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

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SPNHC NEWSLETTER

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

September 2007
Volume 21, Number 2

NAGPRA - New Rules

Jan Bernstein

Jan I. Bernstein is President of Bernstein & Associates: Native American Graves Protection and Repatriation Act Specialists. Since the 1980's Jan has been designing and implementing repatriation and NAGPRA compliance projects for Indian tribes, museums and governmental agencies. She has worked with Indian tribes and collections from the Great Plains, Southwest, Midwest, California, Great Basin, Northwest Coast, Northeast, Southeast, Alaska, and Hawaii. Jan can be contacted at jan@nagpra.info or (303) 894-0648. For more information visit the B&A web site at www.nagpra.biz.

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..... and much more!

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Does the institution that you work for have Native American cultural items under its control or in its possession and does it also receive Federal funds? If so, more than likely you already know that your institution is a “museum” and therefore is legally required to comply with 25 U.S.C. 3001, which is more commonly known as the Native American Graves Protection and Repatriation Act or NAGPRA. But what you might not know is that there are new NAGPRA compliance rules for what is known in the Act as Future Applicability.

These rules apply to the following situations: 1) The museum or Federal agency acquires a new collection item or finds a previously unreported item that may be covered by the Act (covered items are Native American human remains, funerary objects, sacred objects, and objects of cultural patrimony; 2) A previously unrecognized Indian group is recognized by the Federal government as an Indian tribe; 3) An institution in possession or control of an item or items that may be covered by the Act

receives Federal funds for the first time; and 4) The museum or Federal agency revises a decision previously published in the *Federal Register*.

The Native American Graves Protection and Repatriation Act (NAGPRA) was signed into law on November 16, 1990, but it wasn't until March 21, 2007 that the final rule for §10.13 Future Applicability of NAGPRA was promulgated. It was published in *Federal Register* Volume 72, Number 54 and it applies to existing and newly acquired museum collections. Those are Sections Five, Six, and Seven of the Act. It does not apply to inadvertent discoveries or planned excavations which are addressed in Section Three of the Act.

The Future Applicability rules became effective on April 20, 2007. And on that date it established statutory deadlines for completion of NAGPRA Section Five Human Remains Inventories/Notices of Inventory Completion and NAGPRA Section Six Summaries

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.....NAGPRA...

(unassociated funerary objects, sacred objects, and objects of cultural patrimony). For your organization, the first deadline may be October 20, 2007. The rule set a six month deadline to produce and distribute a NAGPRA Section Six Summary for a new holding or a previously unreported holding newly located that may be unassociated funerary objects, sacred objects, or objects of cultural patrimony. October 20, 2007 is the deadline for the Summary distribution if the new holding was acquired or found prior to April 20, 2007. Your organization has two years from the promulgation date or acquisition/discovery date to prepare a NAGPRA Section Five Human Remains Inventory/Notice of Inventory Completion in consultation with affiliated Indian tribes or Native Hawaiian organizations. If the new holding was acquired or located prior to April 20, 2007, you have until April 20, 2009 to do culturally affiliation consultation and distribute a NAGPRA Section Five Human Remains Inventory and publish a Notice of Inventory Completion in the *Federal Register*.

A newly Federally recognized Indian tribe has standing under NAGPRA and museums and Federal agencies covered by the Act are required by the Future Applicability Rule to send Section Six Summaries to these Tribes within six month of recognition. Federal Agencies and museums are also required within two years of recognition to prepare in consultation with culturally affiliated Indian tribes NAGPRA Section Five Inventories/Notices of Inventory Completion.

Maybe your organization didn't receive any Federal funds between November 16, 1990 when the law passed and November 16, 1995 when the last deadline occurred. But since that time it began to receive such funds. Those funds may be flowing directly to your organization or to your parent organization. For example, maybe you are working for a private college anthropology or art department and another department at the college started to accept Federal contracts or grants after November 16, 1995. Those funds have redefined your department as a museum covered by NAGPRA. If this is the case, your organization is required to comply with NAGPRA. If you find your organization is in this situation, you must within three years from the time the Federal funds were received or from the effective date of the Rule (4/10/07), whichever is later, provide a Section Six Summary to Indian tribes or Native Hawaiian organizations that are most likely to be culturally affiliated. Within five years of the date of receipt of Federal funds, or within five years of the effective date of this Rule, whichever is later, you must prepare, in consultation with affiliated Indian tribes or Native Hawaiian organizations, a Section Five Human Remains Inventory/Notice of Inventory Completion.

If your organization previously published a Notice of Inventory Completion, but the information has since substantively changed, the Future Applicability Rule requires a Notice of Inventory Completion Correction be published in the *Federal Register*. A substantive change is a change in the culturally

affiliated Indian tribes or a change in the minimum number of individuals count. The National NAGPRA Program will assist you with this process.

What does this mean for those of you who represent a Federally Recognized Indian tribe? Well, I hope you will see some new Summaries hitting your desk as well as an increase in the number of requests to consult in preparation of new human remains Inventories.

The rules can be found on the National NAGPRA Program's web site at http://www.cr.nps.gov/nagpra/MANDATES/43_CFR_10_13_%20Final%20Rule%2003-21-07.pdf. I wish you all great success in your NAGPRA compliance efforts.

Call for the 2008 Faber Grant Proposals

The Recognition and Grants Committee is requesting proposals for the Faber Grant, a cash grant of up to US\$1000, to support the best project addressing issues on the management, care, conservation, or use of natural history collections. Applicants for the Faber Grant must be SPNHC members in good standing for at least one year (2007-2008) prior to the award date. The successful applicant(s) will be expected to:

1. Present a final or interim report at the next upcoming Annual Meeting of the Society, and
2. Publish the results, with the understanding that the manuscript will be sent first to the SPNHC Publications Committee for first right of refusal.

Each applicant may submit only one proposal per funding period. The cover sheet should include a project title, name(s) of project personnel (including title, address, and phone/fax numbers), and a single line spaced 100 word abstract describing the proposed project. The proposal text should include a statement of purpose, project plan (e.g., participants, methods, materials, schedule of completion, etc.), and proposed use of funds. The application, including cover page, should not exceed 10 pages. Curriculum vita of the principal investigator and letters of commitment to be attached as an appendix.

Questions and proposals should be directed to the Chair of the Recognition and Grants Committee, Iris A. Hardy at bob.iris@ns.sympatico.ca or Geological Survey of Canada (Atlantic), Bedford Institute of Oceanography, Dartmouth, Nova Scotia, Canada B2Y 4A2. Nominations for the SPNHC Special Award, President's Awards and the Faber Grant must be submitted by 1 March 2008 to be considered for the current year. Additional details on each of these awards is also available at www.spnhc.org.

Presidential Report

Tim White

Assistant Director for Collections and Operations, Peabody Museum of Natural History, Yale University, 170 Whitney Ave., PO Box 208118
New Haven, CT 06511 USA

This has been a busy year for the Society for the Preservation of Natural History Collections. Earlier this summer I had the pleasure of representing SPNHC at the "Connecting to Collections Summit", which was sponsored by the Institute for Museum and Library Services and Heritage Preservation. *The Summit* brought together more than 300 museum, library, and archives professionals. In a series of presentations and panel discussions participants addressed ways to improve the care of their collections by working with outside experts, new technologies, the public, and funding sources. I was joined at this meeting by fellow SPNHC members Christine Chandler (Putnam Museum) and Paula Work (Maine State Museum), and I think I can say for all of us we found this to be exciting to be a part of.

Our meeting in Saint Paul at the Science Museum of Minnesota was well attended with more than 150 delegates. Hats off to local committee chair Gretchen Anderson for a job well done. The theme of this meeting was "Building for the Future" with an emphasis on capitol projects and was well received by the community.

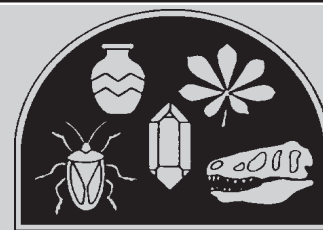
I would like to welcome James Macklin (Harvard Herbaria) and Clare Valentine (The Natural History Museum, London) to Council as new Members-at-Large. Likewise, we would like to thank Liz Dietrich (Smithsonian's Natural History Museum) and Elana Benamy (Academy of Natural Sciences, Philadelphia) for the energy they added to our meetings. Over the past few years Council has taken on some challenging activities. President-elect Rich Rabeler and the Members-at-Large distributed a survey to our membership and another survey to the general natural history community. Both surveys were very well received and we will use the responses to shape the future of the Society.

We had two very active sessional committees over the past year. Chris Norris led a group that investigated the future and sustainability of our journal *Collection Forum*. The committee made many suggestions and we will be looking at implementing these recommendations over the next couple of years. Bottom line...for *Collection Forum* to be successful we need your ideas!

Our Publicity and Outreach committee, chaired by Lisa Elkin, has tackled the issue of our identity. P&O has been charged with recommending a new logo and developing several new vehicles to distribute information about SPNHC to the museum community. We have created a new sessional committee to look at Best Practices and we will be participating in a National Science Foundation Research Collection Network, *Building a National Community of Natural History Collections*, headed by Alan Prather (Michigan State University) and Hank Bart (Tulane University). Our role will be to sponsor a Best Practices symposium at an annual meeting, develop a database of curatorial expertise, develop a working group to look at Best Practices, and sponsor an internship program for students interested in best practices.

For the first time in this Society's history we are making some changes to our membership categories and dues structure. We are adding student and corporate membership categories and increasing our annual dues for all categories. I will elaborate when we send out our dues notice this fall.

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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 SPNHC Treasurer, Planetarium Station, PO Box 526, New York, NY 10024-0526, USA.

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

Deadline for the next Newsletter is February 1, 2008.

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.....Presidential Report*

Last, I would like to remind you that we will be having an election this year for President, Secretary and two Members-at-Large. I urge you to consider who among you would make good leaders and represent the membership, as we plan for the next generation of collection professionals.

COMMITTEE REPORTS

Archives Committee

CURRENT ACTIVITIES: Material reported as on hand in the 2006 Annual Report was transferred to the Smithsonian Institution Archives on 20 April 2007 and assigned accession number 07-128. The material transferred in this accession included the following in order of receipt: Minutes of the General Business Meeting and First and Second Council Meetings held in May 2006 in Albuquerque, New Mexico, from Judith Price; Collection Forum, Spring 2006, Vol. 20, Nos. 1-2; SPNHC Newsletter, Sept. 2006, Vol. 20, No.2; Files of Delice Allison concerning 1987 Organizing Committee and 1991 Elections Committee from Ingrid Birker; Collection Forum, Fall 2006, Vol. 21, Nos. 1-2; Official Ballot for the 2007 elections, instructions for voting, and resumes of candidates; Agenda for the First Business Meeting of Council to be held 21 May 2007 in St. Paul, Minnesota, and Instrument of Proxy with instructions for voting by Proxy from Judith Price; 2006 Registration Packet for the 2006 Annual Meeting in Albuquerque, New Mexico, including Program and Abstracts, participant list, information pertaining to the meeting site and city, and handouts from various organizations; handout for the Annual General Meeting including agenda and committee reports; first draft of the Albuquerque Declaration on Taxonomy and Natural Science Collections that was presented at the AGM; reports on advertising for the Newsletter and membership breakdown; Accountants' Review Report and Financial Statement., December 31, 2005 and 2004; and handouts on the Heritage Health Index Report, all from Linda Hollenberg; SPNHC Newsletter, March 2007, Vol. 21, No. 1.

Currently, there is no material on hand that is ready to go to the Smithsonian Institution Archives. However, the former SPNHC website, documentation from the Saint Paul meeting, photographs from the Albuquerque and Saint Paul meetings, and digital images from the London, Albuquerque and Saint Paul meetings are being processed for deposition. The Committee discussed protocols and best practices for deposition of digital material with the Smithsonian's information technology archivist.

FUTURE ACTIVITIES: The Committee will continue to receive, list, and transfer material to the Smithsonian Institution Archives, and will initiate a conservation assessment of SPNHC's archives this year.

Many thanks go to Robert Fisher for his 10 years of service as chair of the Archives Committee, and for his contribution to this report. Linda Hollenberg took over as chair of this committee at the Saint Paul meeting.

Respectfully submitted,
Linda Hollenberg, Chair
Lisa Palmer

Conference Committee

After a successful meeting in Albuquerque, I began pursuing future venues and getting letters of intent in place. We had very good success – letters of intent for 2008 and 2009 as well as initial inquiries for 2010 and 2012!

- 2008: Sam Noble Museum of Natural History, University of Oklahoma
- 2009: National Natural History Museum Naturalis, Leiden, The Netherlands
- 2010: the 25th Anniversary meeting is being planned for Ottawa, Ontario
- 2012: The Peabody Museum, Yale University, has expressed interest

Presentations on both the 2008 and 2009 meetings were made at the AGM, getting SPNHC back on a schedule of membership approving the venue two years prior to the meeting.

Topics discussed at our 2007 meeting also included formalizing sponsor guidelines and "Post-Albuquerque" comments on the joint meeting with NSCA and meeting in a hotel setting.

Respectfully submitted,
Rich Rabeler, Chair

Conservation Committee

General Information

The following was discussed at the 2007 Conservation Committee meeting in Minneapolis.

1. Conservation Advocacy - This program would identify individuals who have expertise in particular areas of conservation or preservation (e.g. fluid collections, taxidermy mount cleaning, pyrite disease, etc.). You don't have to be a conservator! The intention is to be able to quickly direct inquiries to those who can most ably answer.

We are looking for individuals who would be willing to participate. Please contact Victoria Book (vbook@ou.edu) with your area of expertise.

2. Emergency Planning Initiative - This initiative would encourage emergency planning in our participating museums and

collections by publicizing available resources such as the Heritage Emergency National Task Force and dPlan. This initiative would also encourage the development and updating of emergency response plans.

If your institution has an up-to-date emergency plan and you would be willing to be contacted by a similar institution, please contact Victoria Book (vbook@ou.edu). Or, if you would like some guidance for writing a plan, we can point you to some resources.

Subcommittee Reports

1. Resources Display Units Subcommittee:

Co-Chairs: Cindy Ramotnik (US) & Kelly Sendall (Canada)

2007 has been a busy year for the U.S. Resources Display Unit. In the Spring, the display was used in a weeklong course, "Curating Natural History Collections", and held at the Santa Barbara Museum of Natural History in Santa Barbara, California. The course was sponsored by the Department of the Interior and attended by many National Park Service employees. After being exhibited at the annual meeting of SPNHC in St. Paul, Minnesota, in May, the display returned to Albuquerque, New Mexico, where it was set up for over 600 mammalogists during the annual meeting of the American Society of Mammalogists.

General information on both the USA and Canadian Resources Display Units is available at <http://www.spnhc.org/resource/index.html>. A detailed list of the products on the Canadian Resources Display Unit is available at:

http://www.spnhc.org/opencms/opencms/spnhc/resource/linked_documents/CDNresources.htm.

If you are interested in finding out more about the Resources Display Units or to request a loan for collections-based meetings, conferences, and workshops, please contact Cindy or Kelly. Also, if you have a suggestion regarding content please let us know.

2. Adhesives Workshop Subcommittee

An adhesive workshop is in the planning stages and is scheduled for the 2009 SPNHC annual meeting in Canada.

3. Adhesives Historical Research Subcommittee

Co-chairs: Jude Southward & Victoria Book

Subcommittee members will record the historic use of adhesives in natural history collections. Some factors to be recorded will include name of adhesive, applicability issues, and aging properties. Progress was made this year to identify the following topics for a survey. This survey will be distributed to pilot museums mid-year.

4. Citations Subcommittee

Membership

Membership applications for individuals (US\$35), Student, certified (US\$20), Subscription or Library (US\$45), Corporate/Commercial (US\$300) or Institutional (US\$65) may be submitted to:

*SPNHC Treasurer
Planetarium Station
P.O. Box 526
New York, NY 10024-0526
USA*

Be sure to include the following information:

*Name, Discipline Specialty, Institution
Address (Street, City, State/Province, Country, Zip/
Postal Code)
Voice, Fax, 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) and by Word file available at: <http://www.spnhc.org/about/membership.html>.

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 US\$875. The fee is 25 times the Individual Membership rate, currently US\$35. Life Memberships may be paid in one of three ways:

- (1) one-time payment of US\$875;
- (2) two-year installments of US\$475/1st year and US\$400/2nd year;
- (3) three-year installments of US\$420/1st year, US\$280/2nd year and US\$175/3rd year.

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

Treasurer

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.....Conservation Committee*

Chair: Marcia A. Revelez

The committee continues to seek out new reviewers. Anyone interested should contact Marcy Revelez. A database is currently under construction which will be searchable and comprise all citations listed in previous newsletters.

5. Barcode of Life Subcommittee or Fluids Historical Research Subcommittee (an historical survey of collections and their history of formalin fixation in natural history collections)

Co-chairs: Andrew Bentley, Bob Hanner & Dave Schindel

A fruitful meeting was held in Lawrence, Kansas, to investigate the feasibility of a study to probe the mechanisms and processes that affect DNA due to formalin fixation. A plan was conceived and a preliminary proposal drawn up for submission to the Sloan Foundation. At present Dave Schindel is seeking participation from chemists to run all the necessary analyses. Thereafter, Andy will be coordinating participation from natural history collections to provide test material for the analyses.

Respectfully submitted,
Jude Southward, Co-chair

Documentation Committee

The Documentation Committee meeting in St. Paul was attended by 9 people (Julie Droke, Tim White, Richard Raebler, Carol Butler, Robert Huxley, Jessica Cundiff, Bonnie Szirtes, Paula Work, and James Macklin)

Brainstorm discussion followed on such topics as: the 2008 meeting, core pieces of best practices, interpretation of permitting, and how other disciplines within SPNHC could help our committee.

Further discussion included the idea of creating a variety of checklists to be available on our website, such as, an "Acquisition Checklist," which could become a standard similar to the AAM's "Standard Facilities Report." Other checklists could include appraisals, all couched in best practices.

Final discussion concerned ideas for revisions of the new edition of the "New Museum Registration Methods." Destructive sampling, chain of custody, and audits were noted as subjects that should be included. Also, a chapter entitled "Permits versus Fish and Wildlife," and the suggestion to include a profile of a "natural history collections manager" were discussed.

The NHCOLL-L listserv, serving more than 700 subscribers, continues to be a very active forum for members of the natural

history community. Gregory Watkins-Colwell manages the list. To subscribe, go to http://www.spnhc.org/publications/nhcoll_1.html.

Chris Chandler continues to collate meetings, workshops, short courses, and important deadlines for the Calendar section of the SPNHC Newsletter. Please contact Chris at chandler@putnam.org with any important announcements. Welcome new co-chair: Julie Droke, Sam Noble Oklahoma Museum of Natural History.

Respectfully submitted,
Julie A. Droke, Co-chair

Education and Training Committee

At the 2007 SPNHC meeting at the Science Museum of Minnesota, St. Paul, Minnesota, the one and one half day workshop "Build It and They Will Come: What you need to know BEFORE you begin museum construction or renovation" was presented. Beginning on Friday, May 25 at the Minnesota Historical Society and continuing on Saturday, May 26 at the Science Museum of Minnesota, the workshop used lectures with question and answer sessions, building tours, and printed materials to cover the range of topics associated with museum construction. The workshop was organized by Lori Benson and Robert Herskovitz, and presented by a panel of speakers and tour guides.

Ongoing committee activities for 2007-2008 include continuing to identify ways to use the information gathered via the membership and community surveys to better serve the natural history collections audience. This includes further development of the roster of future workshop topics, possible mentoring, rosters of expertise, and possible collaboration or involvement with other organizations. The "How To" article series will be continuing.

Continuing goals and activities of the Education and Training Committee include 1) improving membership development by improving membership 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.

At the Committee meeting, Linda Hollenberg announced that she would be stepping down as Co-chair. Many thanks go to Linda for her leadership and service. We are pleased that Jeff Stephenson has agreed to become Co-chair.

Respectfully submitted,
Carol Butler and Jeff Stephenson, Co-chairs

Finance Committee

This past year the Finance Committee focused activities on the Treasurer's office transition from Washington, DC to New York, NY. As part of the transition, the Treasurer and Past Treasurer divided database updates and maintenance. The SPNHC Treasurer has been managing the membership database and the income daily log in New York. In Washington, the Past Treasurer has been managing the daily activities and the financial database. In February 2007 the SPNHC Treasurer and Past Treasurer met in Washington to review the financial database. Starting in May 2007, the SPNHC Treasurer began maintaining the financial database.

SPNHC long-term investments are looking extremely healthy. The Finance Committee discussed minor changes in our long-term investments with finance professionals. However, potential changes will not be brought forward to SPNHC Council for approval until after the transition of the Treasurer's Office has been completed.

Respectfully submitted,
Barbara Brown, Sue McLaren
Lisa Palmer, Rob Waller Co-chairs

Membership Committee

Immediately after last year's annual meeting, the Membership Committee composed three versions of letters to welcome or invite new members to join the Society. The first version is a general letter inviting professionals to join SPNHC; a second welcomes new members and invites them to attend our annual meeting; and, the third invites meeting attendees who are not SPNHC members to join SPNHC. President White immediately put our membership letters to use.

In June 2006, the Membership Committee mailed overdue notices to over 100 tardy members. Renewal notices for calendar year 2007 were mailed to regular, library and associate members in October 2006. Please refer to the Treasurer's report for further information about each membership category.

Our Committee also worked with the Sessional Committee on Publicity and Outreach, primarily via Linda Ford, to help the Society gain a better understanding of our current membership categories and membership fee structure. The Membership Committee looks forward to assisting Council implement any changes recommended by the P&O Committee.

Although the Membership Committee was charged with numerous activities including development of new membership and publication brochures, we have purposefully delayed producing new membership materials. There are adjustments that may be made to the Society over the next year, including a change in the business address, a new Society logo, and a revised membership fee structure. Bearing these changes in

mind, the Membership Committee thought it best to postpone new brochures until Council reviews and approves potential modifications. The Membership Committee looks forward to moving ahead with new brochures once we have revised information in hand.

Over the course of the next year, the Membership Committee expects to fully analyze and work with data from the Membership and Community surveys. Using the information recorded in both surveys, our Committee hopes to achieve a balance between determining how to retain our bedrock of current members while reaching out to natural history parties who may wish to join our organization. A preliminary review of member and community data suggests that there are numerous avenues for us to explore including contacting students at museum studies/collections care programs. Our Committee looks forward to working with the Members-at-Large and the Sessional Committee on Long-Range Planning in analyzing the data.

Our Committee also wishes to obtain a snapshot of a typical Natural History Collections Manager at this point in time. Areas of interest include: who are Natural History Collection Managers; what types of collections do we work with; and how do we perform our work including what kinds of domestic and international regulations we abide by? We will be using *Summary of a Study to Evaluate Collection Manager-type Positions*, by Paisley Cato, as published in *Collection Forum* 7(2), 1991 as both our spring board and comparison.

Respectfully submitted,
Lisa Palmer, Chair

Treasurer's Report

The State of New York approved our application to do business here. The office of the Treasurer has moved to NY. The new address is:

SPNHC Treasurer
The Planetarium Station
P.O. Box 526
New York, NY 10024-0526

E-mails have been sent to all members announcing the move and new address. Many thanks to Lisa Palmer for all her help in making the move possible and for her continued support to the office of the Treasurer.

In 2006, the Society's total net assets increased to \$206,404 from a total of \$185,972 the previous year. Liabilities and net assets for 2006 totaled \$213,324. Operating income was generated from two sources: membership dues and publication sales. Approximately \$17,540 in membership dues was received. Sales of our four publications brought in approximately

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.....Treasurer's Report

\$8,337, as well as \$550 from voluntary page charges. It was an excellent year for donations. Restricted and unrestricted donations totaled \$14,450. Donations included one from the United Kingdom Local Committee in the amount of \$9,377 towards the publication of *Collection Forum 21* (1 and 2), and a second donation of \$4,253 from the USGS Albuquerque Local Committee.

Ninety-four library, and 418 individual and associate subscribers renewed their membership in calendar year 2006. Of the 512 SPNHC members, 51 joined SPNHC for the first time.

Major expenses for the Society in 2006 were \$8,978 for *Collection Forum 20* (1 and 2) and \$3,614 for two issues of the *SPNHC Newsletter*. Election expenses including printing and mailing of the ballots came to \$683. Expenses towards the publication of two new books are as follows: a \$5,800 honorarium for chapter editors for the Health and Safety book, and \$2,020 for the design and layout of the *Museum Studies* book. One of the storage books, *Preventive Conservation*, was reprinted, costing \$3,912.

Additional expenses include \$67 by the Archives Committee for photo documentation, and \$57 for updating the US RDU unit. The Treasurer's Office incurred the following expenses: \$2,631 for postage, supplies, legal fees, post office box rental and contractual support for the Treasurer's Office, \$3,200 for insurance, \$537 in merchant fees, and \$3,075 for the 2005 financial review, tax preparation and filing.

In 2006, one Faber Award in the amount of \$1,000 was granted to the University of Texas. The loan of \$3,000 made to the Albuquerque Local Committee was repaid in 2006.

Long-term investment funds were consistent with the market; SPNHC investments gained approximately \$8,257 in value and our money market funds earned \$4,936 in dividends. Our CD earned approximately \$114 in interest. For additional information concerning the 2006 finances, please contact the SPNHC Treasurer.

The first part of 2007 has seen good income activity. Thus far, approximately \$12,730 has been received from membership renewals, including approximately 86 library subscriptions, and 335 individual and associate members. Thus far, of the 421 members, 35 are new. Over one hundred and forty members paying in 2006 have yet to renew in 2007. Please pay your dues on time.

Midway into 2007, sales of all our publications total \$3,110. A fifth book, *Museum Studies Perspectives and Innovations* was published and is available for sale through our distributor. SPNHC has also received \$506 in voluntary page charges.

Once again our donors promise to make 2007 a healthy and financially stable year. We have received \$100 in donations.

Thank you!

Expenses thus incurred in FY2007 include \$571 for office supplies, postage and legal fees, \$105 for the P.O. Box, \$142 in merchant card fees, \$150 for Heritage Preservation dues, \$318 in Election Committee expenses, \$1,953 for *Newsletter 21(1)* and \$1,368 to print *Museum Studies Perspectives and Innovations*.

Although the expense for publishing *Collection Forum 21* (1 and 2) was \$19,170, this was offset by a FY 2006 donation of \$9,377 from the UK Local Committee. Extra copies of this issue were sent to the UK Local Committee for distribution. The *Collection Forum* Sessional Committee spent \$629 to meet for one day at the American Museum of Natural History.

The Society anticipates additional FY2007 expenses related to publications including the Health and Safety book and investigating assistance for the Managing Editor. Other upcoming expenses are anticipated relative to the Publicity and Outreach Sessional Committee.

The financial review of the 2006 SPNHC financial records has been performed and taxes filed. One thousand dollars was deposited towards the total expense of the financial review. Please contact the SPNHC Treasurer for further details.

For their help throughout the year, we would like to extend thanks to Andy Bentley (University of Kansas), James Macklin (Harvard University), Judith Price (Canadian Museum of Nature), Rich Rabeler (University of Michigan), Kelly Sendall (Royal British Columbia Museum), Janet Waddington (Royal Ontario Museum), and Tim White (Yale University). The Smithsonian Institution, Division of Fishes and the American Museum of Natural History, Department of Ichthyology provided general office support for the Treasurer.

Respectfully submitted,
Barbara Brown, Treasurer
Lisa Palmer, Past Treasurer

Attention All Members!

We are looking for nominations to fill 4 positions in this year's election. These are 2 Members-at-Large, President and Secretary. If you have someone in mind, please consider nominating them and send Kelly a name before October 31, 2007 at the email address below. Our Society is gaining profile and influence worldwide and effective governance has never been more important!

Kelly Sendall - KSENDALL@royalbcmuseum.bc.ca

Surveying the Members and the Community – Insights into Our Audience

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As part of the mission of the Long-Range Planning Sessional Committee, two surveys were recently developed and conducted to gather information about SPNHC members and non-members who work with natural history collections. Survey questions were developed with input from several SPNHC Committees and then crafted to fit the format of SurveyMonkey.com, a web-based tool for conducting online surveys. The surveys were launched in March 2007 and conducted anonymously. A link to the extensive 43-question Membership Survey was sent by President Tim White via e-mail to all SPNHC members. The Membership Survey had a filter in place, so only responses from SPNHC members were collected. The shorter 18-question Community Survey was distributed to the broader collections community via a “take our survey” invitation from President White posted once to 15 list-servs. The Community Survey had a filter to collect responses only from those who were non-members of SPNHC. Members were given a three-week period to reply; the “community” received a two-week period.

We were absolutely delighted by the response; it was nothing short of phenomenal! One hundred ninety-three members responded – nearly 43% of our membership! The Community Survey attracted 575 responses, giving us a good sector of responses from both groups. An interesting way to summarize some of the survey content is to present profiles of the “average” SPNHC member and the “average” Community member (summarized below).

There are several interesting items that can be seen in comparing the results from the two surveys. It is actually comforting that both our members and the community suggested that SPNHC should be focusing on many of the same issues: the value of collections, museum closures and orphan collections, funding, permits, and shipping regulations. The member’s perception that others think SPNHC is a valuable resource but is often overlooked, was borne out by the Community Survey. The majority of respondents (91%) had never belonged to SPNHC, and 33% first learned about SPNHC from the Community Survey! This suggests that our members are correct – we need to be more pro-active, whether it be attracting more students, performing outreach, or developing more community resources or internet forums. We need to sell ourselves as professionals.

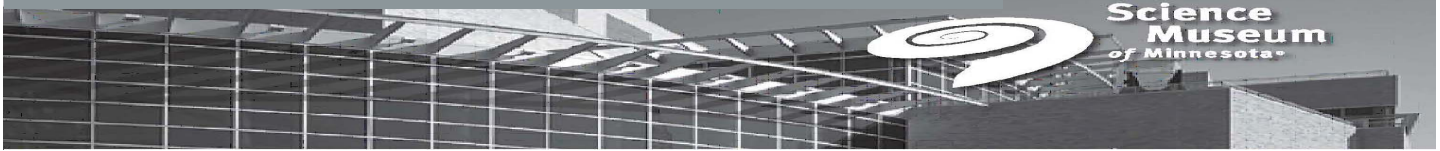
Detailed results have been compiled for the SPNHC archives and have been given to committee chairs so they may guide our future activities. For a copy of the survey results, contact Laura Abraczinskas (abraczi1@msu.edu). Results are still being analyzed. Thanks to all of you who did participate!

The average SPNHC Member Survey respondent

- Is a collections manager with a Master’s Degree in Biological Sciences or Zoology. If he or she conducts research, it’s discipline-specific systematic studies
- Pays his/her own dues and works for an institution that provides support for attending a meeting, making a presentation, or attending a workshop
- Is a member of the AAM (American Association of Museums)
- Has 6-10 years of experience with collections, especially General Natural History Collections, Botany, or Mammalogy
- Has experience in Collections Care & Preservation, then Database Management, Specimen Preparation, and Documentation and Collection Administration
- Believes the Mission Statement does represent the Society
- Ranks the SPNHC objectives as
 - 1 - providing for an international organization
 - 2 - encouraging research on methodologies
 - 3 - encouraging dissemination of information
 - 4 - publishing *Collection Forum*
 - 5 - holding annual meetings
 - 6 - developing workshops
- Feels others think SPNHC is a valuable resource but is often overlooked, either from others not knowing about it or from a perception that the organization is too broad (not discipline-specific)
- Indicates that SPNHC should be focusing on the value of collections, museum closures and orphan collections, funding, data standards, permits, and shipping regulations; and should collaborate with museum studies programs

Continued on page 17

SPNHC 2007 Conference Report, St. Paul, Minnesota



Paul Harwood

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To hold a conference in Minnesota, “Land of 10,000 Lakes” (and as residents know, billions of mosquitoes) would seem at first disadvantageous. The prejudices of most non-natives would assay that it is a backwater, far from the hubs of either culture or science. “Yes,” they would say “there is the Mall of America, certainly, (touted as the world’s largest) but that is as far as renown and learning, such as it is, goes.”

Residents know better. The “Twin Cities” of St. Paul and Minneapolis are not only not backwaters but can boast of fine cultural institution such as the Minnesota Orchestra, art museums such as the Weisman and Walker Art Center as well as a thriving arts community. As for Science, there are not too many cities that can boast of multiple first-rate science institutions such as the University of Minnesota, the Bell Museum and the Science Museum of Minnesota.

And so it was in St. Paul that SPNHC held its 2007 Annual Meeting. The theme of the meeting was “Building for the Future: Museums of the 21st Century” which focused on new buildings or renovating old facilities. The Twin Cities are no stranger to new museum building. Museums that have gone through building or rebuilding programs in the last few years include the Minnesota Historical Center, the Walker Art Center, The Minnesota Art Institute, the Bell Museum of Natural History and our conference host institution, the Science Museum of Minnesota (SMM). On bluffs overlooking the Mississippi River, the SMM was an ideal site. Having built a whole new facility in 1999 and through state-of-the-art “hands on”



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Science Museum of Minnesota

exhibits and an education outreach program to students and teachers alike, it has earned a reputation as a forward-looking, innovative voice for science and science collections.

Innovation and building were, of course, the theme of the lectures. With science dollars from public and government sources harder to depend upon, science institutions need to be more creative in finding ways to promote themselves and make their collections more accessible to the public. Many have found that new, open and appealing facilities allow them to draw more people while also making room for burgeoning collections. Gone are the days of the lightless, staid “ivory tower” science museums of the past.

SPNHC President Tim White, Dr. Eric Jolly, President of SMM, and Gretchen Anderson, Co-chair of the Local Organizing Committee, opened the 22nd Annual Meeting. The next three days were filled with lectures, panel discussions and workshops covering all aspects of capital projects including planning and implementing strategies, obtaining capital project monies, preparing boards, directors and staff for projects, controlling costs, moving anthropological or paleontology collections, building dedicated facilities (e.g. spirit collections) and enhancing environmental conditions.

Knowing how to begin a project is critical. Often the hardest part of the process, and the most crucial if the project is to be realized are be on time and be on budget. Getting everything in writing, being there to oversee, informing everyone involved and consulting the experts (e.g. grant writers, architects, contractors) are also important but planners must not forget to include input from staff who will be using the facility. Walter Crimm, VP of Cultural Practice, EwingCole, warned that “Time is your enemy!” Getting the legwork done at the beginning saves eleventh hour changes that run into project cutting and cost and time overruns.

Moving collections, finding and using temporary sites and off campus facilities were also on the agenda, each with its own myriad problems. Elizabeth Dietrich, Management Officer, related how the Smithsonian moved 25% of their natural history collections to a new off-site facility. Millions of fragile and irreplaceable specimens, some the size of trucks, had to be moved 7 miles away from the main museum. The move continues with the addition of a new spirit collection storage facility completed in the spring of 2007. Quite a logistical nightmare!

The Museum of Natural History in London also had to move part of its collection to an off-site refurbished old building. Getting it there was only part of the problem. Other curators, knowing of the unoccupied space windfall used it as an attic. It eventually became a “dumping ground” as Dr. Richard Sabin, Curator of the NHM cetacean collection related, “for anybody’s flotsam and jetsam” from the main museum. Dr. Sabin showed how the problem was brought under control but having a set

SPNHC 2007 Conference Report, St. Paul, Minnesota



policy and protocol at the start, which everyone knows and understands, was illustrated.

Building a new museum was certainly not easy for one of the keynote speakers. Dr. Michael A. Mares, Director of the Sam Noble Oklahoma Museum of Natural History waited over thirty years through a few apathetic, if not downright antagonistic, administrations as well as leaky roofs and abominable collection storage conditions, for the construction of a new facility that could finally be called a museum. The good thing was that he was there through all aspects of the project; able to implement all aspects with a firm hand. Careful control of all details was necessary. From initial planning to obtaining capital, preparing and informing all stakeholders, to actual construction (and those ne'er-do-well contractors) and final move-in, firm control and review are a constant worry. As Dr. Mares said, "Being there is all important." When he found out that some main beams had been laid without the necessary inspection, he had the contractors dig out the concrete to see that all was set properly. It seems you can't leave the store for a moment.

Probably the most ambitious project discussed was the California Academy of Science's new museum construction. Parts of the old building were damaged by the 1989 earthquake, so the decision was made to build a new facility. It is a huge undertaking. The building design is "green" and includes a living roof, water reclamation, and use of renewable energy. It will cost a whopping \$500 million! The exhibits in the new building are scheduled to open in late fall 2008, and the collections will start moving back in January 2009.

A panel discussion on the problems of off-site storage was interesting as members from five institutions discussed the problems they have faced with having their collections in two or more different locales. Commuting and convenience were not the only problems with split collections. "Separation anxiety" for staff who are assigned away from the main facility seemed to occur. Of course this problem abated with time but it does show that consequences are often unforeseen.

Through all the lectures and discussions, one thing was clear. "Being there" was important, but it must be a supple and interactive management through all phases from conception to fruition and beyond. Crises WILL occur, so you must be ready for them.

There were other subjects discussed too: databases, web interfaces and portals, curating anomalous fossils, standards, accessing competency for managers and conservators, and many others. A talk by Rose Kubiawicz of the Minnesota Historical Society on the hazards of storing toxic ethnobotanical specimens such as curare tipped darts was fascinating. I found talks on e-permits and necessary permits for specimen loans (there are more than you might think, and more on the horizon) very illuminating, and I found out that my institution

needed another permit to ship loans legally. Steven Weintraub, of Art Restoration Services, gave a neat presentation on easy (and affordable) ways to check for leaks in specimen cases. There were many such demos and workshops that merit mention but space will not allow.

Posters were presented, each demonstrating or telling of techniques to better manage a collection. From databases to diagnosing "sick" buildings to the woes of taxidermy, there were many informative concepts and ideas as well as experiences displayed.

Present also were the vendors who had a room upstairs from the lectures. Free samples were passed out as well as brochures of recent innovations. Many of the stalwarts were there: cabinet and compacter makers Delta Designs, Viking, Spacesaver and Lane, suppliers University Products, Gaylord and Hollinger, the Northern States Conservation Center and database suppliers KE Software and Specify as well as many others. Of note was a new data entry system from Specify, introduced as a teaser for their upcoming version 6. I also found interesting the new smaller and cheaper sensors with data analyzing software that are available to measure environmental controls.

Of course it was not all business - there was time to relax too. The first day of the conference was dedicated to field trips. These included a Mississippi River regional geology tour, which made stops at the University of Minnesota's St. Anthony Falls Laboratory and to Burnsville where there are extensive dolomite quarries.

The field trip I attended was a trip to Sherburne National Wildlife Refuge, a 37,000 acre prairie and savanna forest refuge. The trip was led by one of Sherburne's Wildlife Biologists, Jeanne Holler, who was very knowledgeable on prairie ecology. The Director of Sherburne, Nancy Haugen, welcomed our group and gave an introduction to the refuge.



Cooling the thirsty throats at Liffey's Irish Pub

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A New Look at James Smithson, founder of the Smithsonian Institution

Heather Ewing

Research Associate, Smithsonian Institution Archives, Capital Gallery West, Room 3000, PO Box 37012, MRC 507, Washington DC 20013-7012; hpewing@gmail.com. [Heather Ewing is the author of *The Lost World of James Smithson: Science, Revolution, and the Birth of the Smithsonian* (Bloomsbury, 2007)]

The Smithsonian Institution today is the world's largest museum and research complex, famously known as the "Nation's Attic," but little is known about the man for whom it is named. The Smithsonian was the result of the bequest of James Smithson (c. 1765-1829), an Englishman who left his fortune to the U.S., despite never having visited this country.

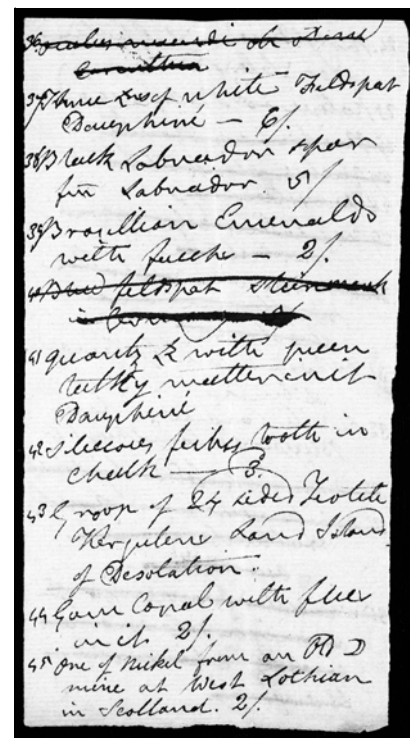
Smithson was born in secret in Paris, the product of a liaison between the first Duke of Northumberland and a wealthy widow who was a cousin of the Duchess of Northumberland. He dedicated his life to science, gaining attention from an early age for his skills and knowledge in chemistry - at a time when chemistry was undergoing tremendous revolution. He became the Royal Society's then youngest member in 1787, at age 22, and he published some twenty-seven known papers, one of which - "A Chemical Analysis of Some Calamines" in the *Philosophical Transactions* of 1802 - led to the naming of smithsonite after his death.

Most museum benefactors have collections that form the core of their original donation. Smithson did in fact amass an enormous mineral collection, numbering some eight to ten thousand specimens, which came to the U.S. along with his bequest in the 1830s. It was lost, however, along with virtually all of Smithson's papers and personal effects (everything except his collection of books), in a terrible fire early in the Smithsonian's history.

With those losses in the fire of 1865, the story of Smithson's life also essentially disappeared. I have tried to reconstruct that story in my new book, *The Lost World of James Smithson: Science, Revolution, and the Birth of the Smithsonian* (Bloomsbury, 2007). Smithson lived a peripatetic life among the capitals of Europe; he knew most of the major scientific figures of his era, including Henry Cavendish, Antoine Lavoisier, Humphry Davy, Georges Cuvier, Hans Christian Oersted, Jacob Berzelius and many others. He was also greatly affected by the turbulence of his revolutionary era. He was in Paris during the French Revolution, which he enthusiastically saw as "consolidating the throne of justice and reason," and he spent two years as a prisoner during the Napoleonic Wars. I hoped that through the papers and diaries of others it might be possible to uncover a new, and multi-dimensional picture of Smithson. Most of all, digging through the archives and libraries of Europe, I discovered how much the culture of the English Enlightenment, with its belief in science as an engine for the happiness and prosperity of society, shaped his views, and

the role that America played in the imagination of reformers and radicals like Smithson and his friends.

The publication of the book has spurred new investigations into Smithson's life, from many different quarters. A team of people from across the Smithsonian joined together to create a small exhibit, also called *The Lost World of James Smithson*, which is currently on display in the Smithsonian Castle until the end of the year. It focuses on Smithson's travels and his science, drawing on present-day collections at the Smithsonian to illuminate Smithson's life. It looks at how Smithson created his collection, and why. Some thirty mineral specimens are on display, including gold from what Smithson knew to be Verespatak in Transylvania (today Rosia Montana in Romania), silver from Norway, sulphur from Italy, malachite from Siberia, and many more. Paul Pohwat of Mineral Sciences, National Museum of Natural History, combed through the fragmentary mineralogical notes of Smithson at the Smithsonian Archives to identify minerals that had been in Smithson's collections and the localities from which he acquired them.



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Invites you to the
Joint Annual Meeting
SPNHC and NSCA
13-17 May 2008

Collection Stewardship:
Challenges in a Changing World

Please join us in Norman, Oklahoma for the 3rd joint annual meeting of the Society for the Preservation of Natural History Collections and the Natural Science Collections Alliance. The meeting will be held at the Oklahoma College of Continuing Education, located next to the Sam Noble Oklahoma Museum of Natural History at the University of Oklahoma.

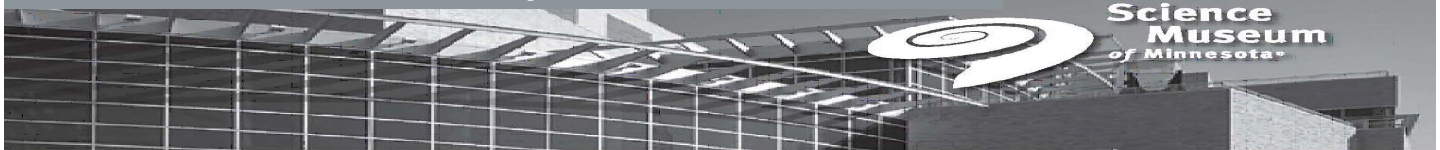
The conference will include two days of oral and poster presentations, including themed sessions, and one day of workshops. Pre-conference field trips will include opportunities to experience Oklahoma's natural and cultural heritage.

The Sam Noble Oklahoma Museum of Natural History will provide tours, and serve as host to both the Ice Breaker reception and the Banquet. Housing will be available both on and off campus. Local dining is not within walking distance, but lunches will be provided.

For additional information about the meeting, go to www.spnhc.org and follow the links or contact Janet Braun (jkbraun@ou.edu), Julie Droke (jdroke@ou.edu), or Marcy Revelez (mrevelez@ou.edu). Details of the meeting will be distributed regularly via listserves and the website will be updated as more information becomes available.



SPNHC 2007 Conference Report, St. Paul, Minnesota



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.....Conference Report

We were lucky to see a nesting pair of sandhill cranes and bald eagles. One of the more beautiful memories I have of the trip was when the bus was surrounded by a swarm of dragonflies which must have numbered in the tens of thousands. They were actually bumping against the sides and windows – beautiful if not a little unnerving. Other trips included tours of the Bell Museum and the Science Museum of Minnesota as well as the Minnesota History Center.

After the tours was an ice breaker at the Bell Museum of Natural History. Refreshments were served and jazz music performed amongst the dioramas of Minnesotan wildlife that occupy two floors of the museum. It was a very impressive backdrop to the festivities. The dioramas were constructed in the 1920's and 30's and are remarkable for their verisimilitude. I was especially interested in the "Touch and See Room" where children (or SPNHC members) are allowed to pick up bones, skulls, feather and fur; or feel specimens of bears, deer, elk or elephant skin (the elephant was not from Minnesota).

A memorable event I attended was a lunchtime tour of the SMM's ethnobotany collection. We were shown a collection of seed collected in the 1930's by Wesley Hiller, a dentist and avid amateur anthropologist. Some of the seed dated as far back as the 19th century. Much of the seed is still viable and because of its age is genetically clean. The museum has developed a program of germinating and maintaining these true-to-species seed stocks. Corn, beans, squash, rice, pumpkin, watermelon, tomatoes, cotton and tobacco were displayed, growing in the Three Sisters Garden in the backyard of the museum. Fascinating!

The one highlight that SPNHC members look forward to every year is the banquet, and this year, again, was no disappointment. It was held at the Wabasha Street Caves.



© Jean-Marc Gagnon
Wabasha Caves entrance

No, it was not a spelunking field trip but an old speakeasy that was hidden away in the bluffs on the south side of the Mississippi. Once the playground of mobsters and flappers it is now a restaurant, bar and catering hall. (St. Paul, believe it or not did have a history of gangsters during the depression.) We were transported by buses that looked like cable cars and greeted by the Lady-in-Red at the cave entrance. (For those who don't know their gangland history, she was the consort and informer of Dillinger the night he was killed by FBI agents at the Biograph Theatre in Chicago.) She was also our tour guide for a trip into the further reaches of the caves. Two country music bands, dining and lots of dancing (as usual) in the main dining cave filled the rest of the evening. A good time was had by all.



© Jean-Marc Gagnon
Dancing the night away at Wabasha caves

The meeting is certainly a time to catch up with colleagues and friends, learn about new technologies and techniques and share experience and knowledge in our respective fields but, it is also a time to re-spark our commitment to preserving our collections. The onus on science is palpable to explain, predict, and hopefully understand (if not remedy) rates of habitat and species loss, global warming, exponential human population growth and its related problems. If science is to get a grasp on the condition of the natural world, it must first understand the past. And the past, for science, is its natural history museums and herbaria. Stewardship of these two resources is imperative and better and newer facilities must be a factor in that stewardship. SPNHC has recognized this. Certainly this conference was part of the solution.

Editor: Thanks to our gracious hosts for a wonderful conference. I am sure that our hosts in Oklahoma, the Sam Noble Museum, will build on this and we will have an interesting, informative (tornado free!!!) time. Bring on SPNHC 2008.

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.....Smithson

According to an 1841 review, Smithson's mineral collection also included "a valuable suite of meteoric stones, which appear to be specimens of most of the meteorites which have fallen in Europe during several centuries." Had Smithson's collection with its hand-written labels survived to the present day, these specimens, presumably some from pre-18th century falls, would have proved of immense value. (Today, the only known pre-18th century European meteorite specimens come from the Ensisheim meteorite of 1492.) The exhibit includes a number of meteorites representative of those that were probably in Smithson's collection, including a specimen on loan from the Natural History Museum in London of the 1794 Siena, Italy, meteorite shower. This event is often referred to as the event that marks the start of the founding of the science of meteoritics, and Smithson was then in Tuscany and went immediately to Siena to study the stones. There is a possibility that the Smithson exhibit will go as part of the Smithsonian NMNH delegation to the mineral show at Tucson, Arizona, in 2009.

Also of note: On January 30, 2008, the Smithsonian Material Culture Forum will hold a session devoted to Smithson, which will highlight much of the work that has been done recently to retrieve Smithson's story through the study of the museum's collections. Steven Turner, curator of physical sciences at the National Museum of American History, will present on Smithson's laboratory work. Steve has been studying the instruments used in Smithson's experiments, and has been recreating some of that work as well (the exhibit includes some stills from video clips of the recreations). Leslie Overstreet,

curator of the Cullman Library at the Smithsonian Institution Libraries, will speak on Smithson's Library. The library is the only substantive item of Smithson's possessions that survived the fire of 1865. Many of the books carry Smithson's annotations, and a careful study of the collection is proving very fruitful. David Hunt, a forensic anthropologist at the Smithsonian's National Museum of Natural History, will speak about what can be learned about Smithson from his remains, drawing on information gleaned during a 1973 exhumation and forensic examination.

There are also preliminary plans to create a Smithson website, to pull together these varied inquiries and discoveries in an interactive, searchable format. Such a site could also provide the opportunity to create a virtual natural history collection, for one that was thought to have been lost forever.

Apologies for late arrival due to new arrival

We would like to apologize for the late arrival of this newsletter but it is due to the timely arrival of our second son, Parker Hayden Daniel Bentley, born the 8th August at 3:18pm to Andy Bentley and Lori Schlenker. He weighed in at 8lbs 14oz, was 21 inches long and both mom and baby are doing well while older brother Spencer (the first official SPNHC baby) is ecstatic (for now!!!)

"How To" Series

SPNHC is looking for contributions to our "How To" leaflet series. This series is designed to give introductory advice to people in small museums, libraries, and schools who may have specimens or collections, on the care and preservation of these objects. The goal is to give people who find themselves in a position to care for natural and cultural history objects good information and help them better manage these assets. The leaflets can be two pages (front and back), may be written in a popular style, but should cover basic issues of proper handling, mounting, labeling, and prevention against agents of deterioration.

We are seeking contributions in the following topics:

1. Rocks and Minerals (geared toward a small reference-type collection)
2. Herbarium (the 'basics' on how best to prepare a quality herbarium sheet, and what storage pitfalls to watch out for)
3. Conchology (everybody's got some, but what do you do with them?)
4. Invertebrate Fossils, and
5. Small Mammals (hides and mounts).

Please contact Jeff Stephenson at Jeff.Stephenson@dmns.org for more information or to submit material.

The "How To" series is intended to provide basic, introductory information regarding particular collections or specific collections management techniques. This information is intended to assist those who may be caring for one or more collections for which they may have limited or no expertise. Readers should seek out detailed information (as needed) to supplement what is provided as part of the "How To" series.

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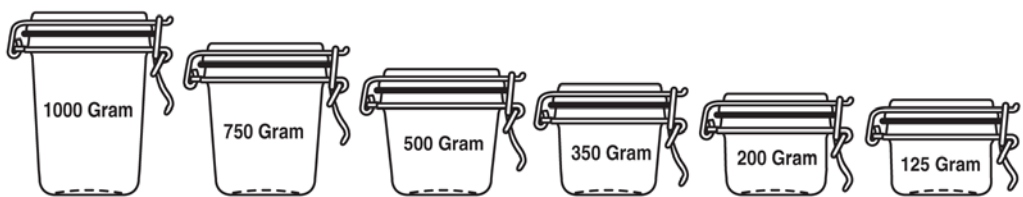
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1.5 Liter	53	108.0	225.7	85	\$3.18
1 Liter	39	108.0	176.1	85	\$2.42
.75 Liter	30	108.0	145.6	85	\$2.32
.5 Liter	21	108.0	108.1	85	\$2.28

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750 Gram	30	113.5	137.0	100	\$3.19
500 Gram	21	113.5	107.0	100	\$2.65
350 Gram	15	98.5	99.0	85	\$2.12
200 Gram	9	83.3	86.5	70	\$1.94
125 Gram	7	83.3	73.4	75	\$1.89

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..... Surveying the Members...

- Benefits most from *Collections Forum*, Annual Meetings, and SPNHC Books
- Benefits least from Resource Content on Web Page, Annual Workshops, and the Newsletter
- Indicates that she/he would not benefit from having a mentor – nor would be willing to serve as a mentor
- Has attended an Annual Meeting and would like to see us meet with ICOM-CC (Natural History Collections), NSCA, NatSCA, and AAM
- Indicates that workshops at meetings are more attractive to attend, but do not increase chances of getting funds to attend. A certificate of completion would add value. Members might travel to a non-meeting workshop
- Indicates that workshops on Preventive Conservation, IPM, and Collection Standards should occur on a recurring basis
- Would like to see meeting posters, presentations, and abstracts on the SPNHC website
- Indicates that a “Notes” section should be added to *Collections Forum* and has never submitted a manuscript to *Collections Forum*
- Thinks we need to be more pro-active in attracting more students, conducting outreach, expanding community resources and internet forums, and selling ourselves as professionals

The average Community Survey Respondent (non-member)

- Is a researcher, with a Ph.D. in Zoology or the Biological Sciences
- Has 6-10 years experience working with natural history specimens, especially in Botany or Invertebrate Zoology
- Belongs to several societies, most of which are discipline-specific (e.g., Society of Vertebrate Paleontology, the Paleontological Society, Geological Society of America)
- Has never been a SPNHC member (91%), never attended a SPNHC meeting, and first learned about SPNHC from this survey (33%)! Those who had been a member previously have limited funds for memberships
- Might join SPNHC, but indicated the matter of too many different groups vs. limited funds for memberships
- Perceived SPNHC member benefits of the most use as Best Practice Guides, SPNHC books, and technical leaflets
- Ranks the SPNHC objectives as
 - 1 - providing for an international organization (same as membership)
 - 2 - encouraging research on methodologies (same as membership)
 - 3 - encouraging dissemination of information (same as membership)
 - 4 - developing workshops (6th for membership)
 - 5 - publishing *Collection Forum* (4th for membership)
 - 6 - holding annual meetings (5th for membership)
- Believes that SPNHC should be focusing on the value of collections, museum closures and orphan collections, funding, permits, and shipping regulations



SPNHC Newsletter Advertising

Why Advertise in the SPNHC Newsletter?

Members of SPNHC are the people who use your products and services. They are often the decision makers about products and procedures that will be used in their institutions. These people want to know about products and services that will help them do their jobs more effectively. They are interested in the latest techniques and materials available, as well as educational and travel opportunities, new publications, and events and programs related to natural history and collections.

All advertisements should be submitted as .tif or .pdf files, formatted for a PC. Ads can be placed in one sixth, quarter, half or full page. It is recommended that image resolution be 300 dpi. Electronic files may be e-mailed or sent on a disk to the newsletter editor, at abentley@ku.edu. Any necessary printers charges will be billed to the advertiser. Payment must accompany the insertion order and tear sheets will be sent after publication.

There is limited space in each Newsletter (maximum two full pages of advertising total), and space will be allotted on a first-come, first-served basis. Ad placement is at the discretion of the editor. So do not delay, and send your ad today! More information can be found on the SPNHC website - www.spnhc.org.

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, for current postings.

Faculty of Arts and Sciences Department Harvard University Herbarium, Curatorial Assistant (II)

Duties And Responsibilities: Assists with the general curation of the vascular plant collections. Processes incoming and outgoing loans and exchanges. Prepares labels for newly acquired specimens; inserts labels; sends out sets of specimens on exchange and to specialists as gifts. Sorts and files newly mounted specimens into collections, and audits specimens in the herbaria for needed repair. Does data entry for and takes digital images of type specimens. Reorganizes collections when necessary. May serve as source of information to the public, visiting scholars, and students, explaining and describing the collection; and may answer correspondence pertaining to collection as needed. Performs related job duties as required.

Required Education, Experience and Skills: College degree with specialized courses pertaining to botany and/or herbarium collections preferred; word processing and data entry skills helpful. Strong interpersonal skills and the ability to work well independently and with others. Ability to lift up to 40 lbs. See http://jobs.harvard.edu/jobs/search_req for application materials.

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.....Positions

Faculty of Arts and Sciences Department Harvard University Herbarium, Curatorial Assistant (I Collection Database Assistant): **Duties And Responsibilities:** Reports to the Manager, Collections Operations of the MCZ. Entering collection data for museum-wide database, sorting, filing and maintaining data in database. Checks and compares data for accuracy and completeness. Gathers specific information and compares data for accuracy and completeness. Gathers specified information and compiles routine reports. Performs tasks for special projects related to the digitization process as assigned. Contributing to unit goals by accomplishing related duties as required.

Required Education, Experience and Skills: High school graduate or equivalent with data processing training beyond high school preferred. One year of related experience with computers and word or data processing. Candidate needs to possess methodical, precise work habits and strong attention to detail. Good communication skills. Ability to work in a busy environment and to work independently when necessary. Typing ability may be tested.

Peabody Museum, Yale University, Herbarium Collection Manager: Position description: Be responsible for the day-to-day management of the collection including all aspects of the preservation, improvement, development and use of the collections. Report to the Curator of Botany and Assistant Director for Collections and Operations.

Education and experience: 1. Master's degree in a scientific field and three years related experience, or an equivalent combination of education and experience. Preferred: Ph.D. in the Biological Sciences and at least one year of museum experience. 2. Experience in collections management, databasing, and field collecting. 3. Thorough knowledge of systematic botany. 4. Effective interpersonal skills and ability to work independently and to write grant proposals and reports. See <http://www.yale.edu/hronline/stars/application/external/index.html> for application materials.

Biodiversity bioinformatics network designer and manager, Canadian University Biodiversity Consortium: Qualifications – M.Sc. or Ph.D. in biology and university degree in computer science, with experience in both fields. The person will have sound network management skills and experience, with examples of achievements in production-level networks. Preference will be given to candidates with experience with biological collections, digitization of collections, biodiversity, or biological software. The person will have excellent leadership qualities, networking, interpersonal skills, and a very good working knowledge of English and French.

Job description – The biodiversity bioinformatics manager will design and implement the tools necessary to build a network of distributed databases that can be queried from the Web as a single entity. The person will put in place a Web-accessible portal for synthesising and displaying biodiversity data. The person will need to interact with a large community of biologists. The person will assist collections managers in the choice of software and hardware for efficient data entry, database management and digitization of collections. The person will enable effective communication between collections managers and university information technology units. Working in concert with global biodiversity initiatives (e.g., GBIF, TDWG, etc.), the person will be knowledgeable of new bioinformatics developments related to biodiversity networks throughout the world. The biodiversity bioinformatics manager will be based at the Institut de recherche en biologie végétale, associated with the Université de Montréal and located at the Montreal Botanical Garden. The position is for five years, with possibility of renewal, starting in Fall 2007 (negotiable). Salary to be discussed. The Canadian University Biodiversity Consortium is a network of biological collections from 12 universities and five botanical gardens in Canada. One of its objectives is to put in place a network of over 30 distributed collections databases that focus on plants, fungi and insects. The project is funded by a Canadian Foundation for Innovation grant led by the Université de Montréal. The Consortium also includes researchers from the universities of British Columbia, Alberta, Saskatchewan, Manitoba, Guelph, Toronto, York, McGill, Laval and Acadia. Applicants should send a letter of interest, a complete c.v. and names of three referees (preferably by email) to: *Dr. Anne Bruneau, Institut de recherche en biologie végétale, Université de Montréal, 4101 Sherbrooke est, Montréal, Québec H1X 2B2; Tel: (514)-872-7301; anne.bruneau@umontreal.ca.*

Anthropology Collections Manager, Utah Museum Of Natural History: Supervises the care, management, development and proper utilization of Museum anthropology collections. Manages staff, students and volunteers; administers budgets and grants; and offers general collection support to the Museum, other institutions and agencies:

- Responsible for routine collection management activities including care and preventative conservation activities, documentation, budgets and reports for collections.
- Oversee new collections acquisitions and associated research, inventory, physical care and data entry.
- Organize research requests, loan requests and public requests.
- Assist in exhibition preparation by selecting objects and providing research support and written copy material.
- Participate in museum educational activities including docent training, special tours of collections or exhibitions, outreach programs, and lectures.
- Interact with professionals and the public by telephone, correspondence, email, and in person to provide information and answer questions.
- Maintain collection storage areas, laboratories, and related work areas.
- Assist in training and supervising employees, volunteers and students working with collections.
- Assist other Museum departments with anthropology collections and participate in institutional committee assignments.
- Prepare collections for move to a new facility and assist in organization and implementation of move.

Qualifications: A Bachelors degree or advanced degree in Museum Studies, Museum Science, or 5-7 years of experience in museum collection management, demonstrated oral and written communication skills and good organizational and interpersonal communication skills. **Work Schedule:** Monday to Friday, 8am to 5pm. Applicants claiming Veterans or Disabled Veterans preference must submit a photo copy of their DD-214 and complete the Utah State Veteran's Preference Addendum. The University of Utah is an Affirmative Action/Equal Opportunity employer. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities. Go to <http://www.utah.edu>, click on Employment in the top right corner and search by Job ID: 29902.

Vertebrate Paleontology, Curatorial Associate: The Department of Vertebrate Paleontology in the Museum of Comparative Zoology, Harvard University invites applications for a permanent, full-time staff position as Curatorial Associate. This individual will provide intellectual and administrative leadership dedicated to the integration and coordination of collection activities including facilities enhancement, electronic data-basing, and management of institutional records. The individual will formulate and implement policies and procedures related to collections activities. The selected candidate would report to the Curator of Vertebrate Paleontology and the Manager, Collections Operations.

Responsibilities: Reports to the Curator of Vertebrate Paleontology and the Manager of Collections Operations in the Museum of Comparative Zoology (MCZ). In consultation with the departmental Curator and the Manager of Collections Operations, the Curatorial Associate will develop short- and long-term collection priorities, including facility upgrades; manage the implementation of these projects; undertake curatorial processing of existing and new collections; oversee the creation and updating of computerized specimen databases; assist in the preparation and monitoring of the departmental budget; participate in museum-wide initiatives and collaborative projects with other MCZ collections; assist in preparation of grant proposals for collection improvement; and respond to inquiries from the public. In collaboration with the Curator, will assist in planning and executing field programs for the collection and study of fossil vertebrates.

Requirements: Masters degree in vertebrate paleontology and/or natural history museum studies with expertise in collecting and preserving fossil materials highly desirable. At least 5+ years of curatorial experience in a vertebrate paleontology collection (or equivalent); knowledge of vertebrate anatomy and systematics; familiarity with fossil preparation techniques preferred; 3-5+ years of supervisory experience; demonstrated competence in writing, public speaking, and organization; excellent computer proficiency, including database management. Excellent interpersonal communication skills required, as well as the ability to work both independently and in a team environment.

To Apply: Please send your CV and the names of three references that are familiar with your work with collections to: <http://employment.harvard.edu/>. Requisition #: 31085. HARVARD UNIVERSITY IS AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

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), Jennifer Holt (JH), Ann Pinzl (AP), Marcia Revelez (MR), Cindy Ramotnik (CR), and Janet Waddington (JW). 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); mrevelez@ou.edu.

- Alexander, E.P. and M. Alexander. 2007. *Museums in motion: an introduction to the history and functions of museums (2nd ed.)*. AltaMira Press, 328 pp. (MR)
- Anderson, G. (ed.) 2006. Museums and relevancy. *Journal of Museum Education* 31(1): 1-72. (MR)
- Anheuser, K. 2007. Medieval reliquary shrines: conservation of medieval precious metalwork. Archetype Books. 144 pp. (JH)
- Andrew, K., W. Atkinson, and S. Thompson. 2007. NatSCA study trip to Sweden – 19th/20th May 2006. *NatSCA News* 11: 17-20. (AP)
- Ashby, G. 2007. Giving the people what they want; meeting zoology collections with their audiences: a case study. *NatSCA News* 11: 5-8. (AP)
- Association of Art Museum Directors. 2007. *AAMD Salary Survey, 2007*. American Association of Museums, 58 pp. (MR)
- Bailey, H. 2005. *Fungal contamination: a manual for investigation, remediation & control*. Building Environment Consultants, Inc. (VB)
- Bell, T. 2007. A survey of documentation standards in the archaeological and museum community. *Archive Mapper for Archaeology, EPOCH Reports*. (MR)
- Bregnhoi, L. 2007. *Architectural paint research in building conservation*. Archetype Books. 200 pp. (JH)
- Brophy, S. 2007. Strike it rich. *Museum Practice* 38: 42-45. (MR)
- Buck, R. and J. Allman Gilmore. 2007. *Collection conundrums: solving museum registration mysteries*. American Association of Museums. (VB)
- Calder, P.R. 2006. Murphy's law: when exhibition building goes wrong. *Museum Practice* 34: 35. (MR)
- California Association of Museums. 2006. *California museums survey, 2006: a statistical report and salary survey of California Museums*. California Association of Museums, 40 pp. (MR)
- Calvini, P., A. Gorassini, and A.L. Merlani. 2007. Autocatalytic degradation of cellulose paper in sealed vessels. *Restaurator* 28(1): 47-54. (MR)
- Cato, P. 2007. Book Review: Things great and small: collections management policies, by John E. Simmons. *Collections* 3(1): 113. (MR)
- Chung, Y.S. 2007. The collection and exhibition of *in situ* historic buildings. *Collections* 3(1): 35-52. (MR)
- Cooper, K.C. 2007. *Spirited encounters: American Indians protest museum policies and practices*. AltaMira Press, 232 pp. (MR)
- Correa, P.G., V.J. Germano, G. Radis-Baptista, and N. Oguiura. 2007. Detection of crotamine and crotoxin gene sequences in genomic DNA from formaldehyde-fixed rattlesnakes. *Herpetological Review* 38(2): 158-16. (CR)
- Cotte, S. 2007. An evaluation of the role of semi-transparent relining in the conservation of Thangka paintings. *Studies in Conservation* 52(1): 2-12. (VB)
- Daniels, V. 2007. Analyses of copper- and beeswax-containing green paint on Egyptian antiquities. *Studies in Conservation* 52(1): 13-18. (VB)
- Down, J. L. and E. Kaminska. 2006. A preliminary study of the degradation of cyanoacrylate adhesives in the presence and absence of fossil material. *Journal of Vertebrate Paleontology* 26(3): 519-525. (JW)
- Douglas, J. 2007. *Scientific research on the sculptural arts of Asia: proceedings of the Third Forbes*. 232 pp. (JH)
- Doyle, A.M. 2007. The thermo-lignum pest control treatment. *NatSCA News* 11: 50-51. (AP)
- Erhardt, D. and C.S. Tumosa. 2005. Chemical degradation of cellulose in paper over 500 years. *Restaurator* 26: 151-158. (MR)
- Falk, J.H., L.D. Dierking, and S. Foutz. 2007. *In principle, in practice: museums as learning institutions*. AltaMira Press, 338 pp. (MR)
- Fothergill, H. 2005. The state and status of geological collections in United Kingdom museums: 2001. *The Geological Curator* 8(3): 1-136. (JW)
- Fraser, J. and D. Wharton. 2007. The future of zoos: a model for cultural institutions. *Curator* 50(1): 41-55. (MR)
- Gregersen, K.M. 2007. Zinc chloride in liquid preservation. *NatSCA News* 11: 2-4. (AP)
- Hamilton, S., R.D. Whitehouse, and K.I. Wright (eds.). 2007. *Archaeology and women*. Left Coast Press, Inc. 416 pp. (MR)
- Hein, H.S. 2007. The authority of objects: from regime change to paradigm shift. *Curator* 50(1): 77-87. (MR)
- Hennes, T. 2007. Hyperconnections: natural history museums, knowledge, and the evolving ecology of community. *Curator* 50(1): 87-109. (AP)
- Heritage Preservation. 2007. Lessons Applied, project of the Heritage Emergency National Task Force. (MR)
- available at <http://heritagepreservation.org/lessons/index.html>
- Heritage Preservation. 2007. Capitalize on Collection Care. (MR)
- available in pdf at <http://www.heritagepreservation.org/PDFS/Capitalize.pdf>
- Hohn, T.C. 2007. *Curatorial practices for botanic gardens*. AltaMira Press, 208 pp. (MR)
- Jabo, S.J., P.A. Kroehler, and F.V. Grady. 2006. A technique to create form-fitted, padded plaster jackets for conserving vertebrate fossil specimens. *Journal of Paleontological Techniques* 1: 1-6. (JW)
- available at <http://www.jpaleontologicaltechniques.org>
- Johnson, K. 2005. Type-specimens of birds as sources for the history of ornithology. *Journal of the History of Collections* 17(2): 173-188. (JW)
- Journal of Museum Education. 2007. Complete Volumes 1-30, 1973-2005. *Journal of Museum Education* 99(1): 1-2700. (MR)
- Kadoyama, M. 2007. *The spot where it flows: practicing civic engagement*. American Association of Museums, Web Exclusive. (MR)
- Kaml, I. and E. Kenndler. 2007. Characterization of natural organic binding media in museum objects by capillary electrophoresis. *Current Analytical Chemistry* 3(1): 33-40. (MR)
- Kavvouras, P.K. and M. Fotopoulou. 2006. A note on a simple device for measuring wooden artifact volume. *Studies in Conservation* 51(4): 291-296. (VB)

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- Lampard, D. 2007. Basic biochemicals. *NatSCA News* 11: 27-37. (AP)
- Latham, K.F. 2007. The invisibility of collections care work. *Collections* 3(1): 103-113. (MR)
- Levin, A.K. (ed.) 2007. *Defining memory: local museums and the construction of history in America's changing communities*. AltaMira Press, 272 pp. (MR)
- Lindsay, L. 2007. Ethics and authenticity in natural history exhibits: the public wants what the public gets. *NatSCA News* 11: 212-214. (AP)
- Lord, G.D. and K. Markert. 2007. *The manual of strategic planning for museums*. AltaMira Press, 170 pp. (MR)
- Marckett, S.B., J. Yurchisin, and S.T. Torntore. 2007. The process and meaning of collecting ethnographic textiles. *Collections* 3(1): 53-74. (MR)
- McLean, K. and C. McEver (eds.) 2007. *Are we there yet? Conversations about best practices in science museum exhibits*. Left Coast Press, 132 pp. (MR)
- Measures, K. 2007. Nature detectives. *NatSCA News* 11: 9. (AP)
- Morrissey, K. and J. Diamond. 2006. Museums and public understanding of evolution. *Museums & Social Issues* 1(1): 1-144. (MR)
- Morrissey, K. and G.S. Sorin. 2007. What is race? *Museums & Social Issues* 2(1): 1-146. (MR)
- Naldony, J. 2007. *Medieval painting in Northern Europe: techniques, analysis, art history*. Archetype Books, 280 pp. (JH)
- Nesbitt, M. 2006. *Identification guide for near eastern grass seeds*. Institute for Archaeology. (VB)
- Noè, L.F., R. Gúmez-Cruz, M. Gúmez-Pérez, and P. Patarroyo. 2006. A pliosaur travels: The packaging of a unique Cretaceous marine reptile, and its transport from Colombia to the United Kingdom. *The Geological Curator* 8(6): 271-280. (JW)
- O'Donoghue, M. (ed.) 2006. *Gems: their sources, descriptions and identification*. Sixth Edition. Butterworth-Heinemann/Elsevier, 873 pp. (JW)
- Reviewed in *The Mineralogical Record* 38(2): 167.
- Ogane, K. and N. Suzuki. 2007. A sectioning method using nail polish for observation of the internal structure of disk-shaped polycystine radiolarians. *Journal of Paleontology* 81(1): 216-219. (JW)
- O'Gorman, J.A. 2007. Rehabilitating old archaeology collections with GIS. *Collections* 3(1): 75-102. (MR)
- Owen, R. and A. Doyle. 2007. A preliminary investigation into using Tyvek® bags for short-term storage as a means of protecting herbaria from damage by insect pests such as *Stegobium paniceum*. *NatSCA News* 11: 10-16. (AP)
- Pekarik, A.J. 2007. Studying visitors and making museums better. *Curator* 50(1): 131-135. (MR)
- Pye, E. 2007. *Touching objects: handling in the cultural heritage context*. Left Coast Press, 306 pp. (MR)
- Rounds, J. 2007. On the use of museum studies literature: a research agenda. *Curator* 50(1): 135-146. (JW)
- Saunders, D., R. Billinge, J. Cupitt, N. Atkinson and H. Liang. 2006. A new camera for high-resolution infrared imaging of works of art. *Studies in Conservation* 51(4): 277-290. (VB)
- Schnell, U. and P. Jensen. 2007. Determination of maximum freeze drying temperature for PEG-impregnated archaeological wood. *Studies in Conservation* 52(1): 50-58. (VB)
- Schotte, B. and A. Adriaens. 2006. Treatments of corroded lead artifacts. *Studies in Conservation* 51(4): 297-304. (VB)
- Schweizer, C. 2006. Migrating objects. *Journal of the History of Collections* 18(2): 187-199. (MR)
- Seifert, S.A., et al. 2000. Arsenic contamination of museum artifacts repatriated to a Native American tribe. *JAMA* 283(20): 2658-2659. (MR)
- Koster, E.H. and J.H. Falk. 2007. Maximizing the external value of museums. *Curator* 50(2): 191-196. (MR)
- Simons, L.S. 2005. Dinosaurs for sale. *National Geographic* May 2005 48-69. (AP)
- Smith, M.M. (ed.). 2007. Critical thinking skills in the museum. *Journal of Museum Education* 32(2): 1-96. (MR)
- Stoddart, B. 2007. The structures of plant tissues and the effects of drying and fluid preservation on them. *NatSCA News* 11: 38-43. (AP)
- Stoddart, B. 2007. Colouration and fading: how do pigments become degraded or altered by light and their environment. *NatSCA News* 11: 44-46. (AP)
- Stoddart, B. 2007. Digestion of tissues by invading fungi: questions and mechanisms. *NatSCA News* 11: 47-49. (AP)
- Teper, J.H. 2007. Popular 20th century office reprographic processes: a guide to identification and preservation. *Collections* 3(1): 7-34. (MR)
- Trzeciak, J., S. McCann, and M. Martin. 2006. Collaborative approaches to designing effective digital image databases for the study of three-dimensional museum collections. *OCLC Systems & Services* 22(4): 263-282. (VB)
- Vandenebeeke, P., J. Tate, and L. Moens. 2007. Non-destructive analysis of museum objects by fibre-optic Raman spectroscopy. *Analytical and Bioanalytical Chemistry* 387(3): 813-819. (MR)
- Velios, A. and J. Harrison. 2007. Digital reconstruction of fragmented archaeological objects. *Studies in Conservation* 52(1): 19-36. (VB)
- Wang, W. 2007. Development of thermoluminescence dating of ancient pottery and porcelain. *Sciences of Conservation and Archaeology* 19(1): 57-71. (VB)
- Weaver, S. 2007. *Creating great visitor experiences: a guide for museums, parks, zoos, gardens and libraries*. Left Coast Press, Inc., 208 pp. (MR)
- Wilson, J.A. 2006. Anatomical nomenclature of fossil vertebrates: Standardized terms or 'lingua franca'? *Journal of Vertebrate Paleontology* 26(3): 511-518. (JW)
- Yao, C.C., L.D. Dierking, P.A. Anderson, D. Schatz, and S. Wolf. (eds.). 2007. *Handbook for small science centers*. AltaMira Press, 328 pp. (MR)

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; chandler@putnam.org or dinoceras@juno.com.

2007

August 2007

August 9 - 11, 2007. Campbell Center for Historic Preservation Studies course, **Computer Software for Collection Management**. For more information, contact The Campbell Center for Historic Preservation Studies, 203 East Seminary, Mount Carroll, IL 61053; (815) 244-1173 Phone; (815) 244-1619 FAX; registrations@campbellcenter.org; http://www.campbellcenter.org.

August 13 - 17, 2007. Campbell Center for Historic Preservation Studies course, **Collection Management in Storage**. For more information, contact The Campbell Center for Historic Preservation Studies, 203 East Seminary, Mount Carroll, IL 61053; (815) 244-1173 Phone; (815) 244-1619 FAX; registrations@campbellcenter.org; <http://www.campbellcenter.org>.

August 19 - 24, 2007. **ICOM 21st General Conference, Museums and Universal Heritage**, Vienna, Austria. Contact: Armine Wehdorn, ICOM-Österreich, c/o Geldmuseum der Österreichischen Nationalbank, Otto-Wagner-Platz 3, A-1090 Wien, Austria; +43 1 404 20 6631 Phone; +43 1 404 20 6695 FAX; armine.wehdorn@oenb.co.at; <http://austria.icom.museum/2007/index.html>.

August 19 - 25, 2007. ICOM-CC (Committee for Conservation) Conference Session 2007, **Managing a Finite Resource: Balancing Conservation and Use of Collections**. See <http://www.icom-cc.icom.museum/Calendar> for pdf.

August 21 - 23, 2007. Campbell Center for Historic Preservation Studies course, **Exhibition Lighting**. For more information, contact The Campbell Center for Historic Preservation Studies, 203 East Seminary, Mount Carroll, IL 61053; (815) 244-1173 Phone; (815) 244-1619 FAX; registrations@campbellcenter.org; <http://www.campbellcenter.org>.

September 2007

September 5, 2007. NEH **America's Historical and Cultural Organizations Planning Grants** and **Interpreting America's Historic Places: Planning Grants** deadlines. For guidelines, contact NEH at <http://www.neh.gov> or call (202) 606-8570.

September 6 - 7, 2007. AAM **Secrets of Accreditation Seminar**, Austin, Texas, USA. Go to <http://www.aam-us.org> for more information.

September 10 - 12, 2007. **Bicentennial Conference, Geological Society**, London, England. Information at: <http://www.geolsoc.org.uk/gsi/society/bicentenaryconference>.

September 12, 2007. Northern States Conservation Center online short course, **When Collection Numbering Goes Bad**. For more information, contact: Northern States Conservation Center, P.O. Box 8081, St. Paul, MN 55108; (651) 659-9420; info@collectioncare.org; <http://www.collectioncare.org>.

September 13, 2007. NSF **Informal Science Education Grants** deadline.

September 16 - 21, 2007. **Annual Conference of the Association of Zoos and Aquariums**, Philadelphia Zoo, Philadelphia, Pennsylvania, USA. See <http://www.aza.org> for more information.

September 17, 2007. Midwest Art Conservation Center workshop, **Choosing Materials for Exhibition Construction and Display: A Matter of Preservation**, Minneapolis, Minnesota, USA. For more information, go to <http://www.preserveart.org>.

September 17 - 21, 2007. Campbell Center for Historic Preservation Studies course, **Matting, Advanced for Exhibition & Decorative Mounts**. For more information, contact The Campbell Center for Historic Preservation Studies, 203 East Seminary, Mount Carroll, IL 61053; (815) 244-1173 Phone; (815) 244-1619 FAX; registrations@campbellcenter.org; <http://www.campbellcenter.org>.

September 17 - 22, 2007. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Museum Information Management**. For more information, check out the website at <http://www.uvcs.uvic.ca/crpm/upcoming.aspx>.

September 21-26, 2007. **5th European Congress of Mammalogy**, Siena, Italy.

September 24 - 28, 2007. **Preserving Aboriginal Heritage: Technical and Traditional Approaches**, Ottawa, Ontario, Canada. More details available at: http://www.cci-icc.gc.ca/symposium/index_e.aspx.

September 25 - 28, 2007. **Association of Midwest Museums 2007 Annual Conference, No Museum is an Island**, Mackinac Island, Michigan, USA.

September 28, 2007. Midwest Art Conservation Center workshop, **Disaster Response: The Critical First 48 Hours**, Alexandria, Minnesota, USA. For more information, go to <http://www.preserveart.org>.

October 2007

October 1, 2007. **Conservation Project Support Grants** deadline. For more information: <http://www.ims.gov>.

October 1 - 5, 2007. Campbell Center for Historic Preservation Studies course, **Spot Testing**. For more information, contact The Campbell Center for Historic Preservation Studies, 203 East Seminary, Mount Carroll, IL 61053; (815) 244-1173 Phone; (815) 244-1619 FAX; registrations@campbellcenter.org; <http://www.campbellcenter.org>.

October 2 - 6, 2007. **2007 Annual Meeting of the Southeastern Museums Conference: Making Your Museum Matter**, Little Rock, Arkansas, USA. Conference details at: <http://www.semcdirect.net>.

October 10 - 14, 2007. **Shake it Up, Museums Activate and Innovate, 2007 WAM Annual Meeting**, Oakland, California, USA. More information: http://www.westmuse.org/future_conf.htm.

October 17 - 20, 2007. **67th Meeting of the Society of Vertebrate Paleontology**, Austin, Texas, USA. Information available at <http://www.vertpaleo.org>.

October 18 - 20, 2007. **Current Issues in Museum Management Seminar**, Charleston, South Carolina, USA. Go to <http://www.aam-us.org> for more information.

October 22 - 24, 2007. **Museums Association Annual Conference and Exhibition 2007**, Scottish Exhibit and Conference Center, Glasgow, Scotland, UK. Check for meeting details at <http://museumsassociation.org>.

October 28 - 31, 2007. **The Paleontological Society (PS) Annual Meeting at the Geological Society of America (GSA) Annual Meeting**, Denver, Colorado, USA. More information: http://www.paleosco.org/2007_Denver_GSA.html.

October 29 - November 3, 2007. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Communicating through Exhibitions**. For more information, check out the website at <http://www.uvcs.uvic.ca/crpm/upcoming.aspx>.

November 2007

November 1, 2007. **Museums for America Grants** deadline. For more information: <http://www.ims.gov>.

November 2, 2007. Midwest Art Conservation Center workshop, **Disaster Response: The Critical First 48 Hours**, Bismarck, North Dakota, USA. For more information, go to <http://www.preserveart.org>.

November 7 - 10, 2007. **Museum Computer Network (MCN) Annual Conference, Building Content, Building Community: 40 Years of Museum Information and Technology**, Chicago, Illinois, USA. Details at <http://www.mcn.edu>.

November 14, 2007. Northern States Conservation Center online short course, **Collection Protection – Are You Prepared?** For more information, contact: Northern States Conservation Center, P.O. Box 8081, St.

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Paul, MN 55108; (651) 659-9420; info@collectioncare.org; http://www.collectioncare.org.

December 2007

December 1, 2007. **Conservation Assessment Program Grants** deadline. For more information: http://www.imls.gov.

December 3 - 8, 2007. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Conservation in Context**. For more information, check out the website at http://www.uvcs.uvic.ca/crmp/upcoming.aspx.

December 21, 2007. Northern States Conservation Center online short course, **What is Your Museum's Web Presence?** For more information, contact: Northern States Conservation Center, P.O. Box 8081, St. Paul, MN 55108; (651) 659-9420; info@collectioncare.org; http://www.collectioncare.org.

2008

January 2008

January 22 - 27, 2008. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **The New Web: Interactive and Collaborative Technologies in the Museum World**. For more information, check out the website at http://www.uvcs.uvic.ca/crmp/upcoming.aspx.

February 2008

February 1, 2008. **National Leadership Grants** deadline. For more information: http://www.imls.gov.

February 1 - 2, 2008. **CEOs and Governance Seminar**, Santa Fe, New Mexico, USA. Go to http://www.aam-us.org for more information.

February 11 - 16, 2008. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Caring for Collections**. For more information, check out the website at http://www.uvcs.uvic.ca/crmp/upcoming.aspx.

February 15, 2008. **Museum Assessment Program Grants** deadline. For more information: http://www.imls.gov.

February 25 - March 1, 2008. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Building Knowledge: Museums and Research**. For more information, check out the website at http://www.uvcs.uvic.ca/crmp/upcoming.aspx.

March 2008

March 15, 2008. **IMLS 21st Century Museum Professionals Grants** deadline. For more information: http://www.imls.gov.

March 24 - 29, 2008. University of Victoria Continuing Studies, Cultural Resource Management Program course (on campus), **Exhibition Design and Installation**. For more information, check out the website at http://www.uvcs.uvic.ca/crmp/upcoming.aspx.

April 2008

April 1, 2008. **Native American/Native Hawaiian Museum Grants** deadline. For more information: http://www.imls.gov.

April 2 - 4, 2008. **Legal Issues of Museum Administration**, Phoenix, Arizona, USA. Go to http://www.aam-us.org for more information.

April 21 - 24, 2008. **The American Institute for Conservation (AIC)**

36th Annual Meeting: Creative Collaborations, Denver, Colorado, USA. More information: http://aic.stanford.edu.

April 26, 2008. **Save America's Treasures Grants** deadline. For more information: http://www.imls.gov.

April 27 - May 1, 2008. **AAM Annual Meeting and MuseumExpo™ 2008**, Denver, Colorado, USA. Check out meeting details at http://www.aam-us.org.

May 2008

May 26 - 28, 2008. **Annual Meeting of the Geological Society of Canada**, Quebec City, Canada. For more information: http://www.gac.ca/activities.

June 2008

June 20 - 21, 2008. **Learning in Museums Seminar**, Minneapolis, Minnesota, USA. Go to http://www.aam-us.org for more information.

June 22 - 25, 2008. **The 2008 Meeting of the American Society of Mammalogists**, Brookings, South Dakota, USA.

July 2008

July 23 - 28, 2008. **Joint meeting of the American Society of Ichthyologists and Herpetologists (ASIH) and the American Elasmobranch Society (AES)**, Montreal, Quebec, Canada. For more information: http://www.asih.org or http://elasm.org.

September 2008

September 12 - 18, 2008. **Annual Conference of the Association of Zoos and Aquariums**, Milwaukee County Zoo, Milwaukee, Wisconsin, USA. See http://www.aza.org for more information.

September 17 - 21, 2008. **2008 WAM Annual Meeting**, Anchorage, Alaska, USA. More Information: http://www.westmuse.org/future_conf.htm.

October 2008

October 5 - 9, 2008. **Annual Meeting of the Geological Society of America**, Houston, Texas, USA. For more information: http://www.geosociety.org.

October 15 - 18, 2008. **68th Meeting of the Society of Vertebrate Paleontology**, Cleveland, Ohio, USA. Information available at http://www.vertpaleo.org.

October 18 - 21, 2008. **Association of Science-Technology Centers (ASTC) 2008 Annual Conference**, Philadelphia, Pennsylvania, USA. Conference information: http://www.astc.org/conference/future.htm.

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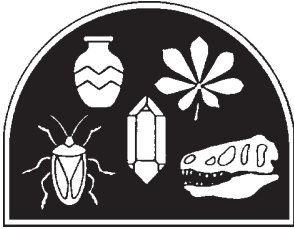
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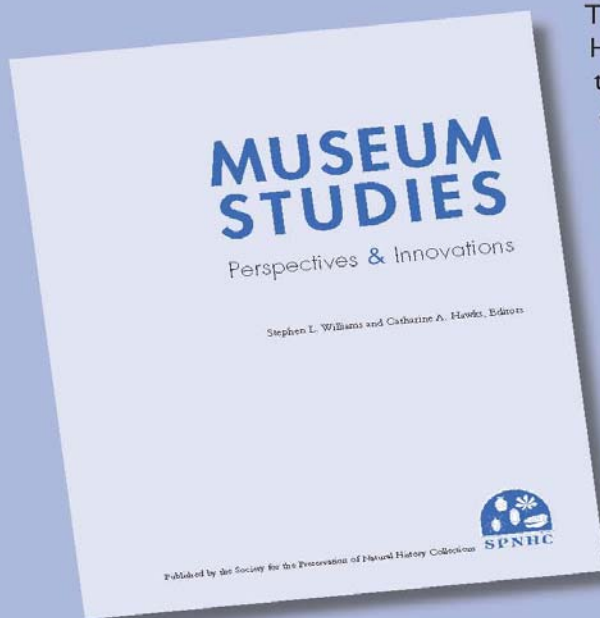
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MUSEUM STUDIES: Perspectives & Innovations

Stephen L. Williams and Catharine A. Hawks, Editors

ISBN: 9780963547637



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