



# The Grapevine



Newsletter

October 11, 1993

FOR CULTURAL RESOURCES MANAGEMENT

Vol 3:10

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## STATE NEWS

### Alaska

[Reprint from *Office of History and Archaeology Report Number 36.*] The Alaska Heritage Resources Survey (AHRS) is an inventory of all reported cultural resources in the State of Alaska. This inventory includes objects, structures, buildings, sites, districts, and trails. As of June 1993, the inventory listed 17,809 sites and properties.

The inventory provides baseline data for developing the statewide historic preservation plan, state area plans, oil contingency plans, and other resource planning documents. It expedites the Section 106 review process.

The AHRS is available on a restricted basis to government agencies, scientific researchers, Native cooperation land managers, and private companies for planning and reviewing development projects.

The inventory is a map-based system. Site locations are plotted on U.S. Geological Survey topographic maps. The characteristics of each site are summarized in a computer database.

### Arizona

[Reprinted from *Arizona Archaeological Council Newsletter, Volume 17, Number 4.*] The Bureau of Land Management in Arizona has restructured its District Offices in an effort to move personnel closer to field-level work. District Office Resources staffs have been shifted to the Resource Areas. This means that there are no longer any District archaeologists, although each Resource Area has an archaeologist, and some have more than one. If you need information or wish to work on BLM-administered lands, you should contact the appropriate Resource Area office directly from now on. A current list of all Arizona BLM Resource Area archaeologists with their office addresses, telephone numbers, and FAX numbers, together with a map of Resource Area boundaries, can be obtained from:

Gary Stumpf  
Bureau of Land Management  
Arizona State Office (931)  
3707 N. 7th Street  
Phoenix, Arizona 85014  
☎: 602-650-0509  
FAX: 602-650-0452



The fall meeting of the Arizona Archaeological Council (AAC) will be held October 29-30, 1993, at the Pueblo Grande Museum in Phoenix. The focus of this year's meeting will be to examine the diversity and effectiveness of programs that are offered to the public, the value of partnerships in implementing these programs, and what issues should AAC focus on in the future. Speakers include Arizona leaders in archaeology public education programs as well as presenters from out of state who will provide national and southwestern regional perspectives on public archaeology.

### Connecticut

#### **Preserving Historic Landscapes In Town and Country**

This statewide conference will be held Thursday, November 18, 1993, at the Mattatuck Museum in Waterbury, CT. This day-long conference will address the role preservationists can play in identifying historic open spaces and preserving them by working with conservationists and others to create sensitive plans for their future use.

Tom Hiss, author of *The Experience of Place*, will deliver the keynote address. He will discuss the importance of landscape in our perception of place and consider how new development might be designed to respect and enhance our diminishing open spaces. Included in the conference are panel presentations, discussions, and case studies about different types of historic landscapes. Question and answer sessions, workshop materials, and displays by organizations such as The Farmland Trust will give additional information and resources for study and action. For more information or to request a registration form, call or write the Connecticut Trust for Historic Preservation, 940 Whitney Avenue, Hamden, CT 06517, ☎ 203-562-6312.

### Maryland

#### **Preservation & Revitalization: Building Livable Communities**

November 12-13, 1993  
Loews Annapolis Hotel  
Annapolis, Maryland

The Maryland Division of Historical and Cultural Programs announces a statewide Preservation and Commercial Revitalization Training Conference. This conference is a joint effort of the Maryland Division of Historical and Cultural Programs, Maryland Historical

Trust, Community Assistance Administration, and Maryland Main Street Program, with co-sponsorship from Preservation Maryland, Maryland Downtown Development Association, Maryland Association of Historic Districts Commission, and the Maryland Environmental Trust. Topics include:

- \* Heritage Corridors: A State Perspective
- \* Evolution of Commercial Architecture
- \* Business District Management
- \* What Museum Visitors Want -- How to Offer it



### **Buildings Saved and Threatened: Baltimore Area Case Studies**

A seminar series is being offered to look at the preservation of four building types: theaters, churches, large suburban homes, and small city houses. Participants and presenters will tour examples of successful preservation projects and discover the combination of factors that made those projects work -- people, location, market, timing, passion, and luck, among other.

All seminars will run from 9:30 am to 12:00 noon and are scheduled for the following Saturdays:

- \* October 9, 1993 - "Suburban Estates" at Dumbarton
- \* November 6, 1993 - "Vernacular Houses" at the B & O Railroad Museum
- \* January 8, 1994 - "Historic Theaters" at the Senator Theater
- \* February 5, 1994 - "Historic Houses of Worship" at St. Timothy's Church, Catonsville

For further information, call Tim Bishop at 410-343-2358.

### Rhode Island

#### ***Restore/Reuse/Rebuild Educational Seminar and CTE Product Exposition***

October 27, 1993  
Rocky Point Palladium  
Warwick, RI

Presented by the Rhode Island Construction Specification Institute, this seminar's objective will focus on describing the process/procedures of analyzing an older building's restoration requirements, structural and code assessments, as well as economic incentives pertinent to the rebuild market. Each technical session will explore options and define the procedural interaction between the design professional, regulatory agencies, and real estate development groups. Through the effective use of case studies, the seminar will identify who/what Rhode Island agencies are available as resources and what opportunities are available for the business and design community.

Co-sponsors for this seminar include American Institute of Architects, Rhode Island Realtors, BOMA, IREM, and various state and regional historical societies.

Pre-registration (due October 22, 1993) is \$40 and walk-in registration is \$45. Registration includes program material, buffet lunch, and free admittance to CTE Production Exposition. For registration form or more information contact, Larry Mills, 9 Esek Hopkins Lane, Cumberland, RI 02864, 617-666-2800.

### Texas

As of September 1, 1993, the Department of Antiquities Protection, Texas Historic Commission requires that completed *Abstracts* forms accompany all final reports that meet the following criteria:

An *Abstracts* form should be completed whenever an area of 10 acres or more is surveyed,

OR

whenever an archaeological site is discussed, even if it is a previously recorded site that is determined to be no longer intact.

Your report will be rejected if a completed form is not included. This policy applies to reports produced for both federal and state projects. For a copy of the form or further information, please contact the Department of Antiquities Protection, Texas Historical Commission, PO Box 12276, Austin, TX 78711-2276.

### Virginia

October is Archaeology month in Virginia. The theme this year is "Virginia Archaeology: A Jefferson Legacy Worth Preserving." The Virginia Department of Historic Resources is planning a whole month of activities, expanding this year's observance to allow greater participation. For information contact State Archaeologist Catherine Slusser at 804-786-3143.



The 1993 annual meeting of the Archaeological Society of Virginia will be held in Staunton on October 15, 16, and 17, at the Sheraton Inn Interstate 81 and Route 275 (Exit 225). Contact the Sheraton Inn at 703-248-6020 or their nationwide number 800-325-3535. For further information, contact local arrangements chair Jack Hranicky 703-256-1304, or program chair Martha Williams 703-573-3769.

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1318 Main Street  
Cincinnati, OH 45210.**

## FOR YOUR INFORMATION

*EMANCO, Inc.  
Closes Operations*

Due to partner retirement, EMANCO, Inc., Houston, Texas, is no longer engaged in broad-scale environmental consulting. All project files, including report masters, are in temporary repository in Houston. All cultural resources data related to EMANCO projects completed in Pennsylvania, New Jersey, New York, and Virginia have been forwarded either to clients for distribution to authorized state repositories or to repositories directly. Inquiries related to EMANCO CRM and other projects in these states and North Carolina, South Carolina, Florida, Georgia, Alabama, Mississippi, Louisiana, Texas, Oklahoma, Arkansas, and Colorado should be directed to Dr. William P. Wenstrom, 1403 Brittmoore Rd., Houston, Texas 77043. EMANCO cultural resource staff members can be contacted as follows: Mr. J. Brett Cruse c/o Espey, Huston & Associates, Inc., PO Box 519, Austin, TX 78767; Ms. Maria E. Cruse c/o 4208 Kilgore, Austin, TX 78727; and Ms. Carol S. Weed c/o Gray & Pape, Inc., 1318 Main Street, Cincinnati, OH 45210.

Burton K. Kummerow, former executive director at Historic St. Mary's City, joins the staff of the Maryland Division of Historical and Cultural Program as their Chief of Exhibits and Interpretation.

**Prehistoric Chewing Gum Found**

A 9,000-year-old piece of chewing gum was found during an archaeological excavation in Sweden. According to the *Rocky Mountain News* (August 18, 1993), the dark-colored gum was made of a resin and was sweetened with honey. The gum evidenced tooth marks of a "Stone Age" teenager and could possibly be the earliest example of its kind. According to archeologist Bengt Norqvist, the gum was among the artifacts recovered at an excavation of a small Stone Age community in western Sweden.

Paul John Schumacher is the 1993 recipient of the Mark Raymond Harrington Award for Conservation Archaeology. This award is presented annually by the Society for California Archaeology (SCA) to a person who has contributed exceptionally to the enlightened stewardship of California's archaeological resources.

Paul's career with the National Park Service started in 1945 when he was employed as a "buck ranger" at Bryce Canyon. By 1960 he was the Regional Archaeologist, responsible for both in-park and interagency archaeological programs throughout the Western Region.

Paul's contributions to archaeology are too numerous to list here. Highlights of Paul's career include his early advocacy of historical archaeology in urban contexts; his encouragement of the use of remote sensing techniques in underwater archaeology; his vigorous work with national organizations such as the Society for American Archaeology and the Committee for the Recovery of Archaeological Remains; and his role in the formation of both the Society for California Archaeology and the Society for Historical Archaeology.

On October 18, 1993, Carol Weed, formerly of EMANCO, Inc., Houston, Texas, will be joining the staff of Gray & Pape, Inc.'s Cincinnati office in the capacity of Principal Investigator.

**CALL FOR PAPERS***International Conference on  
Fresh Water & River Archaeology*

June 1994 at University College of North Wales, Bangor

Most people associate underwater archaeology with ship wrecks on the sea bed, but in recent years exciting and important archaeological work has taken place within the waters of rivers, lakes, wells, and sinkholes, and at inundated settlements. University College of North Wales and Oxford

University's Maritime Archaeological Research program sponsor meetings to discuss fresh water projects conducted all over the world. Sessions will cover such subjects as lake dwellings and crannogs, lake transport, riverside habitation sites, river transport, estuarine excavations, sink holes, inundated sites, drains, wells and cisterns, and boat finds from landfills and drainage areas.

Those wishing to submit papers should contact:

Mensun Bound  
Oxford University MARE  
4 Butts Road  
Horspath, Oxford OX33 1RH  
ENGLAND

[Reprinted from the Institute of Nautical Archaeology Quarterly, Volume 20, Number 1.]

**PUBLICATIONS**

*The House Beneath the Rock*, edited by David G. Noble, \$7.95, available through Ancient City Press, PO Box 5401, Santa Fe, NM 87501, ☎ 505-982-8195. This volume, one in a series of books focusing on National Parks of the Southwest, includes selections by archaeologists and historians depicting the prehistory and history of the cliff dwellings of Canyon de Chelly and Navajo National Monument. The final chapter is an interview with an Navajo woman who lived in Canyon de Chelly in the early 1900s.

*The Archaeology of 17th-Century Virginia, Special Publication 30*, edited by Theodore R. Reinhardt and Dennis J. Pogue (412 pp., ill., ISBN 0-87517-067-6, \$15.00). This work is the fifth volume in the archaeology of Virginia series, and the first on historical archaeology. Published by the Archaeological Society of Virginia, this volume stems from the Council on Virginia Archaeologists' (COVA) 1991 symposium on 17th-century life and culture. Orders should be directed to the ASV Treasurer, PO Box 340, Courtland, VA 23837. The price is \$15 plus \$2 postage.



## CALENDAR OF MEETINGS

**October 21-24 - Fifth Occasional Anasazi Symposium** will be held at San Juan College, Farmington, New Mexico. The theme of this year's symposium will be "The Big Project and the Big Picture: Synthesis in the Four Corners and Beyond." For more information contact Meredith Matthews ☎ 505-599-0344.

**October 29-31, 1993 - Eastern States Archeological Federation** will hold its 60th annual meeting at the Bangor Motor Inn in Bangor, Maine. Hosted by the Maine Archaeological Society, this year's meeting will include visits to the Abbe Museum in Acadia National Park and the Maine State Museum in Augusta. For further information contact program chair James B. Petersen, Archaeology Research Center, University of Maine at Farmington, Farmington, Maine 04938, ☎ 207-778-7012; or local arrangements coordinator Michael Brigham, Milo Printing Company, Milo, Maine 04463, ☎ 207-943-7384.

**November 3-6 - 50th Annual Southeastern Archaeological Conference (SEAC)** will be held at the Radisson Plaza Hotel, in Raleigh, North Carolina. SEAC is one of the largest, oldest, and most respected regional organizations in the country. This year over 125 papers dealing with southeastern archaeology will be presented. Registration is \$35. For more information contact: Mark A. Mathis, Office of State Archaeology, 109 East Jones Street, Raleigh, NC 27601-3120, ☎ 919-962-6574, FAX 919-962-1613.

**November 4-7 - American Society for Ethnohistory** will hold its annual conference at Indiana University Memorial Union, Bloomington, Indiana. For further information contact: Douglas R. Parks or R. David Edmunds, American Indian Studies Research Institute, Indiana University, 422 N. Indiana Ave., Bloomington, IN 47405, ☎ 812-855-4086.

**January 5-9 - Annual Meeting of the Society for Historic and Underwater Archaeology**, Hotel Vancouver, Vancouver, BC, Canada. Contact: David V. Burley, Department of Archaeology, Simon Fraser University, Burnaby, BC V5A 1S6, Canada.

*If you have a meeting you would like to include on our calendar, The Grapevine will be glad to list it for you. Please remember to submit your listing by the 10th of each month.*

## BUNKER TO BE ADAPTED FOR ARCHAEOLOGICAL REPOSITORY

By Ronald V. May

The United States Naval Submarine Base, San Diego (Sub Base), has implemented a plan to convert a 1942 igloo bunker into an environmentally controlled archaeological repository. This project would bring the Sub Base into compliance with 36 CFR 79 and other laws pertaining to the protection of cultural resources. Key to the success of this project has been the joint venture with the Fort Guijarros Museum Foundation.

Sub Base and the Fort Guijarros Museum Foundation have cooperated since 1981 in seeking Antiquities and

Archaeological Resources Protection Act (ARPA) permits to investigate the remains of a 1796 Spanish fort. The site lies under existing parking lots, buildings, and other constructions on the United States Military Reservation. The old Spanish fort has been covered by the remains of a 1860s whaling station and then buried by the United States Army Coast Artillery Corps in the 1940s.

The non-profit civilian Fort Guijarros Museum Foundation (FGMF) has been hosted by the Sub Base, which has assisted the investigations by providing laboratory space, equipment storage, and Sea Bee Construction Battalion support over the past 13 years. FGMF has repaid that support with free consulting to assist Sub Base's compliance with 36 CFR 800 and assessments for National Environmental Policy Act evaluations.

The range of collections recovered over the years has included architectural elements of the Spanish fort, delicate wood and leather equipment parts, ceramics, glass, metal, food bone, marine shell, electrical parts, fabrics, and paper. FGMF has underwritten cleaning, conservation, cataloguing, and packaging of the materials in polyethylene bags and acid-free containers. However, the laboratory building and the wooden shelves do not meet the stringent standards for curation of collections under the new federal regulations.

Since the Fort Guijarros Museum Foundation projects began in 1981, San Diego State University curation capabilities have reached the crisis point. That institution has a continued interest in the Fort Guijarros collection. San Diego State University conducted archaeology field schools at the 1769-1835 Royal Presidio de San Diego, a larger Spanish fort five miles north of Sub Base. Soldiers for the Presidio were garrisoned at Fort Guijarros. Artifacts from Fort Guijarros complement the collections recovered at the Presidio. San Diego State University has been in the planning stages for a modern repository for a number of years. All the collections in the region are likely to be consolidated under one regional repository in about five to ten years.

While FGMF works with the estimated 150 square feet of boxed collections on Sub Base, suitable conservation measures need to be implemented. FGMF developed a collections management plan in the fall of 1992 and submitted a proposal to the Legacy Program for \$235,000.

The Legacy Program funded one of three grant requests and Sub Base funded portions of the other two with environmental money. The \$95,000 Legacy grant will enable an upgrade of all artifact conservation and packaging, analysis of portions of the collection, and will fund a metal conservation survey. Sub Base will adapt a igloo bunker to become a 2400+/- cubic foot, environmentally controlled repository. Sub Base will also purchase IBM computer equipment, document scanners, and other supplies to develop a shelf, box, and bag retrieval system to manage the collections. Sub Base funds will also contract out for a team to carry out these tasks.

Key to the Sub Base collections management plan is the 1942 igloo bunker. This type of structure was constructed by the thousands in the early days of World War II. The basic

design was a small quonset hut set in a concrete foundation. The corrugated arched roof was then reinforced with steel and 18 to 24 inches of concrete. Each end had been fitted with a door entrance and cast concrete formed tunnels about 15 feet away from the structure. In some instances, a sealant had been applied to the concrete shell. The igloo had then been covered with earth and the entrances camouflaged. Since 1950, most of those bunkers stored ammunition and emergency supplies.

The Sub Base igloo bunker measures 10'X 40' and attains a height of eight feet. The curvature of the ceiling limits the usable wall space to six feet. Application of modern epoxy sealant to the walls, polyurethane to the floor, and installation of hermetically sealed security doors would render the space suitable for environmental controls. The walls would be painted with water-based paints and UV-sleeved lights installed on the ceiling. All shelving would be steel coated with chemically stable enamel. Air pressure pumped into the room would be about five pounds greater than outside, thus reducing the temperature changes each time the doors are opened. mechanical heating, ventilation, air conditioning, and humidity control devices are to be installed in one of the entrance tunnels. The other would be double doored.

All artifact collections will be re-packaged in 4-mil polyethylene bags, grouped in small acid-free boxes, and placed in acid-free and lignin-free boxes. These sub-environments will ensure long-term protection of the materials from dust, insects, and chemicals. The boxes will then be placed in freezers for several days to kill off insect larva that might have escaped visual examination. Metal artifacts will be placed in plastic boxes with silica gel packs placed in the bottoms to remove any moisture. A conservation maintenance schedule will then be established to check the collections for replacement of silica and further conservation measures.

The ultimate plan will be to develop computerization programs that will enable museums, educational institutions, contract archaeologists, and independent scholars to access the collections data via modem. Transfer of data by modem will make the collections useful for academic research nationally. This access will enable scholars to determine if a trip to Sub Base would be worthwhile.

In the meantime, research on the old Spanish fort on Sub Base continues. The joint venture relationship between the U.S. Navy Submarine Base, San Diego and the Fort Guijarros Museum Foundation has been beneficial to both military and civilian interests. Both parties will benefit from the collections management plan and the adaptive re-use of the 1942 igloo bunker as a curation repository. Until such time when the United States Army Corps of Engineers installs regional repositories and long-term management arrangements have been established, Sub Base will be in compliance with 36 CFR 79 and the American public will benefit with a collection that will be as accessible as a public library.

Ronald V. May  
Fort Guijarros Museum Foundation  
PO Box 231500  
San Diego, CA 92115

## JOB ANNOUNCEMENTS

**ARCHAEOLOGIST** - Brockington and Associates, Inc. has an opening for a team-oriented, full-time archaeologist in the Southeast United States. Candidates must have at least a M.A. in anthropology and previous experience in cultural resource management. Excellent writing and other communication skills are required. We offer competitive compensation and benefits. Send your resume and samples of your writing to Attn: Archaeologist, Brockington and Associates, Inc., 5980 Unity Drive, Suite A, Norcross, GA 30071. An Equal Opportunity Employer.



### LOUISIANA STATE ARCHAEOLOGIST

The Louisiana Division of Archaeology is seeking an archaeologist to serve as State Archaeologist and as Director of the Division of Archaeology.

#### Responsibilities:

The State Archaeologist directs the statewide program of archaeological resource identification, documentation, and education; develops plans and policies; manages personnel including division staff and archaeologists at regional offices; reviews, comments, and develops agreements related to Section 106 reviews; advises university, state, and federal archaeologists and private industry archaeologists on laws, regulations, and policies governing archaeological investigations; and expands the archaeological outreach and education programs.

#### Qualifications:

Applicants must have a Ph.D. in anthropology plus four years of professional-level experience in New World archaeological research, administration, or management. At least two of these years must be in archaeological research.

Applications can be obtained from:

Mr. Eddy Martin  
Office of Cultural Development  
PO Box 44247  
Baton Rouge, LA 70804  
☎ 504-342-8170

Letters of intent, resumes, and requests for applications are due by December 15, 1993.

In order to provide additional information about this position, Mr. Eddy Martin will be attending the Southeastern Archaeological Conference (SEAC) in Raleigh. Interested persons may set up appointments for November 4th and 5th by calling Mr. Martin prior to SEAC at 504-342-8200. Meetings may also be scheduled at the conference. An announcement will be posted with Mr. Martin's suite number and available times he can talk to candidates.

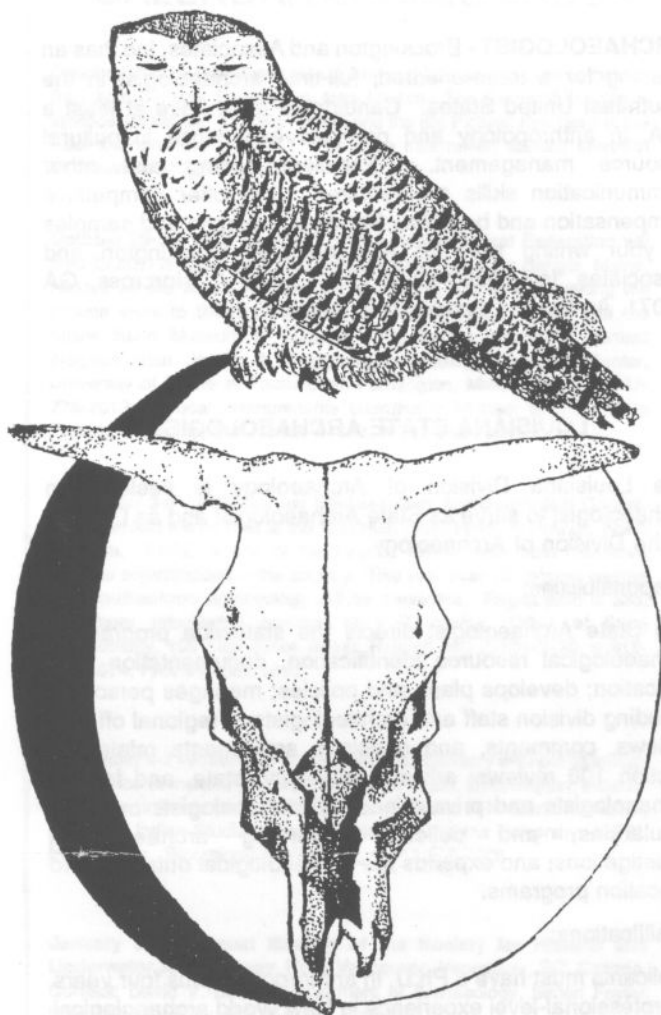


Illustration by Patrick Harmon

### ARCHAEOLOGICAL EQUIPMENT FOR SALE OR RENT

#### ARCHAEOLOGICAL SOIL FLOTATION DEVICE

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Contact: Dr. Lesley Drucker

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El Cajon, CA 92019  
☎ 619-441-0144  
Contact: G. T. Gross

Alpine Archaeological Consultants, Inc.  
PO Box 2075  
Montrose, CO 81402-2075  
☎ 303-249-6761 FAX 303-249-8482  
Contact: Susan Chandler, Jon Horn, & Alan Reed

Archaeological Data Services, Inc.  
21 Wisconsin Avenue  
Columbus, OH 43222  
☎ 614-276-1911  
Contact: Annett Ericksen

Archaeological & Historical Consultants, Inc.  
101 North Pennsylvania Avenue  
PO Box 482  
Centre Hall, PA 16828  
☎ 814-364-2135  
Contact: Dr. Conran A. Hay

Archaeological Research, Inc.  
2735 Gold Avenue  
El Paso, TX 79930  
☎ 915564-3995  
Contact: John Peterson

Archaeology Resources Consultant Services, Inc.  
1719 Watterson Trail  
Louisville, KY 40299  
☎ 502-266-6789  
Contact: Anne Tobbe Bader  
Joseph E. Granger

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Columbus, OH 43202  
☎ 614-268-2514  
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Contact: Glory Anne Laffey

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Contact: David G. Stanley

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Applied Research Center  
790 Pitt Way  
Pittsburgh, PA 15238  
☎ 412-826-3210  
Contact: Chris Davis

CNG Transmission Corporation  
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Contact: Steve Burkett

Coastal Carolina Research, Inc.  
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☎ 919-641-1444  
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Commonwealth Cultural Resources Group  
2530 Spring Arbor Road  
Jackson, MI 49203-3696  
☎ 517-788-3561  
Contact: Don Weir

Cultural Resource Analysts, Inc.  
143 Walton Avenue  
Lexington, KY 40508  
☎ 606-252-4737  
Contact: Charles M. Niquette

Dakota Research Services  
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Rapid City, SD 57702-9311  
☎ 605-341-2361  
Contact: Jeff Buechler

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2860 Division Rd.  
Jackson, WI 53037  
☎ 414-677-4825  
Contact: Ray Dausman

Dayton Museum of Natural History  
2600 DeWeese Parkway  
Dayton, OH 45414  
☎ 513-275-5811  
Contact: J. Heilman

Diachronic Research Foundation, Inc.  
PO Box 50394  
Columbia, SC 29250  
☎ 803-929-0294  
Contact: Carl Steen

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David Killam

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☎ 704-873-0758  
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3772 Pleasantdale Rd, Suite 200  
Atlanta, GA 30340-4214  
☎ 404-270-1192  
Contact: Patrick H. Garrow

Mike & Kathy Gear  
PO Box 1329  
Thermopolis, WY  
☎ 307-864-5212

Geoarcheology Research Associates  
5912 Spencer Avenue  
Riverdale, NY 10471  
☎ 212-601-3861  
Contact: Joe Schuldenrein

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406 W. Franklin Street (Branch Office)  
Richmond, VA 23220  
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Contact: Mark Wittkofski

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Contact: Terry Klein

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1997 Garden Avenue  
Eugene, OR 97403  
☎ 503-485-0454  
Contact: Rick Minor

Heritage Research Center, Ltd.  
PO Box 9316  
101 E. Broadway, Suite 505  
Missoula, MT 59807-9316  
☎ 406-721-1913  
Contact: Jeff Weldon

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PO Box 7086  
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Contact: Mark Druss, Ph.D

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19524 Hilldale Drive  
Sonoma, CA 95370  
☎ 209-533-2902  
FAX 209-533-2077  
Contact: Shelly Davis-King

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