

SPNHC NEWSLETTER

*Society for the Preservation
of Natural History Collections*

*August 1990
Volume 4, Number 2*

LETTER FROM THE PRESIDENT

Dear Members,

It is with pride and pleasure that I witness, year to year, the strong development of SPNHC. The Society's real strength is derived from its growing number of dedicated members, members who persuade home institutions to share resources, work hard on standing and sessional committees, participate in and assist with annual meetings, provide valuable services to the Society and the museum community, and meet challenges never before presented to the natural history museum community. It is the high caliber of this collective effort that is making SPNHC a valuable resource for all natural history collections.

The Fifth Annual Meeting, hosted by Field Museum of Natural History, was one of the most recent and most visible activities of SPNHC. Besides facilitating and organizing the technical presentations and workshops, an educational symposium, interesting tours, commercial displays, and delightful social events, the members of the Local Committee were busy accommodating the needs of approximately 200 registrants. Daily transportation, facilities for council and committee meetings, and special assistance for individuals, were among the extraordinary services provided. The enthusiastic registrants, excellent facilities, a tireless Local Committee, dedicated program participants, and "The Windy City" all contributed an exceptional meeting that will be long remembered.

Less obvious was the flurry of activity behind the scenes of over 65 members involved with the functions of committees, subcommittees, and Council. These individuals use the annual meeting to get together and coordinate activities that will be conducted during the following 12 months. Some of these members are involved with the production of the Society publications (*Collection Forum* and the *SPNHC Newsletter*); others are dealing with finances and membership (currently approximately 500 individual members and 60 subscribers); still others are divided among various Society operations (for example: elections, archives, publicity, education and training, planning annual meetings, and similar activities). As important as all of these functions are to the success of the Society, there are still other members that are actively serving the membership by compiling information on literature, supplies, resources, and conservation information.

As SPNHC starts its sixth year, the strength and success of the Society is dependent on its members working together to build bridges of communication and

cooperation among various disciplines as well as with other organizations. The International Symposium on the Preservation of Natural History Collections to be held in Madrid in May 1992, serves as only one example of what can be accomplished with our collective efforts. As incoming President, I sincerely hope that the enthusiasm and multi-disciplinary cooperation will continue to move the Society in progressive directions for many years to come.

... Stephen Williams, SPNHC President

BAY FOUNDATION SUPPORTS TRAINING SYMPOSIUM

The Education and Training Committee and the entire SPNHC membership thank the Bay Foundation for the opportunity to present the recent symposium, Exhibiting Natural History Materials. We had approximately 100 registrants of whom eight submitted projects. These participants include Cindy Woodruff (Wisconsin Department of Natural Resources) whose project concerns a room exhibiting objects and live animals, Errol Hooper (University of Kansas) whose project is titled "Exhibiting Natural History Materials: The Ducks in Kansas and the Birds of Kansas Exhibit", Robert Leavy (Florida Museum of Natural History) on a permanent exhibit of historically significant artifacts, and Stephen LeMay's (Authentic Fossils) project concerning fossil displays within a private collection. In addition, Wayne Lyons (Queen's University) submitted a project titled "Coronal Sections of an Adult Human Brain" within a wall mounted display case, while Charlie Messenger (University of Nebraska State Museum) and Karen Messenger (Lentz Center for Asian Culture) presented problems with displaying ivory, metals, and bone. David Schwendeman's (Schwendeman's Taxidermy Studio) project describes "An Exhibit Design to Display an Old Collection of Mounted Birds" for the Hiram Blauvelt Wildlife Art Museum. We thank all of these people for their additional efforts in participating in the 1990 SPNHC symposium. We appreciate all the positive comments we have received from the SPNHC membership concerning the symposium and will strive to bring you an equally informative workshop in 1992.

... Lynn Barkley, Education and Training Committee

1990 SPNHC MEETING A TRANSATLANTIC VIEW

A SPNHC member for two years, I attended my first meeting of the Society at Field Museum between 7 and 11 May 1990. I would like to acknowledge the grants kindly made available to me by The Geologists Association Curry Fund, The Conservation Unit, The Horniman Museum and The Thomas Alexander Mason Trust which made my attendance possible.

For those members unable to attend, or perhaps nervous of attending for the first time, the Publicity and Liaison Committee requested my views of the meeting as a first time delegate.

The first day of the meeting provided an opportunity to view the galleries of the Field Museum, and to tour various departments. A geologist by training, I chose to attend the tour of the paleontology collections.

Tuesday, Wednesday and Thursday were filled with presentations and half-day workshops, all to a high standard (very few ums and ers or photos of sunsets). Presentations lasted for fifteen minutes and topics ranged from a review of conservation problems encountered in Conchology collections, the results of a survey carried out to establish the cost of maintaining natural history collections worldwide, splitting in canine teeth of bat specimens and pyrite decay at low levels of relative humidity. In addition, there were two theme sessions on aspects of collection management and disaster planning; the latter held many people in horrified fascination. I attended workshops on archival materials and basic book repair; other workshops available were on museum problem solving, computerisation, exhibit in progress and workers right-to-know.

In addition to spoken presentations, there were several poster presentations and a selection of suppliers were present. These suffered slightly in attendance by being some distance from the lecture hall and lunch room.

On the final day, a conservation symposium on exhibiting natural history materials was held. This was made up of a morning session of talks, and an afternoon session of workshops. Participants could then undertake an assessed project at their own museum in order to obtain a certificate of attendance. Other options were additional tours of Field Museum departments and a geological tour of the Chicago area.

Accommodation for the conference was at the Blackstone Hotel, formerly a Sheraton, but now glorying in faded splendour! However, despite the repetitively sticky Danish pastries for breakfast, the hotel was comfortable and reasonably priced. Finding an evening meal was fairly straightforward, although two of the Vietnamese restaurants on the lists provided were no longer in

existence and our party had to question the bemused doorkeeper of the nearby Quaker Tower for an alternative.

I found the morning coffee break and lunch time meal plan excellent; this was also the best time to chat and exchange ideas in a very friendly environment. The three evening receptions provided plenty to drink, but the food was a bit sparse.

Congratulations to David Willard and the rest of the Local Committee for their efforts in organising the event and for its smooth running.

In conclusion, I found the meeting very stimulating, and enjoyed being able to meet people working in all subject disciplines and yet concerned with the common goal of preservation of natural history collections. I hope to attend next year too.

... Katherine J. Andrew, Geology Conservation Intern,
The Horniman Museum, London

FABER AWARD

SPNHC seeks nominations for the Faber Award. The award is designed to recognize a person engaged in the care and preservation of natural history collections.

Selection Criteria: The nominee must have made a significant contribution within the calendar year (January-December) in any area of collections management, conservation, or other collection-oriented topic in natural history.

Nominations Procedures: Nominations may be received from any member of the Society. A nomination should be made to the Coordinating Committee in the form of the name, a description of the contribution, and a current vita. Nominees need not be SPNHC members.

Submission Date: March 15, 1991 (for 1990)

Address Nominations to:

Fred Collier
Paleobiology
Museum of Natural History
Smithsonian Institution
Washington, D.C. 20560 USA

SOCIETY AND COMMITTEE NEWS

CALL FOR NOMINATIONS

Nominations for two Members-at-Large are being solicited by the **Election Committee** for the 1991 slate of officers. These are the only positions being filled. Members are encouraged to send the names and addresses of possible nominees to the Nominations Subcommittee by October 1:

Grant W. Hughes
Royal British Columbia Museum
675 Belleville Street
Victoria, British Columbia, Canada V8V 1X4

Jane E. Deisler-Seno
Corpus Christi Museum of Science and History
1900 N. Chapparral
Corpus Christi, Texas 78401 USA

Publications Committee is seeking reviewers for *Collection Forum*. If you are interested in serving, please send your name, address, and a description of your general area of interest to Paisley S. Cato, Managing Editor (#3). The journal is a peer-reviewed journal and depends on the services of you and your professional colleagues to review submitted manuscripts.

Resources Committee will focus on the preparation of written materials to be incorporated into a SPNHC collections care information packet for distribution at the 1992 Madrid Symposium. It is anticipated that the results of these efforts will be available to all SPNHC members as well. The packet will include annotated bibliographic references on the care of natural history collections, selected sources of supplies and equipment, and a directory of organizations whose publications, training programs, or grants serve the care of these collections. In addition, the **Supplies and Equipment Subcommittee** will produce S&E questionnaire templates in word processor and dBase formats so that the questionnaires may be completed by hand, typewriter, or computer entry.

Guidelines Subcommittee of the Conservation Committee is assembling procedure and policy manuals as well as collections use guidelines. The contents of these manuals and guidelines will be available as examples to members who request a particular topic, and will be used by the subcommittee to design proto-type or generic sample documents for use in collections and museums. Please send your manuals and/or guidelines (even in draft stage), to Betsy Webb by October 15. (#4)

Bylaws Committee is looking into the requirements for the letters of incorporation and the bylaws to fit with the de facto structure of the Council.

Education and Training Committee will offer a workshop on "Pest Control" in conjunction with the 1992 Annual Meeting in Lincoln, Nebraska.

1992 Madrid Meeting Sessional Committee is working on the Technical Program. A group of international museum and conservation professionals met in Washington, D.C. 4-6 August, to draw up a specific plan of action for 1990-1991. The committee welcomes help in all aspects of the planning. For further information, please contact Cesar Romero-Sierra (#5).

Logo Sessional Committee - Look for the logo on SPNHC publications and flyers.



MEMBER NEWS...

Paisley S. Cato is the new Collections Manager at Virginia Museum of Natural History, 1001 Douglas Avenue, Martinsville, VA 24112 USA; tel: (703) 666-8600. ... **Carl Patterson** has joined the Denver Museum of Natural History as Conservator. ... Congratulations **Ingrid** (Birker) and **David** on the birth of their son Mack Singleton, July 31. ... **Sally Shelton** just completed the Materials for Conservation course given by the Institute of Archaeology, London and taught by Velson Horie (look for her review in the Feb. 1991 issue). ... We were saddened to hear of the tragic deaths, June 2, of **Skip Dickinson** and his wife **Mary R. Dickinson** in an airplane accident outside of Washington, D.C. Skip was piloting his private plane from the AIC Meeting in Richmond, VA when the landing gear malfunctioned. As head of Delta Designs Ltd., he worked with the museum community to design and construct high quality storage cabinets. Our condolences to their family and friends.

FROM OUR CORRESPONDENTS. . . .

Resistall Paper and Its Use in Natural History Museums

Recently there has been concern in natural history collections about the archival qualities of Resistall paper. Paper intended for the long-term preservation of collection information should be both durable and permanent. Some of the most durable papers (resistant to abrasion, repeated bending, and tearing) are produced with long-fiber cotton. The permanent papers are those free from acidic materials that accelerate cellulose deterioration; the preferred pH range for labels in association with proteinaceous tissues is 6.0 to 8.5. The primary problem recognized with Resistall paper is that the pH ranges from 4.5 to 5.2. To shed some light on the nature of this product, several individuals were questioned, specifically Ed Driscoll (Byron Weston Company, manufacturer of Resistall paper), Christine Allen (University Products, Inc., distributor), and Dillard Carter (Texas Tech Press, distributor). Collectively, the information proved very useful in understanding the characteristics and intended use of Resistall paper.

The Byron Weston Company normally manufactures cotton fiber paper with suitable pH levels (7.5 to 9.5), giving the paper the durability and permanence of archival quality products. However, this product does not accommodate the needs of natural science collections for labels that are stable in fluids. To meet this need, the Resistall procedure requires a special bulk-run that incorporates a specially formulated wet-strength resin (melamine, C₃H₆N₆) into the cotton pulp that is used for making archival quality paper. For the paper to be resistant to "water, alcohol, oil, and formalin", an acid is used to force the melamine into solution so that it will coat every cotton fiber in the pulp - this is the reason why Resistall paper has a lower pH. Byron Weston purchases the melamine, remixed in a 0.08% alum solution known as paper makers acid, from an independent chemical company.

During the past several decades, Resistall paper has been used in natural history museums for labelling specimens stored in fluid. Its suitability for labelling natural science specimens has not been questioned until recently. Although the archival qualities of Resistall paper may be questionable, at this time it is one of the few versatile labelling products that resists rapid deterioration in fluids. Where fluids are not used, other paper products are more desirable for permanent records. Although it may be possible to develop a single archival quality paper product that meets the needs of both wet and dry collections, according to Driscoll, currently the market is not large enough to warrant the necessary research or investment.

... S.L. Williams, Texas Tech University

6th International Council for Archaeozoology

The International Council for Archaeozoology (ICAZ) was founded in 1976, European-based at its inception, but now drawing its membership from 43 countries. ICAZ, held for the first time in North America, May 21-25, 1990, in Washington, D.C., was hosted by the Archaeobiology Program, Department of Anthropology, Museum of Natural History, Smithsonian Institution. Co-organizers of the Conference were Melinda A. Zeder and Bruce D. Smith. The program included a plenary session (Approaches to Faunal Analysis: Past, Present, and Future), featuring prominent mentors and pioneers in archaeozoology, platform and poster sessions, and workshops. Session topics included: Biological Mechanisms Behind Osteological Distinctions; Bone Tools; Isotopes and Archaeozoology; Reading Patterns in Faunal Assemblages. Workshops included: Experimental Taphonomy; Osteological Preparation; Scanning Electron Microscopy; Computer Applications.

Of special interest to SPNHC members, the ICAZ conference was preceded, May 20, by a one-day symposium, "The Curation of Archaeozoological Materials". Convenors for the symposium were Elizabeth Wing (University of Florida) and Melinda Zeder (Smithsonian). As a working definition, archaeozoological materials include both modern comparative/reference collections of invertebrate and vertebrate species, and zoological remains recovered from archaeological sites. The general goal of the symposium was to propose curation guidelines, presented by panelists under the topics: Criteria for Acceptance (minimal standards, compliance with laws and regulations); Preparation and Conservation (including health issues); Cataloguing (alternatives, data management systems); Storage (environmental controls, organization); Accessibility (arrangement of collections and data, control of access, sharing information).

The symposium served to generate feedback and discussion between panelists, discussants, and attendees, people who curate and/or use these types of collections, and it formed the basis for further exchange of ideas toward developing standards of curation. The results of the symposium will be published as a (modestly-priced) "white paper" or handbook, in a form that will allow supplements and changes in the future. Appendices of useful information (laws and regulations, topical bibliographies, sources of materials, etc.) will be included. A couple of informal polls conducted by panelists prior to ICAZ were combined into a comprehensive questionnaire which was distributed to the membership at the conference. The survey covered such topics as size, type, and location of collections, type of institution curating the collection(s), accessioning, preparation, and curation policies. The results of the questionnaire will be collated

and included in the publication.

A similar curation symposium, with a workshop format, will be a part of the program at the next ICAZ in Stockholm, in 1994.

For ICAZ membership information, contact Anneke T. Clason (#6), for a copy of the program and abstracts, contact Melinda Zeder (#7), and for information about this first symposium volume, contact Elizabeth Wing (#8).

... Susanne Miller, Idaho Mus. Nat. Hist.

Report on Natural History Collections Care -- a Colorado-Wyoming Association of Museums Professional Development Workshop

Thirty museum professionals, representing five states and a wide range of institutions and responsibilities, met at the Denver Museum of Natural History (DMNH) for a two-day workshop, 22-23 September 1989.

Robert Waller, mineral sciences conservator at the Canadian Museum of Nature, Ottawa, gave the keynote address on "Agents of Deterioration in Natural History Collections." Friday's sessions included the basics of collection care, curation of earth sciences collections, and ethical considerations in natural history collections. On Saturday, the sessions included curation of biological collections, research and documentation in natural history collections, and the curation of man-made collections. The workshop wound up with a summary and discussion moderated by Carl Patterson, DMNH (then with the Rocky Mountain Regional Conservation Center).

Instructors for the workshop came from the curatorial and professional staffs of the DMNH and the RMRCC as well as the Colorado School of Mines, National Park Service, Texas Memorial Museum, University of Nebraska, University of Denver, and Professional Entomology Service Technologies.

Many of the participants represented museums which are responsible for managing wide-ranging collections on modest budgets, and are not always financially able to send representatives to national meetings. The workshop served as an excellent introduction to the important issues in collections care for museum professionals who have responsibility for natural history specimens or materials as part of their jobs.

Too often, we as natural history collections workers limit our professional involvement to our immediate peers and forget that there are many other people and institutions who can also benefit from, and add to, the development of our field. The DMNH workshop served as an excellent bridge to a wider museum community. Congratulations to Lynn Swain, Joanne Carter, and the staff of the DMNH for coordinating this program and setting up a tough act for others to follow.

... Sally Shelton, Texas Memorial Museum

NSF Workshop on Vertebrate Paleontology Collections

In early June, NSF sponsored a three day workshop intended to produce a model for computerization and data exchange among vertebrate paleontology collections. This meeting was a follow-up to a larger workshop which took place during the Society of Vertebrate Paleontologists (SVP) meetings in Austin, Texas, November 1989. The 13 attendees at the recent session met in New York at the American Museum of Natural History. Decisions of the group focused on the premise of minimum interference with local programming. Tasks undertaken by this group included development of a roster of essential, suggested and optional data fields; production of parameters for data exchange using ASCII delimited fields; and creation of a data dictionary for specimen elements. Members of the group will be producing a series of papers based on the work at this meeting. The target date for completion of this publication is the SVP meeting in October 1990.

Mammalogists Propose a GIS Workshop

The American Society of Mammalogists' (ASM) Committee on Information Retrieval submitted a proposal for a workshop on Geographic Information Systems (GIS) to the ASM Program Committee. The GIS workshop was approved for presentation at the June 1991 meetings in Manhattan, Kansas.

The ASM Committee on Information Retrieval has also discussed plans for upgrading the now-out-of-print, *Documentation Standards for Automatic Data Processing in Mammalogy*, published in 1979. Improvements to the previous treatment will include a relational database orientation. Expanded attention will focus on specimen condition and loan history records, frozen tissue collections, geographic information system utilization, and literature citations. In addition, the Committee is interested in creating a data dictionary for taxonomic and geographic fields based on those already in use by several collections.

The ASM Information Retrieval Committee also began to compile a BITNET directory for ASM members. Richard Thorington is compiling that list and would be happy to receive input from individuals who were not solicited during the June 1990 meetings in Frostburg, Maryland. Thor's (#9) BITNET address is: MNHVZ04@SIVM.

ASC Task Force on Computerization

David Lindberg has been named the Chairman of the Association of Systematic Collections (ASC) Task Force on Computerization and Networking of Natural History Collections. This is to be a multi-disciplinary group and representatives from scientific societies have been

contacted. Additionally, representatives from geographic information systems and non-systematist, natural history collection users will be added to the Task Force. The group is not expected to meet until early 1991.

... Suzanne McLaren, Carnegie Mus. Nat. Hist.

RESOURCES ON COMPUTER TOPICS

compiled by The Information Retrieval Committee
American Society of Mammalogists

Potential sources of software and hardware reviews, recent references, and current developments in the computer field: *PC Magazine*; *PC World*; *MAC World*; *PC Week*; *Turbo Teknix*; *Systems Integration*; *SPECTRA* (quarterly publication by Museum Computer Network); *Science Software* (ask about discount to ASM members); *MDA Information* (quarterly publication of Museum Documentation Assoc., England); *Computer!*; *Personal Computing*; and *BYTE*.

BITNET: Chris Condon publishes a monthly electronic newsletter on the service provided by BITNET/EARN. The electronic mail address is

CONDON%BITNET.YALE@UK.AC.RL.EARN

Owners of older **Apple IIe** must replace the motherboard to remain compatible with current software. To verify your need to replace, check embossed information near middle of board. If the letter immediately preceding copyright symbol is an "A", the motherboard should be replaced. This can be done free at a local Apple dealer.

Ashton-Tate announces excellent benefits for the education community called Ashton-Tate Campus Program. For information call: Education Sales Dept., (213) 538-7725 or 7726.

Museum Computer Network (MCN) has compiled a vendor list of 36 companies to help museum personnel locate and select vendors of museum information systems. List includes addresses, nature of services, name of 3 previous customers, size of firm, and more. Copies available to members for \$4, non-members for \$8. MCN has also compiled a consultants list of 18 individuals which includes name, address, education, previous experience, customers, and more. Copies of this list are \$2 for MCN members, \$3 for non-members. (#10)

Laboratory PC Users Group provides a monthly newsletter, access to their software library of public domain freeware and shareware. (#11)

... Suzanne McLaren, Carnegie Mus. Nat. Hist.

IN PROGRESS. . . .

Results of an oral survey conducted during the **Issues in Collection Management** session at the SPNHC Annual Meeting reveal that of the 100 participants: 28% answered YES to "Do you think it is appropriate to put a value on specimens for the purpose of tax deductions?" [abstentions not counted]. 13% YES and 27% ABSTAIN to "Do you think it is acceptable to deaccession and sell specimens on the private market to raise money for the collections?" 2% NO and 1% ABSTAIN to "How many of you refuse to loan material to a researcher who has a record of damaging previous loan material?" 54% YES and 8% ABSTAIN to "Do you think it is proper to buy scientific specimens from the private market?" 36% YES and 29% INAPPLICABLE to "Do you provide warnings of possible toxic chemical treatment histories (fumigation, etc.) when you deaccession specimens to educational collections or institutions?"

The Art Conservation Department at Queen's University in Kingston, Ontario, in conjunction with the Canadian Museum of Nature, is planning a two-week course **Preventive Conservation of Geological Collections** to take place October 6-18, 1991. The course is designed for conservators, curators and collection managers who have or share responsibility for the maintenance of petrological, mineralogical, or paleontological collections. Participants will learn how to assess and mitigate the risks to a collection from each of the agents of deterioration. Topics that will be addressed include collecting, examination and documentation, storage hardware and materials, climate control and environmental monitoring, exhibitions, packing for transportation, and the care of labels, archives and other ancillary materials. The format will include lectures, discussions, exercises and workshops. Accommodations will be available on campus. Tuition is anticipated to be \$450. Enrollment will be limited to 16 persons. For further information, please contact: Director, Art Conservation Dept., Queen's University, Kingston, Ontario K7L 3N6 Canada.

Contingent on FY 1991 funding, Institute of Museum Services announces the availability of grants for the **Conservation Assessment Program (CAP)**. National Institute for Conservation (NIC) coordinates CAP and will mail applications materials the third week of September. Deadline for applications is Dec. 7, 1990. To receive an application, request addition to the mailing list (#12).

Does anyone have **weight estimates** for geology/paleontology cabinets filled with specimens? If so, please contact Paisley Cato (#3).

Collections Care Information Service is offered by NIC and allows users to find information about collections care by dialing a toll-free number. The database has more than 1500 bibliographic entries and citations on preventive conservation and maintenance of collections. Users outside of Washington, D.C. can gain access by dialing (800) 421-1381; in the Washington, D.C. area, dial 625-1495. The service is available Mon-Fri, 10-5 ET.

Geologic Forgeries is the thesis topic for a Master of Science degree in Museum Studies for Steven McLean. He is interested in any material concerning forgeries of fossil, mineral or rock material, either a complete fabrication or a distortion in any way of real specimens. He is investigating the historical, social and scientific reasoning behind the phenomenon. If you know of any, please send photographs or photocopies and include dates and pertinent information, to him at: University of Leicester, Dept. Museum Studies, 105 Princess Road East, Leicester, LE1 7LG UK.

Museum Archives Section of Society of American Archivists is soliciting ideas for the museum archives sessions for the 1991 meeting in Philadelphia. Send ideas to Cheryl Leibold, Pennsylvania Academy of the Fine Arts, Broad and Cherry Streets, Philadelphia, PA 19102.

HEALTH AND SAFETY NOTES

A brief list of some regulations and announcements extracted from recent issues of ACTS FACTS. Through the courtesy of Monona Rossol, editor, SPNHC exchanges newsletters with ACTS. Information about subscriptions to ACTS FACTS may be obtained from Ms. Rossol. (#13)

[v.4(7):1] Boron compounds are being used to replace more toxic wood preservatives but boron compounds (e.g. zinc borate, boric acid, borax) are also toxic. Woodworkers should use proper protection, dust control and disposal measures to protect themselves and the environment.

[v.4(7):2] d-limonene (a major component of citrus rind oil) is being included in paint solvents and stripper. Although it occurs naturally in fruit, it is an EPA Registered Pesticide Ingredient. Its toxicity is somewhere between petroleum distillates and turpentine. It should be used with the same precautions as other solvents.

[v.4(3):3] Some conservation and academic laboratories have chosen not to comply with the Hazard Communication Standard (HAZCOM). Instead, they consider themselves "laboratories" which are exempt. Chemical laboratories have lobbied for and obtained their own special rule: "Occupational Exposures to Hazardous Chemicals in Laboratories," published January 31, 1990. Under the rule, employers must develop and implement a chemical hygiene plan (CHP). A major difference between this rule and HAZCOM is that the rule gives employers some latitude in choosing the methods used to protect employees. Because routine protective measures are sufficient for procedures done in most academic and conservation laboratories, Ms. Rossol counsels them to adopt a HAZCOM plan.

Some other items of interest:

Report of the Health and Safety Committee, American Institute of Conservators (AIC) Newsletter 15(2):5-6. Monona Rossol writes on the OSHA Right-to-Know laws.

Code of Federal Regulation 29 Part 1910(1910.1000 to end). 1989. U.S. Government Printing Office, 450 p. Full text of the Hazard Communicaton (or Worker Right-to-Know) Regulation plus PEL (permissible exposure levels) for air-contaminants, respirator fit testing procedures, and many other useful things. Free upon request from your regional OSHA Office. Call (202) 523-9667 for the number of your regional office.

Two recent OSHA citations:

University of California at Hayward cited for violations in Arts Education Building.

Cincinnati Zoo cited for safety violations, including failure to comply with Hazards Communication Act.

SUPPLIES AND MATERIALS

National Museum of Denmark offers a 15 minute videotape in English describing a new data and image system for collections management. Part 1 describes the system which links text data with a photographic image of the object and prepares the image for videodisc storage. Part 2 demonstrates its use for registering and packing of 85,000 objects in the Ethnography Department. (£32:\$55) (#14)

Abbey pH Pen, a felt-tip pen, with chlorophenol red to test the alkalinity of paper. Paper turns purple above pH 6.7, which means it is either alkaline or very close to neutral, and yellow below 6, which means it is acidic. Pens are \$2.95 each + postage (discount for quantities). (#15)

University Products 1990/91 catalogue is available and includes storage and conservation supplies for natural history collections. (#16)

NEW PUBLICATIONS

The Artist's Complete Health and Safety Guide by Monona Rossol has just been published. It is available from Allworth Press (#17) \$16.95 plus \$2.50 for shipping.

Alabama Indian Messenger, a quarterly magazine, will act as an information clearinghouse about Native Americans for educators. First issue is due August 1990. Contact Dr. Joy Baklanoff (#18) for information.

Neues Museum, a quarterly magazine in German, from Austria covers various aspects of museum work (education, conservation, architecture, etc.), recent developments in the museum field, reports on important exhibitions, conferences, awards, and book reviews. Edited by Wilfried Seipel, No. 1 was published August 1989. (#19)

Journal of Biological Curation, a new journal published by the Biological Curators Group, UK. (See Publications of Interest for articles in vol. 1(1). (#20)

PUBLICATIONS OF INTEREST

Keyguide to Information Sources in Museum Studies. 1989. Woodhead, P. and G. Stansfield, 194 p., London, Mansell (#21). (\$55 + shipping) Overview of museums and literature about them, annotated bibliography, international directory of relevant organizations.

Centres for the Conservation and Restoration of Movable Cultural Property in Latin American and the Caribbean. 102 p., ICCROM/UNESCO (#22,#23). Describes training centers and programs for personnel.

AIC archives effort targets conservation treatment records. Schrock, N., 1990. *Museum Archivist* 4(2):9-10. Report of AIC Task Force concludes that treatment records of private conservators should be placed in archives, discusses feasibility and placement.

Curation Newsletter. (American Society of Ichthyologists and Herpetologists), n.10. Articles concerning wet labels, inks for wet labels, laser printer produced labels for wet and dry, bottle caps and liners for fluid collections.

Physical methods of pest control. Stansfield, G., 1989. *Journal of Biological Curation* 1(1):1-4.

Pest control: Making the best of a bad job. Garland, S., 1990. *Biology Curators Group Newsletter* 5(4):39-41. Describes improvements in pest control at Bolton Museum and Art Gallery.

A removable conductive coating for scanning electron microscopy. Mills, A.A., 1989. *Studies in Conservation* 34(2):75-79. Silver can be removed with neutral aqueous agent, safe for most water-resistant objects.

Conservation of Natural History Specimens: Spirits Collection. Horie, C.V., 1989. *Institute of Archaeology* (#24). (£12.50)

For Instruction and Recreation: A centenary history of the Museums Association. Lewis, G., 1989. 98 p., Quiller Press, London (#25). (£11.95)

Exploring Museums. A new series of guides to UK museums (£10 each) HMSO: *London*, Olding, S.; *Southwest England*, Wilson, A.; *Northwest England*, Phillips, D.; *Northeast England*, Fleming, D. (#25)

Directory of Museum in Africa. ICOM, 1989. 208 p. (#26). (£37)

Museums and Galleries. A Practical Legal Handbook. Simpson, S., 1989. 147 p., Redfern, NSW: Redfern Legal Centre. Written for Australian museums, covers all aspects of legal issues affecting museums.

The Cost of Collecting. Collection Management in UK Museums. Lord, B., G.D. Lord and J. Nicks, 1989. 157 p. HMSO (#25). (£12.50)

Guernsey Museum and Art Gallery: Natural history collections. Howell, A., 1989. *Journal of Biological Curation* 1(1):5-20.

Oldham Museum: The natural history collections. Hayhow, S.J., 1989. *Journal of Biological Curation* 1(1):53-70.

The problems and promise of museum goals. Beer, V., 1990. *Curator* 33(1):5-18. How to set goals—a case history, Japanese American National Museum.

Beetling down to the jungle: A drama for the rainforest. Davis, P., 1989. *Journal of Biological Curation* 1(1):21-26. Use of theatre.

Visible storage for the small museum. Thistle, P.C., 1990. *Curator* 33(1):49-62. A survey and report on the pros and cons, The Sam Waller Little Northern Museum, Manitoba, Canada.

Labels. Miller, S., 1990. *Curator* 33(2):85-89. Challenges and rewards of writing effective labels.

The illusionary art of background painting in habitat dioramas. Wonders, K., 1990. *Curator* 33(2):90-118. Overview of the artists and their work in North America.

Addressing public concerns at a science center. Hensley, J., 1990. *Curator* 33(2):119-124. How St. Louis Science Center keeps in touch with its audience.

Hands-on or Hands-off? The management of collections and museum education. Van Balgooy, M.A., 1990. *Curator* 33(2):125-129. Creating a workable plan for making museum objects accessible.

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PUBLICATIONS OF INTEREST (continued)

- On Biomineralization.** Lowenstam, H.A. and S. Weiner, 1989. 324 p., Oxford Univ. Press (#29). (\$57)
- The new zoology storage at Manchester Museum: An opportunity for a new curatorial strategy.** Pettitt, C., 1989. *Journal of Biological Curation* 1(1):27-40.
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- El uso de microcomputadoras en el manejo de colecciones mastozoológicas.** Ramírez-Pulido, J., D.F. Ran, C. Müdspacher, and R. Lopez Wilchis, 1989. *Anales Inst. Biol. Univ. Nac. Autónoma. Mexico, Ser. Zool.* 60(1):129-149. Microcomputers in the management of mammal collections.
- Manejo y mantenimiento de colecciones mastozoológicas.** Ramírez-Pulido, J., I. Lira, S. Gaona, C. Müdspacher, and A. Castro, 1989. *Universidad Autónoma Metropolitana, Mexico, D.F.*, 127 p. Management and maintenance of mammal collections.
- Radiocarbon Dating: Interpreting the past.** Bowman, S., 1990. 64 p., Univ. California Press (#30). (\$8.95) Applications to archaeology, review of principles, measurement techniques and calibration of results.
- Amino-acid racemization in mammalian bones and teeth from La Châies-de-Vouthon (Charente, France).** Blackwell, B., N.W. Rutter and A. Debenath, 1990. *Geoarchaeology* 5(2):121-147. Attempts to obtain reliable relative and absolute dates (100-200 KY range) were unsuccessful; geological and/or archaeological events interfered.
- Public archaeology and the Saskatchewan Museum of Natural History.** Conaty, G.T., 1990. *Curator* 33(1):19-30. Describes summer project restoring a site.
- The relative linearity of ethnographic collections.** Beelitz, P.F., 1990. *Curator* 33(1):40-48. How to store objects with attention to their relationships while maximizing storage space.
- Curatorial or "native" categories: Their use in visible storage.** Washburn, D.K., 1990. *Curator* 33(1):63-71. An alternative approach to arranging dolls, classified by user categories.
- Altered states: Documenting changes in anthropology museum objects.** Webster, L., 1990. *Curator* 33(2):130-160. How research investigators can unravel problems caused by well-intentioned, if often damaging, conservation treatments.
- The Chemistry of Prehistoric Human Bone.** Price, T.D. (ed.), 1989. 291 p., Cambridge Univ. Press (#31). (\$49.50)
- Vertebrate Carcasses and Their Paleobiological Implications.** Weigelt, J. (J. Schaefer, trans.), 1989. 188 p., Univ. Chicago Press (#32). (\$19.95 paper; \$60 cloth)
- Fishes, Cambridge Manuals in Archaeology.** Wheeler, A. and A.K.G. Jones, 1989, 210 p., Cambridge Univ. Press (#31). (\$59.50)
- Museum Studies in Material Culture.** Pearce, S.M. (ed.), 1989. 174 p., Leicester Univ. Press (#25). (£29.50) 14 papers examine problems of interpretation of archaeology, social history, applied art and anthropology collections.
- The conservation of bog bodies by freeze-drying.** Omar, S., M. McCord and V. Daniels, 1989. *Studies in Conservation* 34(3):101-109. Polyethylene glycol 400 used for impregnating bodies; description of techniques.
- History of Vertebrate Paleontology in the Rocky Mountain Region.** *Earth Science History* 9(1), 1990. Entire issue (11 articles) on the people, places and specimens.
- A concise history of early geological museums in China.** Wang, G., 1989. *China Hist. Mat. of Sci. and Tech.* 10(2):67-72.
- Catalog of Type, Figured and Referred Mazon Creek fossils in private collections.** Carman, M.R., 1990. *Fieldiana: Geology*, n.s. 19:1-29. Unique and valuable catalogue.
- Catalogue of type, figured and referred fossils in the Geological Museum of Trinity College, Dublin: Supplement (Animalia).** Nudds, J.R., 1988. *Irish Journal of Earth Sciences* 9(2):177-196. **Supplement (Plantae).** Nudds, J.R., 1989, *ibid* 10(1):43-54. Previous catalogues (1981-1988) updated.
- Fosiles Tipo Mexicanos.** Carreno, A.L., et al., 1989. 531 p., Univ. Nac. Auton. Mexico Inst. Geol. Citations and photographs of primary type specimens (all phyla) originally collected in Mexico and housed in collections worldwide.
- GIS software 1989: A survey and commentary.** Parker, H.D., 1989. *Photogrammetric Engineering and Remote Sensing* 55(11):1588-1591.
- Ensuring the quality of geographic information system data: A practical application of quality control.** Campbell, W.G. and D.C. Mortenson, 1989. *Photogrammetric Engineering and Remote Sensing* 55(11):1612-1618.
- Product comparison: Analysing relational databases.** Petreley, N, Z. Banapour and L. Slovick, 1990. *InfoWorld* 12(2):51-68.

INTERNATIONAL SYMPOSIUM ON THE
PRESERVATION AND CONSERVATION OF
NATURAL HISTORY COLLECTIONS
MADRID, MAY 10-15, 1992

SPNHC 6TH ANNUAL MEETING
OTTAWA, MAY 6-11, 1991

WORKSHOPS, TRAINING AND CONFERENCES

Compiled by the Education and Training Committee

SEPTEMBER

- ?????. Research and evaluation in museums (education programming); A Problem oriented workshop which will meet one day in September, one day in October, and one day in November - the interim to be spent on the problem within the host institution; Organized by NEMA (New England Museums Association); tel: (617) 720-1573
- ?????. Leather Group; Dresden; Mr. Stambolov, Central Laboratorium, Gabriel Metsustraat 8 NL 1071 EA, Amsterdam
- 3-7. Staff development and Training: Meeting the needs of museum documentation; Cambridge, UK; MDA (#25)
- 4-8. Book and Paper Conservation Conference; Beatrix Kastaly, The National Archives of Hungary, 1250 Budapest 1, Pf. 3., tel: 361 556 575
- 5-8. American Association for State and Local History Annual Meeting; Washington, DC; AASLH, 172 2nd Ave. N, Suite 202, Nashville, TN 38201, tel: (615) 255-2971
- 5-9. Conservation for the 21st Century; Heritage Montreal, 406 Notre Dame East, Montreal, Quebec, Canada H2Y 1C8, tel: (514) 842-8678
- 10-14. Geotechnology 1990 (A Symposium and Trade Exhibition on Geological Techniques, Conservation and Materials); Ian Chaplin, Department of Earth Sciences, The Open University, Walton Hall, Milton Keynes, Bucks, England MK7 6AA, tel: (0908) 655156 or 655157
- 12-15. Midwest Museums Conference; Indianapolis, IN; Linda Huddleston, Indianapolis Museum of Art, 1200 West 38th St., Indianapolis, IN 46208, tel: (317) 923-1331
- 15-22. ICOM Committee for Education and Cultural Action (CECA) Annual Conference ("Museum Education and Environment, Cultural and Natural"); Gaborone, Botswana; Hans Schopping, Centraal Museum, Postbus 2106, 3500 GC Utrecht, The Netherlands, tel: 030 315541
- 16-21. Acidic Deposition; The General Secretary of the Royal Society of Edinburgh, 22-24 George Street, Edinburgh, UK EH2 2PQ
- 17-20. 38th Symposium of Vertebrate Palaeontology and Comparative Anatomy; Dave Martill, Department of Earth Sciences, The Open University, Walton Hall, Milton Keynes, Bucks, England MK7 6AA
- 17-21. Repair of tears and losses in paper with an emphasis on pulping; Campbell Center for Historic Preservation Studies, Illinois; Mary Lee Wood, tel: (815) 244-1173
- 17-21. Microscopic methods for the identification of plant fibers of ethnobotanical interest; Campbell Center for Historic Preservation Studies, Illinois; Mary Lee Wood, tel: (815) 244-1173
- 20-23. Getting people involved in museums, annual study weekend; Hull, UK; Mark O'Neill, Springburn Museum, Atlas Square, Ayr Street, Glasgow G21 4BW
- 23-27. American Association of Zoological Parks and Arboreta, Annual Meeting; Indianapolis, IN; Linda Boyd, tel: (304) 242-2160
- 25-26. Building a positive work environment, British Columbia Museum Association, Annual Pre-conference Training; Courtenay-Comox, BC; Jacquie Gijssen, tel: (604) 387-3315
- 27-29. Society for the History of Natural History: Gideon Mantell Bicentenary Meeting; Sussex University, Brighton; John Cooper, Booth Museum of Natural History, 194 Dyke Road, Brighton, England BN1 5AA, tel: 0273 552586
- 30-6 Oct. Museum Documentation Forum and 1990 Annual Meeting of CIDOC (ICOM Documentation Committee); Athens and Nafplion, Greece; Andrew Roberts, MDA, 347 Cherry Hinton Road, Cambridge CB1 4DH UK, tel: +44 223 242 848, FAX: +44 223 213 575

OCTOBER

- ?????. Research and evaluation in museums, NEMA; SEE SEPTEMBER; tel: (617) 720-1573
- Oct-Dec? Curatorial Methods; National Park Service ten day course; Harper's Ferry, West Virginia; Course Coordinator, NPS,

- Stephen T. Mather Employee Development Center, PO Box 77, Harper's Ferry, WV, 25425-0077, tel: (304) 535-6215
- 1 Oct-30 Nov. Conservation of Library Materials; Venice, Italy; Maria Teresa Rubin de Cervin, UNESCO Liaison Office for the Safeguarding of Venice, San Marco 63, 30124 Venice, Italy, tel: 041-520 9988
- 7-12. ICOM Committee for Museums of Archaeology and History (ICMAH); Aarhus/Svendborg, Denmark; Annette Damm, Moesgaard Museum, DK-8270 Højbjerg, Denmark
- 8-14. Fall Festival, Alabama State Museum of Natural History at Mound State Monument; Tuscaloosa; tel: (205) 371-2266
- 10-11. Geological Curator's Group Seminar and Fieldtrip - Collecting and identifying Pleistocene material; Cromer, England; GCG, Martin Warren, Cromer Museum, East Cottages, Tucker St., Cromer, Norfolk, UK
- 10-13. Museum Computer Network Conference; Richmond; (#10)
- 11-12. Considering conservation in the design of museums, organized by NEMA and the Northeast Document Conservation Center; Salem, MA; tel: (617) 720-1573
- 13-16. ASTC annual meeting; Orlando, FL; Bonnie Van Dorn, tel: (202) 371-7171
- 14-19. Conservation of earthen architecture; Michael Taylor, New Mexico State Monuments, PO Box 2087, Santa Fe, New Mexico 87504
- 14-26. ICOM Committee for Ethnography Museums (ICME) annual meeting ("The cultural dimensions of development: folk arts and crafts in Africa"); Harare, Zimbabwe; Peter Bettenhausen, Ethnological Department, MUSEON, PO Box 72, 2501 CB The Hague, The Netherlands
- 15-21. ICOM-CC Working Groups on Graphic Documents and Textiles ("Restoration of museum graphic objects of art and textiles"); Vilnius, USSR; Mrs. Galina Skitovich, USSR-ICOM Committee, Syvtsey-Vrajek 30, 121002 Moscow, USSR
16. The Use, Curation and Growth of Insect Collections in Provincial Museums; Sheffield, UK; Biological Curators Group and Royal Entomological Society joint meeting; Derek Whiteley, BCG, Sheffield City Museum, Weston Park, Sheffield S10 2TP UK
17. Museum Planning; London; Museum Enterprises, 34 Bloomsbury Way, London, WC1A 2SF
22. Managing Conservation; London; Suzanne Keene, Head of Conservation, Conservation Department, Museum of London, London Wall, London EC2Y 5HN
23. National Association of Museum Exhibitors (NAME) - "Label making for exhibits"; Mystic, CT, THIS WORKSHOP WILL TRAVEL; Stuart Parnes, tel: (203) 572-0711
- 24-27. Western Museums Conference annual meeting; San Jose, CA; Kate Sibley, tel: (213) 857-6307
- 25-26. Museum Education Symposium, Ohio Museums Association; Columbus, Ohio; OMA Director, 1985 Velma Ave., Columbus, OH 43211, tel: (614) 297-2300
- 27-28. Enzyme Treatments: The science and the applications in conserving artistic/historic works; Cambridge, MA; sponsored by Technology and Conservation and MIT Museum (\$250 before Sept. 10; \$290 after); Robert Hauser, New Bedford Whaling Museum, tel: (508) 997-0046 or Technology & Conservation, tel: (617) 227-8581
27. Museums then and now - symposium on the changing role of museums for the past 40 years; New London, CT; Lyman Allyn Museum, tel: (203) 443-2545
- 27 Oct-3 Nov. Joint meeting, ICOM Committee for Regional Museums (ICR) and International Movement for a New Museology ("The function of local museums in society"); Lisbon, Portugal; Bridget Yates, Secretary ICOM/ICR, Norfolk Rural Life Museum, Beech House, Gressenhall, Dereham, Norfolk, UK NR20 4 DR
- 29-1 Nov. Geological Society of America, Annual Meeting; Dallas, TX; GSA, 3300 Penrose Place, Boulder, CO 80301, tel: (303) 447-8851
- LATE Oct. Artifact mounting workshop (TENTATIVE), presented by CCI; BC; Jacquie Gijssen, tel: (604) 387-3315

WORKSHOPS, TRAINING AND CONFERENCES (continued)

NOVEMBER

?????. Research and evaluation in museums; NEMA; SEE SEPTEMBER; tel: (617) 720-1573

5-16. Conservation of excavated sites: new approaches and techniques; Getty Conservation Institute; Pathos, Cyprus; Nicholas Stanley Price, tel: (213) 822-2299

7. Textile pests: biology, prevention, control #C106; Conservation Analytical Laboratory, Smithsonian, Maryland; Mary Ballard, tel: (301) 238-3792

7-9. Graphic design for the museum and gallery; Victoria, BC; Jacquie Gijssen, tel: (604) 387-3315

13-16. Display materials workshop #C107; Conservation Analytical Laboratory, Smithsonian, Maryland; Mary Ballard, tel: (301) 238-3792

14-18. American Anthropological Association, Annual Meeting; New Orleans; AAA, 1703 New Hampshire Ave. NW, Washington, D.C. 20009; tel: (202) 232-8800

22-23. Developing museum programs: being a jack of all trades and a master of many audiences; Vancouver Museum, Vancouver, BC; Jacquie Gijssen, tel: (604) 387-3315

DECEMBER

19-20. SIEM, The International Show of Museographic Techniques (all areas of scientific museography, conservation, research, display; vendors); Dijon, France; Office de Cooperation et d'Information Museographiques, 64 rue Vannerie, 21000 Dijon, France, tel: 33 80 67 85 39; FAX: 33 80 31 89 37 1991

1991

FEBRUARY

4-8. Workshop in Curatorial Management - "Museum security and fire protection" (TENTATIVE); National Park Service; San Francisco; Anthony Knapp, tel: (202) 343-8141

MARCH

17-19. Project Success through Problem Solving: A workshop for mid-career professionals with responsibility for museum collections; Los Angeles; \$295, applications by Jan. 18, 1991; AAM, 1225 Eye St. NW, Suite 200, Washington, D.C. 20005

20-25. International Conference on Museums and Environmental Issues; Beidiahe, P.R.China; Director, Natural History Museum of LA County, 900 Exposition Blvd., Los Angeles, CA 90007, tel: (213) 744-3302

APRIL

13-17. American Association of Geographers, Annual Meeting; Miami, FL; AAG, 1710 16th Street NW, Washington, D.C. 20009, tel:(202) 234-1450

23-28. Society for American Archaeology, Annual Meeting; New Orleans; SAA, 1511 K Street NW, Suite 716, Washington, D.C., tel: (202) 223-9774

MAY

6-11. SPNHC Annual Meeting; Ottawa; SPNHC, Gerald Fitzgerald, Canadian Museum of Nature, P.O. Box 3443, Sta. D, Ottawa, Canada K1P 6P4

19-23. American Association of Museums; Denver; AAM, 1225 Eye St. NW, Suite 200, Washington, D.C. 20005, tel: (202) 289-1818

SEPTEMBER

???? INHIGEO International Symposium: Museums and Collections in the History of Mineralogy, Geology and Palaeontology; Dresden; Sekretariat der GGW, INHIGEO 1991, Invalidenstrasse 43, DDR-1040 Berlin, Germany

OCTOBER

6-18. Preventive Conservation for Geological Collections; Kingston; Art Conservation Dept., Queen's University, Kingston, K7L 3N6 Canada

1992

MAY

10-15. International Symposium on the Preservation and Conservation of Natural History Collections; Madrid; Julio Gisbert, Museo Nacional de Ciencias Naturales, J.Gutierrez Abascal 2, 28006 Madrid, Spain; or Cesar Romero-Sierra (#5)

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11. Laboratory PC Users Group, 5988 Vista Loop, San Jose, CA 95124
12. National Institute for Conservation (NIC), 3299 K St. NW, Suite 403, Washington, D.C. 20007; (202) 625-1495
13. Monona Rossol, ACTS, 181 Thompson St. #23, N. Y., NY 10012
14. National Museum of Denmark, Dept. Documentation, 11Ny Vestergade, DK-1471 Copenhagen K, Denmark
15. Abbey Publications, Inc., 320 E. Center St., Provo, Utah 84606

16. University Products, P.O. Box 101-PR, Holyoke, MA 01041
17. Allworth Press, 10 East 23rd Street, New York, NY 10010
18. Dr. Joy Baklanoff, Alabama Indian Resource Center, #1 Mound State Monument, Moundville, AL 35474
19. Oberoesterreichisches Landesmuseum Linz, Museumstr. 17, A-4020 Linz, Austria
20. Biology Curators Group, Dr. J.H. Mathias, Leicestershire Museum, 96 New Walk, Leicester, England LE1 6TD
21. Mansell Publishing, Sales Dept., Artillery House, Artillery Row, London SW1P 1RT, UK or Mansell Publishing, 125 East 23rd St. Suite 300, New York, NY 10010
22. ICCROM, Via de San Michele 13, 00153 Rome, Italy
23. UNDP, UNESCO Cultural Heritage Project, PO Box 4480, Lima, Peru
24. Institute of Archaeology, 31-34 Gordon Square, London WC1H 0PY, UK
25. Museum Documentation Association, Building O, 347 Cherry Hinton Road, Cambridge CB1 4DH, UK (MDA Book Service, postage and currency exchange fee)
26. ICOM, Maison de l'Unesco, 1 rue Miollis, 75732 Paris Cedex 15, France
27. American Chemical Society, Dept. 225, 1155 16th St. NW, Washington, D.C. 20036
28. Univ. Arizona Press, 1230 N. Park Ave., Tucson, AZ 85719
29. Oxford University Press, 200 Madison Ave., N.Y., NY 10016
30. Univ. California Press, 2120 Berkeley Way, Berkeley, CA 94720
31. Cambridge University Press, 32 E. 57th St., N.Y., NY 10022
32. University of Chicago Press, 5801 Ellis Ave., Chicago, IL 60637

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FIRST CLASS MAIL

SOCIETY FOR THE PRESERVATION

SPNHIC

OF NATURAL HISTORY COLLECTIONS

6th ANNUAL MEETING

6-11 MAY 1991

First circular - call for papers



Canadian
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**FOR FURTHER INFORMATION CONTACT: G.R. FITZGERALD,
CANADIAN MUSEUM OF NATURE, P.O. BOX 3443, STATION "D",
OTTAWA, CANADA K1P 6P4**

PLEASE POST OR CIRCULATE

S P N H C 1991 Annual Meeting

First Circular

July 1990

Welcome to Ottawa and the Canadian Museum of Nature

The Canadian Museum of Nature is pleased to invite members of the Society for the Preservation of Natural History Collections and all others interested in collections management and preservation to attend the sixth annual SPNHC meeting from May 6-11, 1991 in Ottawa. The six days of programming are filled with committee meetings, technical sessions, workshops and day trips, as well as evening events such as an ice breaker, a beer and pretzels night and a dinner/dance reception banquet.

The Canadian Museum of Nature presents a fascinating permanent collection that explores all the natural elements of our world including geology, zoology, paleontology, botany and our changing environment.

The National Capital Region boasts a number of prime tourist attractions from the seat of government to museums and galleries. The area is rich in nature trails and many fine riverside parks. In early May the famous tulip season is just coming into flower and promises to be an ideal backdrop for the 1991 SPNHC meeting.

Registration

We anticipate registration fees to be approximately \$60 Canadian for the conference and \$20 Canadian for the training workshop. Some tours and the banquet will be available at additional cost.

Lodging

Blocks of rooms have been reserved at the Venture Inn and the University of Ottawa. The Venture Inn is a five minute walk from the Museum. Room rates are \$69 single or double. The University of Ottawa residence is about a twenty minute walk from the Museum. Rates for residence rooms are about \$30 single, \$40 double; a student rate of about \$14 single and \$28 double is available with student identification.

The Program

The technical program for the meeting will include contributed papers in oral and poster sessions, tours, and workshops. Topics for workshops include "Making Display and Storage Mounts for Natural History Specimens" (limited enrolment), "Computer Applications", and "Documentation Policies and Procedures." Those wishing to contribute a poster or paper should contact Robert Waller.

The Canadian Conservation Institute will be presenting "Practical Approaches to Preventive Conservation," a two day workshop formally organized around the agents of deterioration and their control, on May 10-11. The session topics include methods of avoiding or reducing the damaging effects of human and environmental factors. Approaches are related to three levels of implementation: the museum building, hardware features and museum practice. The workshop will give participants the formal framework and specific knowledge with which to guide decisions about display and storage of natural history materials.

Tentative Schedule

Monday, May 6 Meetings of Council and Committee representatives
Registration
Day trip to Shaw Woodlot
Workshop: Making Display and Storage Mounts for Natural History Specimens
Tours of CMN collections, Biosystematics Research Centre, and Canadian Conservation Institute
Evening ice breaker

Tuesday, May 7 Registration
Technical sessions
Poster set up
Reception hosted by Madrid 1992 Committee

Wednesday, May 8 Technical sessions
Poster displays
Annual General Meeting
Evening dinner and dance

Thursday, May 9 am - Technical sessions
pm - Computer Workshop
Documentation Policies and Procedures Workshop
Making Display and Storage Mounts - practical session
Free time to see the city

Friday, May 10 CCI Training Workshop: Practical Approaches to Preventive Conservation for Natural History Collections - Day 1
Evening Beer and Pretzels

Saturday, May 11 CCI Training Workshop - Day 2

For further information contact:
(SPNHC members will receive second circular)

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Organizing Committee Chair

Robert Waller
Program Committee Chair

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