❧ *The Grapevine* ❧

Newsletter

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❧ NATIONAL NEWS

NATIONAL PARK SERVICE SYSTEMWIDE ARCHEOLOGICAL INVENTORY PROGRAM

[Adapted from Ohio Preservation Alliance Newsletter, Spring 1993.] The National Park Service (NPS) Systemwide Archaeological Inventory sets forth a long-term goal of conducting systematic, scientific research to locate, evaluate, and document archaeological resources under NPS stewardship. As part of the NPS National Archaeological Survey Initiative, the information gathered on location, characteristics, and significance of archaeological sites will enable park planners and managers to make informed and effective decisions on the preservation, treatment, and protection of these resources.

The requirements, standards, and priorities instituted by the program will assist NPS regional officers and parks in planning, programming, funding, and conducting inventories. It calls for the development of survey plans that tailor the program to specific regions and parks, and encourages cooperation and collaboration on inventories with states, other federal land managers, Indian Tribes, and others.

Published copies of the program are available by writing the Anthropology Division, National Park Service, PO Box 37127, Washington, DC 20013-7127.

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NATIVE AMERICAN DIRECTORY

A Native American Directory is now available. Included in this directory is a list of national Indian organizations, Indian schools, museums, libraries, and urban Indian centers. For information on obtaining a copy, contact: Native American Directory, PO Box 1030, San Carlos, AZ 85550-1030.

❧ STATE NEWS

California

Sacramento Heritage, Inc., is changing to an office of historic preservation. Sacramento Heritage, which is a five-member board now staffed by the Sacramento Housing and Redevelopment Agency, is an unusual advocacy agency in that it is a part of a city government rather than being a private non-profit organization.

This new office's mission will be to protect the city's stock of historic buildings, coordinate its preservation efforts, and undertake preservation projects. The preservation board will still be responsible for listing and for regulating new construction, demolition, and the moving of buildings. Concurrently, Sacramento Heritage will concentrate in areas such as public education and expanding and updating the city's historic buildings inventory.

Indiana

The Indiana Department of Natural Resources is looking for volunteers to help with the 1993 archaeological dig at the Lanier State Historic Site in Madison, Indiana. This summer dig begins Tuesday, June 15th, and runs through Saturday, July 17th. During this year's dig, a public program will be held one evening a week. Subjects will include general historic archaeology, site excavation, and progress reports. Also, the hours for the dig will be expanded to include one evening a week. Four or eight hour shifts, Tuesday through Saturday, will be the normal dig schedule. For more information, contact Genevieve Novak at 317-232-8281.

Kentucky

[Adapted from *Heritage Sprint* March/April 1993.] The Kentucky Heritage Council has $85,000 in a state matching grant fund for restoration and archaeology projects. These funds will be awarded by the Council in July, 1993, to projects that have a local match equal to the grant amount requested/awarded. The number of applications always exceeds the amount of funds available. Nevertheless, the Heritage Council encourages applications for projects that preserve significant historic resources and make these accessible to the general public. Priority for funding will be given to those projects with public benefit, or which take place in areas of Kentucky where little preservation work has been done previously. Projects must demonstrate the ability to complete work by June 1994, and show the ability to match the grant. The deadline for application is June 15, 1993. For a copy of the grant application, contact: Becky Shipp, The Kentucky Heritage Council, 300 Washington Street, Frankfort, KY 40601, ☎ 502-564-7005.

Maine

Maine Citizens for Historic Preservation will co-sponsor a lecture series on Historic Preservation. The series will run for four Wednesdays in May and will take place at the Dyer Library, Main Street, in Saco. Topics include "The Saco Bay Region: An Appreciation of its Built Beauty" and "Restoration on a Shoe String: Doing Quality Work on Older Homes and Keeping Costs Down." Lectures, which start at 7:30 p.m., are free and open to the public.

Missouri

The Missouri Historic Preservation Program is seeking corporate or individual co-sponsorship for technical preservation publications with statewide applicability. Interested parties should contact Editor Karen Grace at 314-751-7959.

❧ CALL FOR PAPERS

Ohio Archaeological Council Conference

A View From The Core
A Conference Synthesizing Ohio Hopewell Archaeology

November 19 and 20, 1993
Chillicothe, Ohio

The primary objective of the Second Annual OAC Conference is to synthesize archaeological research from the core area of Ohio Hopewell in order to expand our understanding of the Middle Woodland period (1500-2000 B.P.) earthwork and mound builders of the central Ohio Valley. Papers are invited on all aspects of Ohio Hopewell including subsistence and environment, settlement patterns, technology, ceremonial and mortuary behaviors, as well as origins and decline. A *Plenary Session* will focus on a broad synthesis of Ohio Hopewell archaeology which addresses the major themes of the conference. A panel discussion will follow. Papers which address more specific topics will be included in a *Contributing Papers Session.*

All interested parties are encouraged to submit a 200-word abstract by May 31, 1993 to:

Dr. Paul J. Pacheco
OAC Conference Coordinator
124 Maple Street
Granville, OH 43023
☎ 614-587-1686

❧ WORKSHOPS

The National Park Service will sponsor three nationwide workshops titled "Care of the Historic Site: Assessing Needs and Implementing Solutions." The workshops will be held during 1993 in Atlanta, Georgia (May 24th), Bethel, Maine (October 2nd), and Austin, Texas (October 15th). The workshops are intended for site administrators, individuals responsible for obtaining conservation services, and professionals from small- and medium-sized museums. For more information, including a list of events, workshop highlights, and speakers, contact the following:

Atlanta - Mary Ann Eaddy, Office of Historic Preservation, Georgia Dept. of Natural Resources, Floyd Tower East, Suite 1462, 205 But-ler Street SE, Atlanta, GA 30334, ☎ 404-656-2840

Bethel - Tom Johnson, Director, Maine Citizens for Historic Preservation, PO Box 1198, Portland, ME 04104, ☎ 207-775-3652.

Austin - Frances Rickard, Director of Local History Programs, Texas Historical Commission, PO Box 12276, Austin TX 78711, ☎ 512-463-6100.

❧ PUBLICATIONS

Flow Blue: A Collector's Guide to Pattern, History, and Values, by Jeffrey B. Snyder. This book is marked as a collector's guide; however, the author, who is an historical archaeologist, provides a well-documented history of flow blue. There are over a hundred pages of photographed examples: each captioned with manufacturer name and date range information for the piece. Available through Schiffer Publishing Ltd., 1469 Morstein Road, West Chester, PA 19380.

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Saving Place, by Philip B. Herr. This publication and accompanying video examines the protection of community character while dealing with current planning issues facing rural New England. The accompanying video is an outgrowth of Project PREPARE, a study of rural planning and preservation issues. Both the video ($25) and book ($35 with video) are now available to interested groups and individuals through The Northeast Regional Office of the National Trust of Historic Preservation. For further information, contact Northeast Regional Office of the National Trust of Historic Preservation at 617-523-0885.

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[Reprinted from the Southeastern Archaeological Conference Newsletter, April 1993.] I, Jay Johnson, have a box full of *The Organization of Core Technology,* which I purchased when the press decided on a stock reduc-

tion. If I die with this many copies my heirs will think it was a vanity publication. So, I'd like to get them out to the people who might use them. To see if you qualify, check the reviews (*American Anthropologist* 90(4): 1036-1037, *American Antiquities* 56 (1): 169-170). If you still would like one send a check for $5.00 made out to me to cover costs. Limit one to a customer. The address is: Jay K. Johnson, Department of Sociology and Anthropology, University of Mississippi, University MS 38655.

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Underwater Archaeology Proceedings from the Society for Historical Archaeology Conference, 1993 Kingston, Jamaica. Edited by Donald H. Keith and Toni L. Carrell. This issue contains 25 papers, with topics including 15th- and 16th-century ships and maritime trade; small craft; Caribbean underwater archaeology; advances in international underwater archaeology; and technology, theory, and analysis. Available from the Society for Historical Archaeology, PO Box 30446, Tucson, AZ 85751-0446. Cost $17.50 (+ $1.75 handling).

❧ FOR YOUR INFORMATION

Patrick Trader has joined the staff of the West Virginia Division of Culture & History, in the capacity of Archaeologist.

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LETTERS TO THE EDITOR..

I have enjoyed the recent articles on curation and collection management. I firmly believe this is going to be the next "big" problem in archaeology. Perhaps for a future conference, state curators and cultural resource management laboratory directors could discuss this problem in detail. I often feel that this end of archaeology is ignored during the sessions. So few papers on these problems are presented.

Connie Huddleston
Laboratory Director, Atlanta
Brockington and Associates, Inc.

This is just a brief note to let you know that I think your newsletter, "The Grapevine," is interesting and informative. I especially appreciated the recent article on survey technology (12/14/92) and Orloff Miller's essay on Property Rights (4/13/93). Keep up the good work!

David Snyder
Archaeology Review Manager
Technical and Review Services
Ohio Historic Preservation Office

ON-LINE FORUM

An on-line forum for archaeologists and related professions has been proposed to the CompuServe information service. Forum topics would include both professional concerns, and political, legal, and public relations issues. Each subdiscipline and special interest would be given the opportunity to form a separate bulletin board. Texts of regulations and legislation would be kept on-line.

To participate in the planning, or to get your name in the initial list of forum members, send a message to David L. Carlson, on CompuServe 75206,1503. You can reach CompuServe from Internet or Bitnet, if you happen to be on those networks.

❧ REQUESTS FOR INFORMATION

Dr. Bernard Herman of the University of Delaware is studying the U.S. District Tax Lists for 1798. Some colonial states made very complete "glass tax lists," including owners, occupations, acreage, outbuildings, andvaluations. Sometimes for more pretentious houses, the building materials, dimensions, and the number of window panes were also listed.

Most of these lists are in private collections. If you have any information on a 1798 tax list, please contact Dr. Bernard Herman, University of Delaware, Center for Historic Architecture and Engineering, Newark, DE 19716.

◆ DATABASE REVIEWS

4th Dimension Pros and Cons

By Thomas Wheaton
New South Associates

4th Dimension (4D) is a fully relational, Macintosh-specific, database language that supports virtually an unlimited number of records and fields, and works over networks and in multi-user environments. 4D, perhaps more than any other database application, is tailored for the Macintosh and takes advantage of its operating system. The size of a database depends only on the amount of storage (harddrive, etc.) available. 4D supports all of the standard field types plus graphics (photos of artifacts, for example). Documentation is excellent. 4D has three operating modes: custom, user, and design. The custom mode is meant for turn-key operations that require little or no database knowledge on the part of the end user and that transparently check input. The user mode is more generic and allows more knowledgeable users to perform most queries and individually manipulate report formats. The design mode is for advanced users familiar with programming and requires a substantial learning curve to be productive. Pascal programmers should find many similarities in the 4D programming language, however, and external procedures can be used from a variety of programming languages. Making input and output layouts is easy for anyone familiar with drawing applications, and making and using linked files and subfiles is uncomplicated. Debugging is fast, as the application has an easy-to-use editor and debugger that quickly identifies trouble spots.

As with all Macintosh software, exporting data for use by spreadsheets, word processors, statistics applications, and mapping programs is fast and straightforward. 4D has the capability of easily sorting or searching one file on a related file to a depth of several files. However, speed is not 4D's forte, and such sorts and searches are somewhat slow. Despite the slowness of 4D on multi-filed or link sorts and searches, it has been consistently ranked as the best all-around database for the Macintosh, and has scored higher than most DOS-based applications for initial ease of use and overall computing power, according to programmers with experiences in both worlds. *MacUser* magazine has given version 2.23 four and a half mice; and version 3.0, currently shipping, will probably score higher.

Within the last year or two, 4D has come out with integrated packages which allow users to manipulate their data in new ways. These include spreadsheet, word processing, and drawing modules, and various utilities including a compiler for greatly enhanced speed. Unfortunately, these modules ($295 each) and the compiler ($1000) add significantly to the $895 list price of the basic application. Many third-party developers have also developed various enhancements and database-development shells, such as Easy 4D (also four and a half mice, $399 list). However, none of these enhancements are necessary to develop incredibly complex databases to solve virtually any database problem.

At New South Associates, we have use 4D since the inception of the company to track personnel and hours by project and phase, and to compare project budgets automatically to the hours and dollars actually spent. This allows us to determine where a project is going over budget or where resources could be shifted to better effect. At a simpler level, we use 4D to keep track of clients, make up mailing lists, and keep dated notes on clients and projects. We also use 4D to maintain up-to-date SF 254 and 255 data, and to respond within minutes to a request for updated, project-specific forms. We also maintain a bibliographic database that allows report writers to quickly select the references required for a report, then export them in alphabetical order and in proper format for reports. These text files are then easily imported by our word processor.

Perhaps of most interest to archaeologists are the databases we have developed to quickly complete, correct, and update various state site forms and to manipulate artifact data for analysis. We presently have site form databases for Georgia, South Carolina, and Arkansas that insure the use of the correct terms and variables required by each state. These databases print out site forms using the same font and formatting as on the official state forms. These same databases can be used to manipulate site data on large surveys to aid in the development of predictive models and to print out USGS quad overlays to easily check site UTMs. Such data can also be exported as text fields and converted to DOS format for use by GIS programs.

The artifact database uses a variety of files to address the three main functions of such databases; what was found; where it was found; and how many were found. The database works with typology-driven historic analyses and with attributes-oriented prehistoric analyses. Not only can the typical questions of "what was found where?" be answered, but various standard analyses, including artifact patterns, mean ceramic dates, and *terminus post quem* dates from any combination of proveniences are easily printed as reports or output as text files for use by other applications, such as mapping and statistics packages.

In sum, 4D is a versatile database application that can satisfy the most demanding archaeological problems and that can be quickly learned for most normal applications. Its major drawbacks are a lack of speed in certain situations, a relatively high cost, and steep learning curve for advanced applications.

What is Paradox?

By Jeanne Harris
Gray & Pape, Inc.

Paradox is an ideal relational database program for people who are not computer experts, but who need to quickly learn and use a database program to manage data as easily as possible. This menu-driven program is easy to understand and lets the user manage data in sophisticated ways without remembering commands. Unlike some other database programs, the step-by-step manuals that accompany the software are easy to understand. The directions are clear and are complemented by diagrammed examples for each step.

Paradox has many "user-friendly" features. The "Query-by-Example" feature simplifies data manipulation to a few uncomplicated steps. The "Script" feature allows the user to store and replay a repeated sequence of actions. Furthermore, Paradox offers a menu-driven customized application generator that enables the user to customize the program for specific needs. Paradox also comes with powerful programming language (PAL), which allows the more experienced user to design unique programs.

Data can be presented as forms, reports, or graphs. Forms are a convenient way to display data from a file. Customized forms can be developed for use during data entry, editing, or viewing. There are two types of report formats offered in Paradox. The tabular report displays data in rows and columns. This format is most applicable to artifact inventories. Free-form reports allow for customized layouts of fields. This format can be used for generating mailing labels, state site forms, and artifact inventory cards, forms, etc. Paradox provides ten different types of graphs, which can be imported into the text of some word processing programs.

At Gray & Pape, Inc., we have been using Paradox 3.5 for over two years. Initially, this program was used to encode database files for our artifact inventories. Through a series of relational operations, coded artifact catalogs can be displayed, reported, or graphed as the text label. Also field data can be linked to this database, producing a provenienced artifact inventory.

Since the inception of *The Grapevine,* we have used this program to record and keep track of our subscribers. Through simple operations we can generate mailing labels and billing statements, as well as make changes in addresses, names, or telephone numbers.

We have found only one major drawback. In the report generator, character attributes, such as fonts, size, underscore, italics, bold, etc., must be assigned by ASCII control characters for the designated printer. We have chosen to enhance our program by adding "R & R Report Writer: for Paradox." This program incorporates Paradox Engine and uses it to access Paradox databases. The layout and design features are far superior to those offered by Paradox 3.5, and the menu-driven programming includes pop-up screens for character attribute selection.

dBase IV, Ver. 1.1

by Connie Huddleston
Brockington and Associates, Inc., Atlanta

Brockington and Associates, Inc., laboratories upgraded to dBase IV, Ver. 1.1, almost two years ago. All artifact data are entered into partially coded databases for ease and accuracy of manipulation. These databases also generate the final catalogs included in all reports (using TXT files converted to WP51). dBase IV has several advantages over dBase III Plus. The first and most important for most archaeological, as well as other commercial uses, is the ease of Query operation utilizing the new Query by Example mode. Additional query operations such as "group by and "contains" allow for faster and more accurate searches of artifact databases. The new "Control Center" is simple to use and allows for easy compilation of catalogs of databases and interaction with special screen and report files. New procedures for designing and producing special screens for data entry and report files are greatly improved over dBase III Plus. The DOS Utilities screen (using DOS commands) allows for uncomplicated manipulation of files on the hard drive, also floppy disk backups. The Tutorial is designed as an introduction for the first-time database user and has been beneficial in training new laboratory technicians in data entry and manipulation.

Two drawbacks to this software are the limited amount of mouse support (additional mouse commands are available in new dBase IV Ver. 2.0) and the danger of corrupted files with power surges and outages while a file is open. This has been an ongoing problem with dBase. Currently, we are experimenting with Norton Utilities 6.0's new program to reclaim such files.

Recently we have purchased the 2.0 upgrade; however, we have not yet implemented its usage. It promises faster query searches using automatic filter optimization techniques, virtual memory manager, and additional query operation along with other improvements.

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COMING ATTRACTIONS ...

Sampling the Subject of Geoarchaeology.

. . . By Kathleen Callum

Radiocarbon Database for Kentucky, West Virginia, and Ohio.

. . . By Charles Niquette

CALENDAR OF MEETINGS

May 20-22 - Ohio Historic Preservation Conference will be held at the Omni Netherland Plaza Hotel (an Art Deco landmark) in Cincinnati, Ohio. Sessions included in the conference are "The Question of Stewardship" and "Beyond Buildings." For information, call 614-297-2497.

May 24-June 11 - Teaching Institute in Lithic Analysis, University of Tulsa, Tulsa, OK. This course can satisfy graduate or undergraduate credit, and can be used as a professional refresher course. Contact: George H. Odell, Anthropology Dept., University of Tulsa, Tulsa, OK 74104.

May 28-29 - Forensic Archaeology Seminar, Mercyhurst College, Erie, Pennsylvania. For registration information, contact: Dennis C. Dirkmaat, Dept. of Anthropology, Mercyhurst College, Glenwood Hills, Erie, PA 16546, ☎ 814-824-2105.

July 26-31 - 15th International Conference for Caribbean Archaeology will be held in San Juan, PR. For further information, contact: Miguel Rodriguez, Instituto de Culture Puertorriquena, Apartado 4184, San Juan, PR 00902-4184, ☎ 809-724-1844, FAX 809-724-8393.

September 18, 1993 - Monongahela Conference will be held at California University of Pennsylvania, California, PA. Requests for further information should be directed to John Nass, Dept. of Social Sciences, California University of Pennsylvania, California, PA 15419-1394.

September 29-October 3 - The National Preservation Conference will be held in St. Louis, Missouri. The theme will be the challenge of livable communities and the role of historic preservation in meeting this challenge. For information and a brochure contact: The National Trust, 1785 Massachusetts Ave. NW, Washington, DC 20036, ☎ 800-937-6847.

November 3-6 - Southeastern Archaeological Conference (SEAC) will be held at the Radisson Plaza Hotel, in Raleigh, North Carolina. 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.*

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Subscription Information

CORPORATE LISTINGS:

$30.00   Each corporate subscription is entitled to be included in the newsletter's quarterly corporate listing for one year. This corporate listing, giving address, phone number, and contact person, will be printed at the back of these issues. New corporate subscription will be listed each month.

INDIVIDUAL RATES:

$20.00   An individual subscription includes one free monthly classified ad per year (request for information, special services, job announcement, or position wanted).

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