### Transportation of Dangerous Goods

The Committee was established to inform the SPNHC membership about the existence of international regulation on the transportation of hazardous substances/dangerous goods and to determine whether special exemptions could be created for museum collections. By now, many members are aware that there are restrictions on the handling and transport of certain materials. Inside the U.S. these have been termed 'hazardous substances' since legislation in 1974. However, internationally almost all the same materials are referred to as 'dangerous goods.' For the sake of brevity, the latter term has been used by SPNHC.

Any institution that employs people who handle these materials in the U.S. is required to have at least one person certified to do so. Certification can be obtained through a one-day training class. Although the materials that we handle such as formalin, formaldehyde, various types of alcohol, and dry ice are only a tiny fraction of the list of such materials, we cannot escape the requirements for certification. As a result of the

certification requirements, no one on our committee is legally qualified to instruct the membership on specifics about handling of these materials. We urge you to discover whether you have a certified staff member at your institution. This may include someone in the Security Department, the Mailroom, at the Chemical Store or one or more Collection Managers, for example. If no one at your institution is certified, it is quite important to rectify the situation as soon as possible.

Many of the regulations have been in place for several decades but enforcement has become much more stringent in recent years. Fines for failure to comply with regulations involving shipping of these materials were increased significantly in March of 2003. Members of this committee have discussed the regulations that apply to our shipments and have learned that interpretations vary among local authorities as well as with those who hold the certification training classes. Our circumstances are clearly unusual compared to many of the commercial applications for which these rules were intended and applied everyday. There is a growing concern that without the establishment of special exceptions for museum specimens, we may be at the mercy of different interpretations leading to unexpected fines OR unnecessary restriction in our specimen loan transactions.

In the autumn of 2004, Andy Bentley discovered an appropriate contact at the International Air Transport Association. On behalf of the Committee he contacted Dave Brennan, Assistant Director of Safety and Dangerous Goods at IATA for advice. Mr. Brennan suggested that we consider sending information to the representative of the International Civil Aviation Organization (ICAO) Dangerous Goods Panel. The ICAO writes IATA regulations and planned to meet in Geneva in October 2004. Andy constructed a letter, approved by this Committee and forwarded it to Mr. Robert Richards. Mr. Richards came back to us about six weeks later, proposing that Special Provision already written into the UN Model Regulations might fit our needs. After careful reading of this information by numerous people, it was determined that the Special Provision would not address most museum collections being sent on loan internationally nor incoming materials from the field. Therefore, it appears that we need to enlist Mr. Richards' assistance in what he termed "additional regulatory actions." The good news is that it was Mr. Richards who suggested that there might be hope for regulatory relief. The bad news is any such actions will take time. For additional information, please refer to the Spring 2004 SPNHC Newsletter.

Suzanne McLaren, Chair

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## Sessional Committee Report:

### 20th Anniversary



## 20<sup>th</sup> Anniversary Time

The Society for the Preservation of Natural History Collections came to be in November 1985, and it has grown in stature as we mark twenty years of service to the Natural History Community. Through the efforts of many individuals and several committees, we are celebrating this milestone. Perhaps, the most prominent element of this observance will be our upcoming Annual Meeting in London; having our first non-North American meeting, in itself, attests to our growth and commitment to the greater Natural History Community.

We have a record of which we can be proud; our publications, workshops and annual meetings are outstanding. We are looked upon as leaders in our field. That we have done all this as a volunteer organization with no paid staff is quite remarkable ... and all in twenty years.

So let us congratulate ourselves, particularly our founding members, who had the vision, together with all the officers and committee members who have kept us on course. And, do encourage your colleagues to join SPNHC, and come to our Annual Meeting in London.

Ann Pinzl  
Chair, Sessional Committee for the 20<sup>th</sup> Anniversary

## AAM Accreditation Commission Issues Revised Standards

The AAM Accreditation Commission has released a revised set of Characteristics of an Accreditable Museum, Accreditation Commission Expectations, Core Questions, and eligibility criteria. These documents are the framework of the Accreditation Program and collectively regarded as the "standards for accreditation." They became effective January 1, 2005, and are available at [www.aam-us.org/accred](http://www.aam-us.org/accred) along with a full summary of the changes. This article highlights some of the changes.

The revisions are the result of a three-year process with broad input from the field. The new characteristics replaces those in use since 1995. The Characteristics of an Accreditable Mu-

seum is now a list of thirty-eight statements describing the attributes of a professionally-run, high-functioning museum. Each characteristic is a broadly stated *outcome* for a museum to achieve—and each museum, depending on its particular type, resources, collections, mission, etc., will achieve this outcome in its own way.

Some changes to the Characteristics include increased:

- emphasis on nonprofit accountability and public trust, community engagement, and inclusiveness.
- accommodation of the increasingly complex partnerships and governance structures in which many of the museums in the program operate today.
- emphasis on the need to engage in ongoing assessment of operations and programs, and to make meaningful use of those results.
- focus on how museums fulfill their public service role by making their resources intellectually and physically accessible.

The Expectations complement the Characteristics. The Commission first began issuing them in 1999 as a way to provide more detail and guidance for museums about how it interprets and applies the Characteristics. Changes to the Expectations include:

- A new Expectation on Governance
- Revisions to existing Expectations on Mission, Planning, Code of Ethics, Delegation of Authority, and Collections Stewardship

The most notable change made to the eligibility criteria was the elimination of the minimum budget requirement (previously \$25,000).

Beth Merritt  
Registrar's Committee, AAM

## It's Award Nomination Time (again)

Awards serve an important function in a professional organization by providing a means for recognizing individuals who through excellence promote or advance the aims of the organization. The Recognition and Grants Committee accepts nominations for any of the awards listed below, gathers information about the nominees, and makes recommendations to the SPNHC Council.

A letter of nomination for an award must include the full name of the nominee, name of the award for which you are proposing them, and a description of the contribution(s) of the nominee and why this person deserves the award. Multiple nomi-

Continued from page 7:

.....Award Nomination Time (again)

nations are encouraged. **Nominations must be received by the Committee by the end of April 2005.**

Questions and nominations should be directed to the Committee Chair, Dr. Jean DeMouthe, at the California Academy of Sciences, 875 Howard Street, San Francisco, California 94103 or [jdemouthe@calacademy.org](mailto:jdemouthe@calacademy.org).

#### RECOGNIZED AWARDS OF SPNHC

**HONORARY MEMBERSHIP:** for recognition of an individual for exceptional contributions to the objectives of the Society.

**THE CAROLYN ROSE AWARD:** for a direct or indirect significant contribution to the objectives of the Society. Nominee may be SPNHC member or non-member.

**THE PRESIDENT'S AWARD:** for superior service to the Society (outside of Presidential positions). Normally, this would involve superior, prolonged service to appointed offices, committees, and/or ongoing activities of SPNHC. Nominee must be a current or previous SPNHC member.

**SPECIAL SERVICES RECOGNITION:** for recognition of individual(s) for any special effort leading to the success of an important event or activity of the Society. The award is primarily a statement of appreciation.

**THE FABER GRANT:** a cash grant (\$1000 maximum) for a competitive research proposal, intended to encourage innovative projects that promote the objectives of the Society in collections management, conservation, or other collection-oriented aspects of natural history.

## “How To” Series Call For Articles

The Education and Training Committee announces a call for newsletter articles for a new “How To” series for the SPNHC Newsletter. The idea for the series was formulated from various discussions during the 2004 meetings, and we are hoping to launch the series in the next newsletter. As conveyed by Janet Waddington, who was involved in the early discussions, “the idea was originally proposed to be a form of outreach to non-professionals, but it was agreed that lots of professionals could also benefit from basic instruction in areas in which they do not have expertise but might be expected to take responsibility.” Examples of ideas proposed during initial discussions included “How to properly store paper records in your collection”, “How to pin an insect”, and “How to press a plant”.

Each article would be about a page in length (or less) and designed to fit on a single page for ease of printing out and keeping or using in an outreach or educational context. Articles for the series will be coordinated by the Newsletter Editor and the Education and Training Committee. If you have an idea for this series, or a prepared article, please contact Andy Bentley, Newsletter Editor, ([abentley@ku.edu](mailto:abentley@ku.edu)), or Education and Training Committee Co-Chairs Lori Benson ([loribenson@usa.net](mailto:loribenson@usa.net)) or Laura Abraczinskas ([abraczi1@msu.edu](mailto:abraczi1@msu.edu)). Thank you for your contributions!

## 31st CAC Conference and Workshops

Registration is now open for the conference and workshops of the Canadian Association for Conservation on May 17 to 21, 2005 in Jasper National Park. The Jasper townsite is on the west bank of the Athabasca River, a Canadian Heritage River, at an elevation of 1,054 metres. The town originated in 1911 as a railway settlement; today, about 5,000 people call it home. Jasper is surrounded by mountains, pristine lakes and rare, untamed wildlife. It's a natural playground that offers outdoor activities from birding, historic walking tours and shopping, to breathtaking hikes, trail rides, and heli-skiing. For most outdoor activities, rental equipment is available locally. Extra time in the program schedule is filled with opportunities for experiencing the invigorating mountain environment.

Workshop Program:

May 17 - Fur Trade Legacy: The Preservation of Organic Materials

May 18 - Practical Session: Identification of Mammal Hair and Feathers; What Goes Wrong with Leather; Leather Upholstery Conservation

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Join us in London for:

 **SPNHC**  
Realising Standards 2005

June 12-18  
hosted by:



# Announcement of Annual Business Meeting and Instrument of Proxy

## NOTICE OF ANNUAL GENERAL BUSINESS MEETING

The **20th** Annual Business Meeting of the Society for the Preservation of Natural History Collections will be held on **Thursday 16 June 2005**, at **12:30 pm** at **The Natural History Museum, London, UK**.

Please visit: <http://www.nhm.ac.uk/spnhc2005/>

### AGENDA

1. Call to Order
2. Minutes of the 2004 General Business Meeting
3. Report of the Treasurer
  - 3.1 Financial Report
  - 3.2 Appointment of Auditor
4. Report of Council meetings
5. Report of the President
6. Reports of the Standing Committees
7. Reports of the Sessional Committees and Representatives
8. Unfinished Business
9. New Business
10. Recognition and Grants
11. Change of Office
12. Announcements
13. Adjournment

If you cannot attend the meeting, you may designate another member in good standing to act on your behalf. Please fill out the form of proxy below and give it to the person named or forward it by April 30th to:

**Judith C. Price**  
**SPNHC Secretary**  
**PO Box 3443, Station D**  
**Ottawa, ON K1G 6P4**  
**Canada**

### INSTRUMENT OF PROXY

I, the undersigned member of the Society for the Preservation of Natural History Collections (SPNHC), hereby appoint \_\_\_\_\_ (please name a SPNHC member in good standing who can represent your views at the meeting) or, failing **him/her**, **Judith Price**, Secretary of the Society, to vote on my behalf at the Annual Business Meeting of the Society on **Thursday 16 June 2005**, at **12:30 pm** at **The Natural History Museum, London, UK**.

Date \_\_\_\_\_

Signature \_\_\_\_\_

Name (please print) \_\_\_\_\_

# REALISING STANDARDS – SPNHC 2005

## The 20<sup>th</sup> annual conference of the Society for the Preservation of Natural History Collections.

### 12-18 June 2005

Celebrating its twentieth anniversary, the Society for the Preservation of Natural History Collections will be holding the 2005 annual conference – Realising Standards – at the Natural History Museum in London, its first venue outside North America.

Aimed at curators, collection managers, conservators and other museum professionals, the conference provides an international forum for all those interested in preserving the world's natural history collections and strengthening global networks. Experts from around the world will host presentations and workshops to tackle broad collections' issues, including current standards of care, benchmarking of collection condition and sharing best practice in collection management.

The conference will be opened by Professor Lord May of Oxford OM AC Kt PRS and a formal banquet and introductory reception drinks will ensure attendees have the opportunity to meet and exchange views, experiences and ideas.

The conference programme will combine three days of formal presentations with two days of technical sessions. The workshops will focus upon standards, risk and integrated pest management:

**Standards in the Care and Management of Natural History Collections:** This workshop will review the identification and implementation of standards in the care and management of natural history collections. The workshop will be a themed session in which guest lecturers will present information on the development of standards in their institutions and discuss the pitfalls of implementing and resourcing such a strategy.

**Risk:** The conference will again offer the successful Risk Training Strategy put together by Dr. Rob Waller, Canadian Museum of Nature. Rob will be delivering this as a one-day workshop at the end of the conference. The workshop will be extended dependant on demand.

**Integrated Pest Management:** Many museums are developing integrated pest management (IPM) strategies. The NHM strategy has involved the development of training courses for all museum staff in pest management and zoning of the entire museum. The workshop will bring experts from Europe and North America together to review and focus on the development of a practical museum-wide IPM strategy.

In addition the Natural History Museum will provide tours of some of its 70 million specimens, including those of Sir Hans Sloane, Sir Joseph Banks, Charles Darwin and Alfred Russel Wallace. The tours will also include the opportunity to visit the museum's palaeontology conservation unit, libraries and off-site zoology collection.

Visits to other major UK institutions will include the Royal Botanical Gardens, Kew (<http://www.rbgekew.org.uk/>), the Horniman Museum (<http://www.horniman.ac.uk>), Oxford University Museum of Natural History (<http://www.oum.ox.ac.uk/>) and the Natural History Museum's daughter museum the Walter Rothschild Zoological Museum (<http://www.nhm.ac.uk/museum/tring/index.html>).

Abstracts for papers and posters are invited for presentation at the 2005 Society for the Preservation of Natural History Collections conference – Realising Standards, hosted by the Natural History Museum in London. The general theme of the conference is standards, establishing standards and benchmarks and identifying standards in the care and management of natural history collections. Participants are invited to submit abstracts, on the theme of collections care, management and conservation and in particular on the conference themes identified above, by 1 March 2005. For further details of submission guidelines please email [spnhc@nhm.ac.uk](mailto:spnhc@nhm.ac.uk) or visit <http://www.nhm.ac.uk/spnhc2005>.

For more information, please write to:

SPNHC Conference 2005  
The Natural History Museum  
Cromwell Road, London, United Kingdom SW7 5BD



*Continued from page 2:  
.....Preserving America's Fossil Heritage*

college students on the particulars of fossil preservation, education, and scientific data collection ethics within the national parks.

With such an abundance of fossil-bearing units and large diversity of fossils, the publications, law enforcement efforts, preservation techniques and educational programs, it is easy to see why, although unorthodox in a museological sense, the National Park Service is perhaps the largest and most diverse paleontological institution in the world.

#### **LITERATURE CITED**

Kieley, James F. 1940. A Brief History of the National Park Service 2-4.

Tuttle, Sherwood D. 1990. Geology of National Parks 100-109.

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## **Museum Collection Resources Display Available for Loan**

The Resources Subcommittee of the Conservation Committee (SPNHC) maintains two displays of supplies and materials used by many museums for the storage and preservation of natural history collections. Examples of items included in the displays are: materials used in the construction of storage containers and specimen supports; equipment for monitoring storage environments (e.g., humidity, temperature, air quality, insects); and a variety of containers for the storage of collections and documentation. Some of the products are discipline specific (e.g., pH neutral glassine for interleaving between herbarium sheets) but most can be used in multidisciplinary collections (e.g., Ethafoam for lining shelves and drawers; Tyvek tape for box and tray construction). The displays are available for loan to interested parties for meetings, conferences, and other museum related activities. Shipping costs to and from the requested venues are the responsibility of the borrower. There is no loan fee but SPNHC invites borrowers to make a voluntary contribution to cover the costs of routine maintenance. For additional information, or to borrow a display, contact:

Cindy Ramotnik  
US Geological Survey, Department of Biology, University of New Mexico, Albuquerque, New Mexico 87131;  
tel (505) 277-5369; fax (505) 2770304;  
email: ramotnik@unm.edu

Janet Waddington  
Department of Palaeobiology, Royal Ontario Museum,  
100 Queen's Park, Toronto, Ontario, M5S 2C6, Canada;  
tel (416) 5865593; fax (416) 5865553;  
email: janetw@rom.on.ca

*Continued from page 8:  
.....31st CAC Conference*

May 17-18 - Concurrent Practical Session: Art/Archival/Artifact Packing and Shipping Workshop

Conference Program:

May 19-21 - Sessions on Moving Collections, Treatments and Scientific Investigations, Professional Issues, Education and Training.

Please see <http://www.cac-accr.ca> for the full program, accommodation and travel information.

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## **Pratt Museum packing update**

The Pratt Museum of Natural History at Amherst College is pleased to report that the packing of its collections is going well. So far, the archaeology, taxidermy, and recent invertebrate collections have been successfully packed, and the invertebrate paleontology collection is almost completed. Collections remaining to be packed include paleobotany, osteology, mineralogy, ethnology, ichnology and vertebrate paleontology. The large vertebrate mounts were dismantled in November of 2004, are currently being cleaned and remounted, and will be installed in the new museum early next year. The packing process has not been without surprises: when the hadrosaur mount was dismantled, a "time capsule" was found inside of the abdominal area. It consisted of a large match box that contained a few scraps of paper listing the names of the individuals who originally mounted the dinosaur in the Pratt Museum in the 1940s. The new Amherst College natural history museum will open (under a new, yet-to-be disclosed name) in the Spring of 2006, just across the quad from the old building. Pictures of the move (including the time capsule) can be seen on the website <http://www.amherst.edu/~pratt/>

***This space could be yours.....***

**SPNHC Newsletter is looking for articles, news items, etc., for the next edition. Articles of 1000 words or less considered. Contact Andy Bentley (ABentley@ku.edu) for information. The deadline for submissions for the next issue is August 1, 2005**

**Visit SPNHC on-line at:**



***www.spnhc.org***

# Australian Quarantine Requirements And Loans To And From Australian Herbaria

*Katy Sommerville*

Collections Manager, National Herbarium of Victoria (MEL), Royal Botanic Gardens, Birdwood Avenue South Yarra 3141, Victoria, AUSTRALIA; Tel: 03 9252 2308; email: Katy.Sommerville@rbg.vic.gov.au

Recent increases in the fees imposed by Australia's Quarantine and Inspection Service have forced at least one Australian herbarium to scale back its overseas loans program. This change is regrettable given that most Australian herbaria share the same goals as the Australian Quarantine and Inspection Service.

The Australian Quarantine and Inspection Service (AQIS) is charged with the responsibility of "protecting Australia's animal, plant and human health status and maintaining market access through the delivery of quarantine and export services"

(<http://www.affa.gov.au/content/output.cfm?ObjectID=D2C48F86-BA1A-11A1-A2200060A1B00992>).

As part of this charter, AQIS endeavours to inspect all herbarium specimens entering Australia. This includes specimens sent from non-Australian herbaria for study at Australian institutions as well as the return from overseas of loaned specimens belonging to Australian Herbaria.

AQIS has a specific procedure in place for assessing herbarium specimens that enter Australia. Loaned herbarium specimens are considered to be of minimal risk and are forwarded directly to the addressee following inspection. As with all other incoming specimens, loaned specimens are subject to cold storage treatment upon reaching Australian herbaria. This treatment meets AQIS' expectations for eradication of possible imported pests and diseases.

Recent increases in the costs imposed by AQIS when inspecting Herbarium specimens place Australian Herbaria in a difficult position. At least one herbarium, the National Herbarium of Victoria (MEL), must restrict the extent of its overseas loans program as it cannot afford the current cost of AQIS inspections.

Presently, any loan of specimens entering Australia from another nation costs MEL A\$85 for each parcel inspected by AQIS. Loans often consist of more than one parcel and thus the cost for each loan can be quite large. MEL must also pay annual fees of approximately A\$1,000 for AQIS registration and permits.

As one of Australia's largest and oldest Herbaria, MEL receives many loan requests from overseas institutions. MEL currently has approximately 80 loans at overseas institutions.

Some of these loans consist of thousands of specimens. MEL's potential liability when these specimens return is estimated at over A\$10,000. Additionally, MEL loans specimens from overseas institutions for study by its own botanists. In the past year, 30 such loans were received by MEL. Each of these loans was inspected by AQIS and charged accordingly. Costs for AQIS inspections have thus reached a point where MEL can no longer afford to service all loans requested.

As has been the case for several years, negotiations with AQIS regarding cost and compliance continue. However, little change appears likely in the immediate future.

The increased costs imposed by AQIS have forced MEL to reduce the extent of its overseas loans program. Such a reduction will mean that botanical research reliant on MEL specimens will be impeded. It will also inhibit the capacity of MEL Botanists to complete research involving the study of specimens from overseas herbaria. Much of this research is aimed at understanding and protecting Australia's unique flora. Given that AQIS also strives to achieve this goal, an increase in AQIS fees appears counterproductive.

## Call for papers for COLLECTION FORUM

This is your invitation to submit manuscripts to Collection Forum, the journal of the Society for the Preservation of Natural History Collections (SPNHC).

Collection Forum is an internationally respected peer reviewed journal. We have recently revised the selection criteria to reflect the fact that papers in Collection Forum do not just address research on natural history collections care. In addition to presentations of original research, we also welcome articles of a more philosophical nature, as well as short papers describing an innovative technique for collections storage or care.

Please see the SPNHC website for the revised Instructions to Authors.

Collection Forum is your journal

***This space could be yours.....***

**SPNHC Newsletter is looking for articles, news items, etc., for the next edition. Articles of 1000 words or less considered. Contact Andy Bentley (ABentley@ku.edu) for information. The deadline for submissions for the next issue is August 1, 2005**

## Publications of Interest

This section is from the Citations Sub-Committee of the Conservation Committee and is chaired by Marcia A. Revelez. Citations were submitted by Victoria Book (VB), Diana Dicus (DD), Kimball Garrett (KG), Barbara Moore (BM), Joanna Morton (JM), Lisa Palmer (LP), Ann Pinzl (AP), Cindy Ramotnik (CR), Marcia Revelez (MR), Janet Waddington (JW), Steve Williams (SW), and Christina Wolfe (CW). Contributions, suggestions, and comments may be submitted to Marcia A. Revelez, Sam Noble Oklahoma Museum of Natural History, 2401 Chautauqua, Norman, OK 73072; (405) 325-7988 (voice); (405) 325-7699 (fax); mrevez@ou.edu (e-mail).

Anonymous. 2004. Who do I call first? A case study in disaster Management. *Condition Report [AAM's Registrar's Committee] Series 4(1/1)*: 28-30. (AP)

Anonymous. 2004. Cleaning dusty feathers, a technique that works! *NatSCA News 4*: 32-33. (AP)

Anonymous. 2004. Removing pooled fat and mothproofing freeze-dried mammals by perfusion. *NatSCA News 4*: 33-34. (AP)

Barker, R. 2003. Baking bread and drying plants. *Austral. Syst. Bot. Soc. Ns/tr.* 114: 2-4.  
— Gleanings from historical sources about how early (mostly Australian) botanists dried their plants. (AP)

Beckett, M. 2004. Mary Ida Roper & her herbarium. *NatSCA News 3*: 52-55. (AP)

Burger, W.C. 2004. Another opinion: Up with alphabetically arranged herbaria (and floristic listings too for that matter.) *Pl. Sci. Bul.* 50(1): 7-9. (AP)

Christenhusz, M.J.M. 2004. The hortus siccus (1566) of Petrus Cadé: a description of the oldest known collection of dried plants made in the Low Countries. *Archives of Natural History* 31(1): 30-43. (AP)  
— Discussion of rediscovery and history of 1566 collection; list of its contents.

Cornish, L. 2004. Cleaning natural history material with lasers. *NatSCA News 2*: 28-29. (AP)

Funk, V. 2003a. The importance of herbaria. *Plant Science Bulletin* 49(3): 94-95. (AP)

Funk, V. 2003b. 100 uses for an herbarium (well at least 72). *ASPT Newsletter* 17(2):17-19. (AP)  
— Listing of uses to which herbarium materials may be applied, with each use listed being connected to other discipline(s).

Funk, V. A. 2003c. Down with alphabetically arranged herbaria (and alphabetically arranged floras too for that matter). *Plant Science Bulletin* 49(4): 131-132.  
— Author-acknowledged diatribe supporting phylogenetic arrangements (AP)

Gunter, M., and P.A. Brown. 2004. Notes on conservation tests of failing Collembola (Insecta) micro-slide mounts. *NatSCA News 4*: 35-36. (AP)

Hancock, E.G. 2004. William Hunter's insect collection and emerging descriptive taxonomy in the eighteenth century. *NatSCA News 4*: 8-13. (AP)

Horton, D. 2004. The Iowa issue: Organismal and Environmental Biology. *NatSCA News 2*: 17-18. (AP)

Kerr, J. 2004. The life and times of *Tineola bisselliella* in the collection store. *NatSCA News 4*: 25-28. (AP)

Loughtman, L. 2004. Study tour of Prague's Botanical Department. *Natural History Collections Working group Newsletter (ICOM's Conservation Committee) Issue 14*: 11-12. (AP)

Miller, Z. 2004. The conservation of Sir Hans Sloane's Collection of Vegetables and Vegetable Substances. *NatSCA News 2*: 25-27. (AP)  
— Details of project to assess, database and conserve historic collection of seeds, fruit and other plant materials.

More, S. 2004. Open display & handling collections - a conservation conundrum. *NatSCA News 3*: 9. (AP)

O'Dwyer, D., P.R. Ratcliffe, C. Comerford, and F. Bolton. 2004. The collections survey: linking observation to cause across disparate collections. *NatSCA News 4*: 8-13. (AP)

Péquignot, A., F. Marte, and D. von Endt. 2004. Detection methods for arsenic in taxidermy specimens. *ICOM Natural History Collections Working Group Newsletter* 14: 5-7. (AP)

Prather, A. 2004. Maintaining support for herbaria in the 21st century. *NatSCA News 2*: 20-23. (AP)  
— Report of discussion session at Botany 2003 Meetings. Similar to Prather & Clark 2003.

Prather, A. and L. G. Clark. 2003. Summary: Maintaining support for herbaria in the 21st century. *ASPT Newsletter* 17(2): 3-5. (AP)  
— Discussion summary with themes of node-based interactions among herbaria and educating administrators; funding sources from U.S. federal government, e.g. NSF (National Science Foundation).

Prather, L.A., O. Alvarez-Fuentes, M.H. Mayfield, and C.J. Ferguson. 2004. The decline of plant collecting in the United States: A threat to the infrastructure of biodiversity studies. *Syst. Bot.* 29(1): 15-28. (AP)

Prather, L.A., O. Alvarez-Fuentes, M.H. Mayfield, and C.J. Ferguson. 2004. Implications of the decline in plant collecting for systematics and floristic research. *Syst. Bot.* 29(1): 216-220. (AP)

Pudney, J. 2004. Western Australian Museum's collections on the move. *ICOM Natural History Collections Working Group Newsletter* 14: 7-8. (AP)

Smith, D.K. 2004. Threat to the Department of Botany at the University of Tennessee, Knoxville. *NatSCA News 2*:19-20. (AP)

Townsend, A. 2004. The preparation of botanical specimens for display at NMGW from 1927-1959. *ICOM Natural History Collections Working group Newsletter* 14:13-15. (AP)

Van Dam, A.J., 2004. Proposal on the development of a web-based Decision making model for the conservation and restoration of fluid preserved specimens. *NatSCA News* 4: 29-30. (AP)

Van Heukellem, M. 2004. NAGPRA in the new millennium: the future of museum compliance and consultation. *Condition Report [AAM's Registrar's Committee] Series 4(1/1):* 19-20. (AP)

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## Position Announcements

*If you would like to submit job descriptions, please send postings to the Newsletter Editor. See the SPNHC web site, [www.spnhc.org](http://www.spnhc.org), for current postings*

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### Collections Management, Internship Announcement, Museum of Northern Arizona (MNA).

With funding from the Snow Endowment the Museum offers annual 10-week summer internships between May 15<sup>th</sup> and August 30<sup>th</sup>. Housing and a stipend of \$200 a week are provided to offset expenses. These internships provide on the job experience to students that are in museum studies programs or programs with museum studies options. Four collections management internships are offered this summer and will focus on the anthropology and zoology collections. Interns can expect to gain experience with the Argus collection management software, environmental monitoring, digital equipment, and a range of collections management issues. The zoology collection project involves inventory and re-housing of a fluid preserved collection and the development of a monitoring schedule and safety and handling guidelines. Projects this summer in the Anthropology collection include the identification and inventory of permanent and education collections in the Colton House, cataloging, and other inventory and re-housing projects. The MNA has a diverse collection of 4.5 million items (ethnology, archaeology, fine arts, paleontology, zoology, botany, photo archives, archives, and library).

Submit a letter of interest, resume, and 3 letters of reference by April 1st. Send applications to: Elaine Hughes, Collections Manager, Museum of Northern Arizona, 3101 North Fort Valley Road, Flagstaff, AZ 86001, [ehughes@mna.mus.az.us](mailto:ehughes@mna.mus.az.us), Tel: (928) 774-5211, ext. 228

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### Curatorial Assistant, Academy of Natural Sciences, DURATION: Full time, 2 years, beginning March/April 2005

This position involves responsibility for the curation of dry and ethanol preserved biological specimens collected in stream surveys across the eastern United States from the 1940s to the 1980s by the Patrick Center for Environmental Research. Samples include algae, mollusks, insects, crustaceans and fish (<http://www.acnatsci.org/research/index.html>).

#### DUTIES:

1. Hands-on care of biological samples including archival re-housing of specimens.
2. Determination of locality and environmental data for specimens based on field notes and reports; assignment of latitude and longitude to collecting localities based on original field maps.
3. Use of relational database to computerize and label specimens.

4. Arrangement of materials in systematic or geographic order as appropriate to the departmental collection receiving the specimens.

5. Other related projects as assigned.

**QUALIFICATIONS:** Education: College degree in biology or related field preferred. Experience working with museum collections preferred; training and demonstrated ability in specimen preparation preferred; familiarity with computers and database programs desirable. Good organizational skills and attention to details; ability to work independently.

Typical office and lab conditions; exposure to ethanol, formalin, and other preservatives used in specimen collections; exposure to dust; occasional moving of heavy boxes.

Send resume, one-page letter of interest, college transcripts and names/addresses/telephone & e-mail addresses of at least three professional or academic references to:

Alex Moede; Reference # 902, Patrick Center of Environmental Research, Academy of Natural Sciences, 1900 Benjamin Franklin Parkway, Philadelphia, PA 19103-1195, [Moede@AcNatSci.org](mailto:Moede@AcNatSci.org). The Academy of Natural Sciences is an Equal Opportunity Employer.

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## Calendar of Events

*The Calendar of Events is maintained by Christine Chandler of the Documentation Committee. Application deadlines, conferences and symposia relevant to collection management, computerization and conservation of natural history collections are listed. Notices may be submitted to Christine at Putnam Museum of History and Natural Science, 1717 West 12th Street, Davenport, IA 52804; (563) 324-1054 ext. 226; email [chandler@putnam.org](mailto:chandler@putnam.org) or [dinoceras@juno.com](mailto:dinoceras@juno.com).*

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### 2005

#### February 2005

February 19 - 20, 2005. **Western Association of Vertebrate Paleontologists (WAVP) 2005 annual meeting** hosted by the Natural History Museum of Los Angeles County, Los Angeles, California, USA. Further information is available at <http://www.nhm.org/wavp2005> (web).

February 24 - 26, 2005. **ICOM's International Committee for Architecture and Museums Techniques (ICAMT) annual meeting**, Washington, D.C., USA, will be held in conjunction with the Mid-Atlantic Association of Museums (MAAM). Contact Diana Pardue, chair of ICAMT, Statue of Liberty National Monument, Liberty Island, New York, 10004; (212) 363-3206 x 150 (phone); (212) 363-6302 (fax); [diana\\_pardue@nps.gov](mailto:diana_pardue@nps.gov) (email); <http://www.altrue.net/site/midatlantic> (web).

February 26, 2005. **The Continuing Classroom: Museums Engaging Adults in Lifelong Learning**, a workshop organized by Midwest EdCom in collaboration with the Association of Midwest Museums, hosted by the Art Institute of Chicago. To register, visit <http://www.midwestmuseums.org> (web).

February 27 - March 1, 2005. **The Small Museum Association (SMA) 21<sup>st</sup> Annual Winter Conference, Partnerships: Working Together for the Future**, Ocean City, Maryland, USA. For more information, contact: Kim Samilo, Pennsylvania Federation of Museums and Historical Organizations, 130 Locust St., Lower Level, Harrisburg, PA 17101-1467 USA; (717) 909-3395 (phone); ksamilo@pamuseums.org (email); <http://www.smallmuseum.org/WCmailer.pdf> (web).

### March 2005

March 1, 2005. **NAGPRA, Tribal and Museum Documentation/ Consultation Grant IMLS, Partnership for a Nation of Learners Community Collaboration Grants** deadline. Contact the Institute of Museum and Library Services (IMLS) for details at 1100 Pennsylvania Ave, N.W., Washington, D.C., USA; (202) 606-8536 (phone); <http://www.imls.gov> (web).

March 7 - 10, 2005. **Grant Writing Workshop** presented by the Grant Network, Providence, Rhode Island, USA. For more information, contact (888) GRANT 10 (phone); <http://www.thegrantnetwork.com> (web).

March 30 - April 1, 2005. **Legal Problems of Museum Administration**, a professional education seminar, hosted by the American Law Institute-American Bar Association at San Francisco Museum of Modern Art, San Francisco, California, USA. Topics this year include "Planning & Implementing Museum Construction Projects," "The Global Museum in an Evolving World," and "Governance and Corporate Responsibilities." For more information, visit <http://www.ali-aba.org> (web).

### April 2005

April 6 - 9, 2005. **Annual Meeting of the American Association of Physical Anthropologists**, Milwaukee, Wisconsin, USA. <http://www.physanth.org/annmeet/> (web).

April 13 - 17, 2005. **Museums and the Web (MW2005)**, Vancouver, British Columbia, Canada. <http://www.archimuse.com/mw2005/> (web).

### May 2005

May 1 - 5, 2005. **AAM Annual Meeting & MuseumExpo™, A Defining Moment: Museums at the Crossroads**, Indiana Convention Center, Indianapolis, Indiana, USA. Visit <http://www.aa-us.org/am05> (web) for details. Meeting fellowships are available; visit <http://www.aam-us.org> (web) for scholarship eligibility information and application forms.

May 9 - 13, 2005. **Salvage of Wet Materials Following a Disaster**, AIC workshop, in partnership with the National Park Service, Shephardstown, West Virginia, USA. Check it out on the web at <http://ais.stanford.edu/education/workshops/index.html> (web) for details.

May 16 - 20, 2005. **Adhesives for Conservation**, AIC workshop, in partnership with the Gerald R. Ford Conservation Center, Omaha, Nebraska, USA. Check it out on the web at <http://ais.stanford.edu/education/workshops/index.html> (web) for details.

May 28 - June 2, 2005. **46<sup>th</sup> Annual Meeting of the Society for Economic Botany (SEB)**, hosted by the Botanical Research Institute of Texas, Fort Worth, Texas, USA. <http://www.econbot.org/events/2005/> (web).

### June 2005

June 1 - 3, 2005. **School for Scanning: Building Good Digital Collections** presented by the Northeast Document Conservation Center (NEDCC), Boston, Massachusetts, USA. Visit NEDCC for a complete agenda and registration information at <http://www.nedcc.org> (web).

June 8 - 11, 2005. **Canadian Museum Association (CMA) Conference 2005**, Saskatoon, Saskatchewan, Canada. <http://www.museums.ca/Cma1/WhatsNew/conferences/cmaconf.htm> (web).

June 8 - 13, 2005. **The Documentation Dilemma: Managing Conservation Data in the 21<sup>st</sup> Century, the 33<sup>rd</sup> American Institute for Conservation of Historic & Artistic Works (AIC)**, Minneapolis, Minnesota, USA. <http://aic.stanford.edu/meetings/> (web).

June 12 - 18, 2005. **Realising Standards, SPNHC 2005 Conference**, hosted by the Natural History Museum, London, in conjunction with The Natural Sciences Collections Association, The Geological Curators Group and ICOM-CC Working Group Natural History Collections. <http://www.nhm.ac.uk/spnhc2005> (web); spnhc2005@nhm.ac.uk (email).

June 15 - 18, 2005. **Environmental Monitoring & Control**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 15 - 18, 2005. **Packing & Shipping Workshop**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 15 - 19, 2005. **85<sup>th</sup> Annual Meeting of the American Society of Mammalogists**, Southwest Missouri State University, Springfield, Missouri, USA. <http://www.asm.smsu.edu/> (web).

June 19 - 26, 2005. **North American Paleontological Convention**, Dalhousie University, Halifax, Nova Scotia, Canada. Visit the web site at <http://meguma.earthsciences.dal.ca/napc/napc.htm> (web) for details.

June 20, 2005. **Environmental Monitoring & Control**, a one-day Workshop at the Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 20 - 24, 2005. **5<sup>th</sup> World Congress of Herpetology**, Stellenbosch, South Africa. For more information, see <http://www.wits.ac.za/haa/> (web).

June 20 - 24, 2005. **Enzymes & Their Targets**, a Conservation Refresher Course at the Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 20 - 25, 2005. **Organic & Inorganic Materials: Examination & Documentation**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 22 - 25, 2005. **Mycology for the Conservator**, a Conservation Refresher Course at the Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

June 24 - 25, 2005. **Facilities and Risk Management**, AAM Seminar, Pittsburgh, Pennsylvania, USA. For details visit <http://www.aam-us.org> (web).

June 27 - 29, 2005. **Funding Collections Care: Grant Writing**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

[www.campbellcenter.org](http://www.campbellcenter.org) (web).

## July 2005

July 6 - 9, 2005. **Emergency Preparedness Response and Recovery**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

July 6 - 11, 2005. **Joint Meeting of the American Elasmobranch Society, the American Society of Ichthyologists and Herpetologists, the Herpetologists League & the Society for the Study of Amphibians and Reptiles**, hosted by the University of South Florida, Tampa, Florida, USA. Early registration deadline is 25 March 2005. For more information, check out the meeting web site at <http://www.dce.ksu.edu/jointmeeting> (web).

July 11 - 15, 2005. **Photographic Documentation & Digital Imaging of Museum Collections**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

July 18 - 23, 2005. **XVII International Botanical Congress**, Vienna, Austria; Nomenclature Section, 13 - 16 July. For information, see the web site at <http://www.abc2005.ac.at/> (web).

July 27 - 30, 2005. **Design & Construction of Mounts for Exhibits**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

## August 2005

August 3 - 6, 2005. **Exhibit design for the Small Museum**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

August 10 - 12, 2005. **Second Latin American Congress of Vertebrate Paleontology**, hosted by Museu Nacional/UFRJ, Rio de Janeiro, Brazil. For more information, visit the conference web site at <http://acd.ufrj/mndgp/2clpv> (web).

August 12 - 17, 2005. **Learning from Plants, Botany 2005**, Austin, Texas, USA. Participating Societies: American Bryological and Lichenological Society (ABLS), American Fern Society (AFS), American Society of Plant Taxonomists (ASPT), and Botanical Society of America (BSA). Direct any questions about the meetings to BSA Meetings Manager: Johanne Stogran, BSA Meetings Office, 2813 Blossum Ave., Columbus, Ohio 43231; (614) 899-9356 (phone); (614) 895-7866 (fax); [johanne@botany.org](mailto:johanne@botany.org) (email); <http://www.2005.botanyconference.org> (web).

August 15 - 16, 2005. **Writing Interpretive Exhibits Labels**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

August 23 - 27, 2005. **123rd Stated Meeting of the American Ornithologists' Union**, hosted by the University of California Santa Barbara, Santa Barbara, California, USA. For more information, visit the meeting web site at <http://www.aou.org/2005meeting> (web).

## September 2005

September 10 - 16, 2005. **ICOM-CC 14<sup>th</sup> Triennial Meeting**, The Hague, The Netherlands. For information, go to <http://www.icom-cc.icom.museum> (web) or [secretariat@icom-cc.org](mailto:secretariat@icom-cc.org) (email).

September 12 - 16, 2005. **Recovery of Wet Materials Following a Disaster**, a Conservation Refresher Course at the Campbell Center

for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

September 12 - 16, 2005. **Collections Management in Storage**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

September 14 - 18, 2005. **Spot Testing for Materials Characterization**, a Conservation Refresher Course at the Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

September 19 - 21, 2005. **Computer Software for Collections Management**, Campbell Center for Historic Preservation Studies, Mount Carroll, Illinois, USA. For more information contact the Center at (815) 244-1173 (phone) or check out the 2005 course catalog at <http://www.campbellcenter.org> (web).

## October 2005

October 4 - 8, 2005. **Southeastern Museums Conference (SEMC) 2005 Annual Meeting**, Jekyll Island, Georgia, USA.

October 15 - 18, 2005. **Association of Science-Technology Centers (ASTC) Annual Conference**, Richmond, Virginia, USA, hosted by the Science Museum of Virginia. Check out <http://www.astc.org> (web) for more information.

October 16- 19 2005. **Annual Meeting of the Geological Society of America**, Salt Lake City, Utah, USA. Visit <http://www.geosociety.org/meetings> (web) for details.

## November 2005

November 6 - 9, 2005. **Entomological Society of America (ESA 2005) annual meeting**, Fort Lauderdale, Florida, USA. For more information, check out the meeting web site at [http://www.entsoc.org/annual\\_meeting/2005/index.htm](http://www.entsoc.org/annual_meeting/2005/index.htm) (web).

November 16 - 18, 2005. **New England Museum Association (NEMA) Annual Conference**, Burlington, Massachusetts, USA. For more information, check out <http://www.nemanet.org> (web).

## 2006

### April 2006

April 27 - 30, 2006. **AAM Annual Meeting & MuseumExpo™ (AAM Centennial)**, Boston, Massachusetts, USA.

### August 2006

August 13 - 19, 2006. **24<sup>th</sup> International Ornithological Congress**, Hamburg, Federal Republic of Germany. See <http://www.i-o-c.org> (web) for more information.

### October 2006

October 22 - 25, 2006. **Annual Meeting of the Geological Society of America**, Philadelphia, Pennsylvania, USA. Visit <http://www.geosociety.org/meetings> (web) for details.

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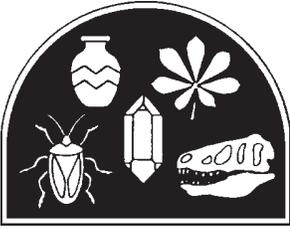
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