

NEWSLETTER

FALL 1998

The Environmental Monitoring Kit Project

The goal of the Environmental Monitoring Kit Project is to strengthen the ability of museums in Texas to take proper care of their collections.

The work of preservation rests on the professional knowledge of museum staff and volunteers responsible for the care of a vast array of collections held by institutions throughout Texas. Collections objects are threatened by factors inherent in their physical structure, and by the way in which they are stored or exhibited. Major factors contributing to the longevity of an object's life include careful handling, protection from pollution, appropriate temperature, and relative humidity levels, and reducing levels of visible and ultraviolet light. One of the first steps to preserving museum collections is to monitor the environmental conditions that may lead to damage and deterioration of objects. Monitoring is part of an overall risk management program.

Six complete kits have been created, one for each of the regional museum groups in the Texas Association of Museums. Equipment in each kit allows for the measurements of visible and UV light, and temperature and relative humidity over time. (Kit inventory can be found on page 3.) This project provides support for museum staff in three ways:

- (1) it educates staff, volunteers and trustees about collections care and the importance of proper environmental conditions.
- (2) it provides quality equipment at a low cost to help evaluate conservation needs, and
- (3) it demystifies and familiarizes museum staff with equipment which they might later have the opportunity to purchase.

A kit keeper has volunteered to serve as the registered liaison for this project, to maintain and distribute the kit in each region. Kits may be ordered and distributed by the regional Kit Keepers.

The project was conceived of by the members of the Texas Association of Museums and the Collection Managers Committee. The project is supported in part by the Institute of Museum and Library Services, The Meadows Foundation and the Collection Managers Committee.

Kits will be available after October 15, 1998. To arrange for a kit, contact your Kit Keeper (see page 3). They will send out a loan agreement, schedule and arrange for shipping. Round-trip shipping costs will be paid by the borrower. Questions? Call Sandy Sage, Program Associate, Texas Association of Museums at 512.328.6812 (tel.) or 1.888.842.7491 (toll free tel.), or tam@io.com (e-mail).

State Accreditation Program

By Dr. Eileen Johnson, Valerie Butler, and Susan Baxevanis

The Texas Historical Commission has adopted the concept of state accreditation of repositories and museums as a prerequisite for institutions wanting to hold State of Texas permit-related collections (see Section 41.27 (c)(2) of the Antiquities Code). Texas museums can avail themselves of the American Association of Museums acceditation program. But repositories (defined as a permanent, not-for-profit education or research-oriented agency or institution that provides in-perpetuity legal housing and curation of records and material collections; e.g., Texas Archeological Research Lab, Texas Parks and Wildlife Department) are not eligible for this national program. Therefore, a state accreditation program has been developed to include repositories in the process and treat both types of curatorial facilities equally. Implementation of this ruling begins in the year 2000. The Council of Texas Archeologists adopted Curation Guidelines in 1984 and established the Acceditation and Review Council (ARC) to implement the concepts put forward in the Curation Guidelines. Instituted in 1991, ARC has developed a Texas-based accreditation program modeled on the national program. To be eligible to hold state held-in-trust collections, museums and repositories in Texas are being required by the Texas Historical Commission (the permitting agency) to be accredited by ARC and thereby demonstrating that they meet accredible standards of collections care and museum management.

The Accreditation and Review Council program is aimed at ensuring that museums and repositories are accountable for and demonstrate responsible care for archeological collections generated from public lands, coastal waters, and projects in Texas. Whether in a museum or a repository, these collections are held-in-trust for the people and State of Texas; institutions have both legal and ethical obligations in providing the best care possible within their institutional resources. Even though great strides have been made, anthropological collections in general, and archeological collections in particular, still are in a crisis situation throughout this country in terms of their long-term care and management. Although several federal agencies now have curation standards for federally-associated collections, few states have such standards for state-associated collections. Those states now with standards have adopted the standards from one of the federal agencies. Texas is the only state to have adopted guidelines developed specifically for state-associated collections and the only state to have a system of accreditation that insures those guidelines and sound museum practices are followed.

An archeological repository/museum desiring accreditation initiates the process with an application form provided by ARC. A non-refundable processing fee accompanies the application form and is sent to the ARC Secretary-Treasurer. The applicant then receives a self-evaluation form to be completed and returned within six months from receipt. The areas of concern being addressed by ARC include: governance; finance; policies and procedures; physical facilities; staff; research access; records; and collections care. The ARC assesses the selfevaluation and notifies the applicant of approval or rejection of the application. Approval signifies that the applicant repository/museum appears on paper to meet the minimum standards for accreditation. Rejection is due to failure to meet on paper the standards of accreditation or fulfill some part of the basic definition and role of a repository or museum. The applicant may institute an appeal if it feels that the application was rejected improperly. If the application has been approved, the next phase is the field review. The field review is a physical, on-site review of the applying institution by a team of two field reviewers. The field reviewers are supplied with the self-evaluation and comments from the ARC assessment. They are to follow up on any questions or problems the council may have noted from the self-evaluation. The expenses of the field reviewers are paid by the applicant institution. The review team completes the physical evaluation and submits a written narrative and recommendation to ARC. The ARC then reviews all material and suggestions from the field reviewers and comes to a decision on accreditation.

The Acceditation and Review Council is looking for qualified people to perform field reviews. The next training session for field reviewers is scheduled for October 22nd to 23rd in Waco. Anyone interested in becoming a field reviewer or wanting more information about the process of acccreditation should contact the ARC Chair, Dr. Eileen Johnson at the Museum of Texas Tech University, Box 43191, Lubbock, Texas 79409-3191; or e-mail at mxegj@ttacsttu.edu.

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Equipment included in each kit:

- (1) Visible light meter, paddle type
- (1) Light Damage slide rule
- (1) HOBO Data logger, Onset Corp.
- (1) Datalogger software, Onset Corp.
- (1) Digital Thermo-hygrometer, Radio Shack
- (2) Thermo-hygrometers, ARTEN
- (1) Re-calibration kit, ARTEN
- (1) Fan Operated Psychrometer
- (1) Remote temperature probe
- (2) Items for the Users to keep: Humidity indicator card Blue wool fade cards

Supporting printed materials:

Instruction Manual for the TAM Traveling
Environmental Monitoring Kit
The Museum Environment by Garry Thomson
Caring for Your Collections, the National
Committee to Save America's
Collections
Salvage Wheel

(1) UV Light meter is available, by separate request from the TAM Office.

If you have any questions about the instruments, instructions, or supplies and services lists that accompany the EMK, please contact the Texas Association of Museums at 1.888.842.7491, or one of the Kit Keepers listed.

REVIEW OF "DO I STILL NEED NAILPOLISH" WORKSHOP

by Sally Baulch-Rhoden

A capacity crowd attended the workshop, "Do I Still Need Nailpolish: Numbering Objects in the New Millennium" held at the Dr Pepper Museum in Waco. High and low tech techniques were featured throughout the combination hands-on and lecture style workshop. Workshop leader, Gayle S. Clements, conservator with the Gilcrease Museum of Tulsa Oklahoma, has worked for years documenting styles of numbering objects. Clements is currently working on a book entitled, "The Numbering of Objects for Museums, Historical Houses and Private Collections".

Gayle spoke on the need to standardize the marking of museum objects and gave participants a conservator's view on materials needed to safely put museum numbers on artifacts.

Also at the workshop was a representative of the BioMedic Data Systems who tantalized the audience with a presentation of the future of numbering objects using radio frequency transponder technology. BioMedic Data Systems (BDS) is working with the Museum of Natural History, Smithsonian, to label specimens with small radio devices. When a wand is waved over the object (similar to Superman's failing, it can't read through metal) the accession number, catalog data and record of access reads on a computer screen. I slipped into a reverie of being able to walk into any storage space or exhibit hall without cursing that I had forgotten to bring that one last catalog card...then the \$7000 price tag woke me up. But the presentation was fascinating and I can dream.

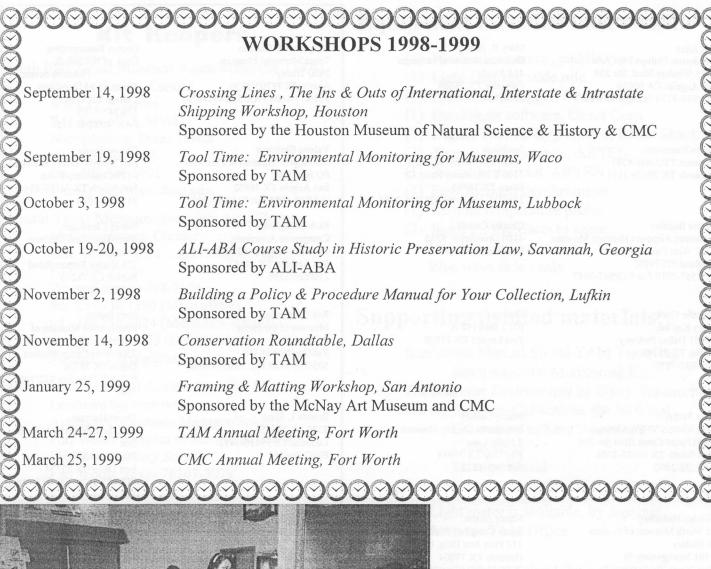
The radio transponder on the object is a non-powered silicon chip (no battery to leak) encased in either glass or a plastic (yet to be determined). The lifespan of the plastic casing is estimated at 200 years (probably about the same as the object itself).

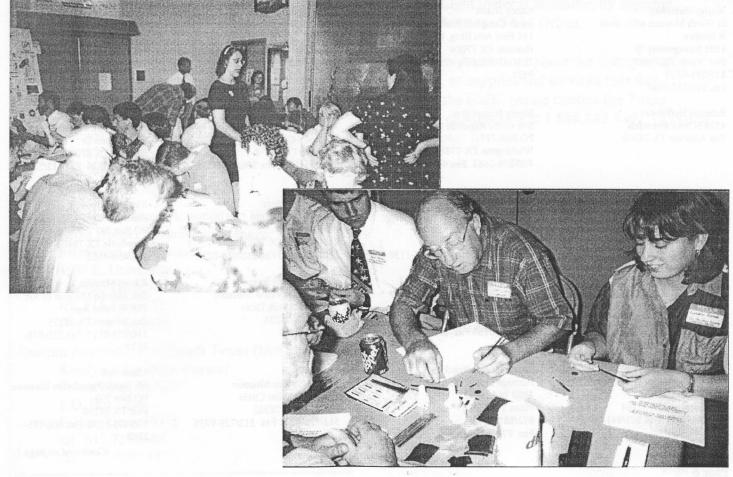
The hands-on section involved testing a variety of objects with base coats, paints, inks and leads, tags and label, ties. When this workshop is repeated, this section will be modified so that each participant has a bag with test strips.

Gayle Clements encouraged the participants to document materials tested:

- 1. Draw a diagram if at all possible.
- List diagram in the order of the following:
 Protective Coat Top Layer
 Numbering Media Markers, Pens, etc.
 (sandwiched in the middle of the varnishes)
 Base Coat Bottom Layer
- 3. Have a standard form designed for that purpose.
- 4. Attach copies from catalogs showing materials used so future generations will know what works well.
- 5. Write the information in pencil so no offgassing.
- 6. Date and sign your name or initials on the form.







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CMC NEWS

630 S. Oakes St. San Angelo, TX 76903-7013

CMC NEWSLETTER c/o Fort Concho National Historic Landmark

Houston Airport, Houston International, Interstate & Intrastate Shipping Crossing the Lines: The Ins and Outs of

Monday, September 14, 1998

A nonprofit affinity group of the Texas Association of Museums A workshop presented by the Collection Managers Committee

the Museum of Fine Arts, Houston Hosted by the Houston Museum of Natural Science & a fund raising workshop

for additional information, please call the Dallas Museum of Art at 214-922-1267