I am very pleased to assume the Chair of the Archaeological Geology Division. As someone who has been doing geoarchaeology for a long time, and most of it in the Old World, I am glad to have the opportunity to get more personally acquainted with the geoarchaeological work of the members of the Division. All members by now should have received a blast e-mail from GSA alerting them to a questionnaire that I assembled with the help of Division officers. It can be found at: http://rock.geosociety.org/activewebsurveysql/geoarch.htm

The main idea for doing this was to build a profile of the activities of the members: to see what types of research they do, where they do it and what they’ve published so far. This information not only gives us a sense of the present, but will help us look to the future as we shape the Division around the interests of the membership. It will also help us develop topics for theme sessions and symposia at the national and regional GSA meetings. As of mid-February, there have been about 50 responses from the 571 registered members of the Division. Although we are in the process of tabulating the results with the goal of summarizing them in an upcoming issue of Geotimes, we hope that this large number of responses will continue to grow, thus helping us to provide an even greater portrait of the membership. Your help is appreciated in taking the time to respond.

Other news about the Division is equally encouraging. Membership continues to grow. In the three months since the end of calendar year 2000, 22 new members have joined. This early increase bodes well with the large jump in members in 2000 when Lisa Wells was at the helm. Archaeological geology continues to be an area of increased interest, as shown by the variety of papers presented in the 2000 meeting in Reno on the Geoarchaeology of Colluvial Landscapes, organized by Dave Cremeens and Steven Kite. This awareness is also reflected in the enthusiastic showing at the Society for American Archaeology annual meeting in Philadelphia, where a day-long session, “Rockshelter Sediment Records and Environmental Change in the Mediterranean Region,” was organized by Jamie Woodward and myself. Papers from this symposium will be published in Geoarchaeology in two parts, the first in Vol. 16, No. 4, April, 2001.

Last year’s field trip to Hidden Cave and lacustrine features in the Reno area during the GSA Annual Meeting was a great success. Thanks to Dave Rhode for organizing such an informative and enjoyable trip. Next year’s field excursion is scheduled for the Boston area, although weather, frozen ground and leaf cover present formidable obstacles. We will provide you with an update as soon as possible venues come up. I’m pleased to announce that GSA has just notified us of acceptance of the Topical Session proposal for a session on “Old World Archaeology and Quaternary Environments,” for the technical program at next year’s GSA meeting in Boston. This is good news and a chance for all GSA members to get an Old World geoarchaeological perspective. Another Topical Session, “Archaeological Geology and the Pleistocene-Holocene Transition,” has also been approved: Chris Hill, Vance Holland, and Rolfe Mandel are involved in this session.

I hope I haven’t forgotten anything, but as always, I look forward to hearing from the members about anything related to the Division, and I encourage you to contact me during the forthcoming year.

- Paul Goldberg
DIVISION AWARD PRESENTED
TO RICHARD HAY

The recipient of the 2000 Rip Rapp Award is Richard Hay. Richard has a long and distinguished career in archaeological geology, providing the geological context of two of the most important hominin-bearing sites known in East Africa: Olduvai Gorge and Laetoli. At Olduvai, working alongside Mary and Louis Leakey, Richard produced a basin-wide integrated study of stratigraphy, geochronology, paleontology, sedimentology, mineralogy, isotope geochemistry and archaeology. At Laetoli, he documented the nature of syndepositional volcanism, processes of preservation, and ultimately the absolute age of the unique record of early hominin footprints. As teacher and supervisor he has influenced a long list of leading figures in East African geology. He is a geologist-geochemist extraordinaire, and with graduate students from Berkeley and University of Illinois, he spent his entire professional life using his skills to decipher the geologic and paleoecologic records of arid environments. The citation was prepared and presented by Gail Ashley.

STUDENT AWARD WINNERS

The Claude Albritton Scholarship was awarded to Michael Hilton (PhD candidate, University of California-Los Angeles and National Park Service-Anchorage) for his doctoral research examining the polygenetic origins of soils on the Alaska Peninsula.

The Student Travel Award was presented to Carolyn Dillian (University of California-Berkeley) for her paper titled “Recent Research at Glass Mountain, Siskiyou County, California: The Glass Mountain Archaeological Project.” Congratulations to both students for their fine work!

MINUTES OF THE
2000 BUSINESS MEETING

Submitted by:
William C. Johnson
Secretary/Treasurer

The Archaeological Geology Division Business Meeting was held in room B-10 of the Reno-Sparks Convention Center at 5:00 p.m. on Tuesday, November 14. Chairperson Lisa Wells called the meeting to order at 5:05 p.m. and introduced the award presentations. The Rip Rapp Geological Archaeology Award for a distinguished career in the discipline was presented to Richard Hay. The citation was presented by Gail Ashley. Since the recipient was unable to attend, his response was read in proxy. The Claude C. Albritton, Jr., Award was presented to Michael Hilton and the Student Travel Award to Carolyn Dillian. The Chair congratulated the recipients and expressed gratitude to the Awards Committee for its efforts.

The Chair continued the meeting by first asking for approval of the 1999 business meeting minutes, which were approved unanimously. William Johnson, Secretary/Treasurer, reviewed the Division budget and announced that a letter would be sent to the professional membership asking for contributions to the Student Travel Award fund. Rolfe Mandel called for updates to the Guide to Graduate Departments in Archaeological Geology and Geoarchaeology, which is available on the Division web-site and as hard copy. Andrea Freeman, Newsletter editor, asked that members send announcements and other news that might be placed in the upcoming spring issue of the newsletter. She also indicated that the newsletter would be available in electronic form and delivered through e-mail. Rolfe Mandel, Division Liaison to the Society of American Archaeology (SAA), announced that SAA had a booth at GSA, and that a Division booth should be opened at the SAA meetings. He also provided an update on the Geoarchaeology Interest Group within the SAA.

The Chair announced the outcome of the recent Division ballot for the Management Board members and noted that only sixty members voted. The Chair announced the necrology list consisting of four professional members and indicated that a student member has since died and should be included. A moment of silence was observed in remembrance.

The Chair then turned control of the meeting over to the incoming Chair, Paul Goldberg. The Chair then recognized Vance Holliday, incoming chair of the Awards Committee. He indicated that nominees for the Rip Rapp Archaeological Geology Award need to come from the membership and that he will send out a blast e-mail message to remind everyone. Vance noted further that the competition for the student awards was keen, indicating that our Division has a strong, talented student base. Information for next year’s awards will be available on the website. The chair of the Nominating Committee, Gary Huckleberry, was not present, but Lisa Wells reiterated, on his behalf, that any member may nominate for the Rip Rapp Archaeological Geology Award.

Announcements were solicited from the floor.

Regarding the 2001 annual meeting in Boston, Paul Goldberg said that he was exploring possibilities for a Division field trip, but noted that late fall was not an ideal time to run field trips due to the typically cold and wet weather.

Vance Holliday: The deadline for all awards is March 1, 2001.

Lisa Wells: The Engineering Geology Division has funds for student awards but few applicants; perhaps those students in our Division would be eligible if they have some aspect of engineering geology in their project.

Vance Holliday: The International Quaternary Association (INQUA) will convene its meeting in Reno in 2003; ideas for field trips are needed—please contact Don Easterbrook with ideas.

David Yesner: The American Quaternary Association (AMQUA) biennial meeting will be convened August 2002 in Anchorage, Alaska; part of the meeting will be devoted to Beringia and geoarchaeology.

Rolfe Mandel: Please send him manuscripts for possible publication in the Division journal Geoarchaeology. Papers from the session on colluvial environments and geoarchaeology at this Annual Meeting will be published as a special issue. The second issue on PaleoIndian geoarchaeology will appear soon. He hopes to publish more volumes devoted to themes or topics.
Paul Goldberg: As new chair, his mission is to provide a mechanism through which the members may become more familiar with one another’s professional activities; he plans to do this electronically but is not yet certain how he will accomplish it. Rolfe Mandel indicated that such a directory could be published as a special volume of Geoarchaeology.

Bonnie Blackwell: This would be a good time to contact early members of the Division to get their historical perspectives on the profession and the Division.

Paul Goldberg: Discussion of committee assignments; call for any other announcements; call for adjournment at 6:35 p.m.

A photographic session for the award recipients and citationist was held immediately following adjournment.

DIVISION AWARD NOMINEES SOLICITED

The Archaeological Geology Division requests nominations for its annual Rip Rapp Archaeological Geology Award. The award is given for outstanding contributions to the interdisciplinary field of archaeological geology. Nominations should include a biographical sketch, a statement of outstanding achievements, and a selected bibliography of the nominee. To make nominations or for more information, contact Vance Holliday, Chair, GSA Archaeological Geology Division Awards Committee, Department of Geography, 550 N. Park St., University of Wisconsin, Madison, WI 53706-1491; phone: 608-262-6300; fax: 608-265-3991; e-mail: vthollid@facstaff.wisc.edu

ARCHAEOLOGICAL GEOLOGY STUDENT AWARD

The Archaeological Geology Division announces a $650 travel grant for a student to attend the GSA’s Annual Meeting in Boston, Nov. 5-8, 2001. The grant is competitive and will be awarded based on the evaluation of an abstract and 1,500-2,000 word summary paper prepared by a student for presentation in the Division’s technical session at the GSA meeting. The summary paper may include one figure and must be single authored. The deadline for receipt of the paper is March 1, 2001. Applications should be sent to Vance Holliday, Chair, GSA Archaeological Geology Division Awards Committee, Department of Geography, 550 N. Park St., University of Wisconsin, Madison, WI 53706-1491 (tel.: 608-262-6300; fax: 608-265-3991; e-mail: vthollid@facstaff.wisc.edu).

CLAUDE ALBRITTON FUND FOR ARCHAEOLOGICAL GEOLOGY

Under the auspices of the Archaeological Geology Division, family, friends and close associates of Claude C. Albritton, Jr., have formed a memorial fund in his honor at the GSA Foundation (see item in March, 1991, Newsletter). Initially, the fund was set up with a gift of several thousand dollars. Members of the GSA Archaeological Geology Division, GSA members, and those who knew Claude Albritton are being asked to consider contributing to this fund. The Albritton Fund will provide scholarships and fellowships for graduate students in the earth sciences and archaeology. Recipients of these awards will be students who have (1) an interest in achieving a M.S. or Ph.D. degree in earth sciences or archaeology; (2) an interest in applying earth science methods to archaeological research; and (3) an interest in a career in teaching and academic research. Awards in the amount of $650 will be given in support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research. Those desiring further information about these scholarships should contact the website at: Paul Goldberg, Department of Archaeology, Boston University, 675 Commonwealth Ave., Boston, MA 02215 (tel.: (617) 353-3415; e-mail: paulberg@bu.edu). Proposals should be sent to Vance Holliday, Chair, GSA Archaeological Geology Division Awards Committee, Department of Geography, 550 N. Park St., University of Wisconsin, Madison, WI 53706-1491 (tel.: 608-262-6300; fax: 608-265-3991; e-mail: vthollid@facstaff.wisc.edu).

The deadline for receipt of proposals is March 1, 2001. Those wishing to contribute to the Albritton Fund should send gifts to the GSA Foundation, designating the gift for this fund.

ARCHAEOLOGICAL GEOLOGY DIVISION MANAGEMENT BOARD, 2000-2001

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65th ANNUAL MEETING OF THE SOCIETY FOR AMERICAN ARCHAEOLOGY

The 66th Annual Meeting of the Society for American Archaeology will be held at the New Orleans Marriott, New
Orleans, LA. For information about the meeting, contact: SAA Headquarters, 900 Second St. NE #12, Washington, DC 20002 (tel.: 202-789-8200; e-mail: meetings@saa.org; www.saa.org).

The business meeting of the Geoarchaeology Interest Group will be held on Thursday, April 19, between 6 and 7 pm. Paul Goldberg, Trina Arpin, and Rinata Dalan will be presenting some new “tricks of the trade” (or the GIZMO show) during the meeting. As has been tradition for the past several years, there will be several informal presentations made by members of the Interest Group on methods or gizmos that make fieldwork easier.

A Geoarchaeology Interest Group symposium has been organized by Julieann VanNest and is scheduled for Thursday afternoon (April 19). The theme of the symposium is: Geoarchaeology of Mounds and Earthworks. Proceedings from the symposium are slated for publication in the Bulletin Series of the New York State Museum. Anyone wishing to contribute to this volume is encouraged to contact Julieann Van Nest, Research Geoarchaeologist, New York State Museum, 3122 Cultural Education Center, Albany, NY 12230 (518-474-5814, jvannest@mail.nysed.gov).

Other activities of interest to AG Division members:

Workshop
April 18: GIS Workshop

Forums
April 19 (evening): “Phytoliths in a Multi-disciplinary Approach to Investigating Early Plant Use”, sponsored by the Society for Phytolith Research
April 21 (afternoon): “Compliance or Complacency?: The Current State of Geophysics in North American CRM”

Symposia and Paper Sessions
April 19 (afternoon): “Digital Methods: Legacy, Databases, GIS and the Internet”
April 19 (evening): “New Applications of Remote Sensing”
April 20 (afternoon): “Geoarchaeology”
April 21 (afternoon): “Archaeometric Applications”
April 22 (morning): “Resolution and Refinement: Leading Edge Research in Archaeological Chemistry”
April 22 (morning): “Addressing Archaeological Problems Using GIS”

Poster Sessions
April 19 (morning): “Geoarchaeology and Formation Processes”
April 19 (afternoon): “Geophysics and CRM: A Company Perspective”
April 20 (afternoon): “Cultural Resource Management and Archaeometry: Entering the Mainstream”
April 20 (afternoon): “Archaeometry and Digital Methods”

OTHER MEETINGS

April 25-29, 2001, Visby, Gotland, Sweden. Computer Applications in Archaeology. CAA 2001 will be held in Visby on the island of Gotland, Sweden, April 25-29, 2001. The conference will take place at Gotland University College and will consist of three parallel sessions of lectures, as well as posters and demonstrations. The aim is to bring together archaeologists, anthropologists, osteologists, environmentalists, cultural heritage managers, historians, mathematicians, numismatists, human geographers, computer scientists and experts from other disciplines related to archaeological research and methodology, and to encourage communication between these disciplines, to provide a survey of present work in the field and to stimulate discussion and future progress. The conference will open Wednesday, April 25, and there will be a welcome reception in the picture-stone hall at the Historical Museum of Gotland the same evening. Three parallel sessions of 30 and 15 minute lectures will take place Thursday - Saturday, April 26 – 28. The conference dinner, arranged as a medieval banquet, will be held on Saturday evening. A full-day excursion around the island of Gotland will be arranged on Sunday, April 29. If you are interested in continuous information on the CAA2001 conference, please subscribe to our mailing list on the CAA2001 homepage: http://caa.hgo.se/

May 27-30, 2001, St. John’s Newfoundland. GAC-MAC/CANQUA Symposium. Quaternarists from around the northern North Atlantic Ocean, working in terrestrial, coastal, or marine environments and successions, are invited to participate in the Quaternary Geology of the Northern North Atlantic Region symposium, organized by CANQUA, to be held as part of the Geological Association of Canada-Mineralogical Association of Canada Annual Conference. This conference promises to bring together Quaternarists from all areas washed by the waters of the northern North Atlantic to look at common Quaternary issues, to compare and correlate chronostratigraphic events throughout the region, and to look at comparative analyses of sedimentary successions, palaeoenvironments, and Quaternary landforms. For more details go to: www.geosurv.gov.nf.ca/stjohns2001.

May 29-June 2, 2001, Montreal, Quebec. Canadian Association of Geographers. This annual meeting will be a celebration of the 50th anniversary of the founding of the CAG. Contact: Tim Moore (Moore@felix.geog.mcgill.ca).


June 13-18, 2001, University of Ulster, Northern Ireland. Millennial-Scale Events in the North Atlantic Region During Termination I. The conference will focus on evaluating the timing, signatures, and correlation of high-frequency
hemispheric-scale climate and environmental changes during Termination I (last deglaciation) in the North Atlantic region, as deduced from ice core, marine core, and terrestrial (glacial, peat, lake) records. Contact: Jasper Knight (j.knight@ulst.ac.uk; www.ulst.ac.uk/faculty/science/erg/home.htm).

June 24-28, 2001, Edinburgh International Conference Centre, Edinburgh, Scotland. Earth System Processes. This meeting, co-sponsored by the Geological Society of America, the Geological Society of London, the United States Geological Survey, the British Geological Survey, the University of Edinburgh, and the Edinburgh Geological Society, will focus attention on the two major themes that are most critical for advancing understanding of the way the planet works – earth system linkages and earth system evolution. Both themes will involve comparison with other planetary systems in the solar system and beyond. Registration begins November 2000. For additional information, please contact one of the following: GSA website (www.geosociety.org); GSL website (www.geolsoc.org.uk); Ian Dalziel (Ian@utig.ig.utexas.edu); Ian Fairchild (i.j.Fairchild@keele.ac.uk).

August 1-3, 2001, Australian National University, Canberra, Australia. The State of the Art in Phytolith and Starch Research in the Australian-Pacific-Asian Regions. For additional information, see the conference website at: http://car.anu.edu.au/conferenceannoucement.html

August 6-10th 2001, University of Nebraska, Lincoln. 7th International Conference on Fluvial Sedimentology. Registration and abstract submission can be done online at: http://www.unl.edu/geology/ICFS.html

August 23-28, 2001, Tokyo, Japan. 5th International Geomorphology Conference. For information and registration go to: www.soc.nacsis.ac.jp/ig/ig_hops/index.cgi.html

August 20-24, 2001, Whitehorse, Yukon. Canadian Quaternary Association (CANQUA). Anticipated fieldtrips on August 16-20 (Klondike Goldfields), August 22 (mid-conference field trips), and August 25-26 (Fort Selkirk sections). For preliminary information, contact John Storer jstorer@gov.yk.ca or see the conference website at: http://www.beringia.com/canqua/index.htm

August 23-28, 2001, Moscow State University, Moscow. 6th International Paleopedology Workshop. Themes will include paleosol-sedimentary sequences, magnetic properties of Quaternary and pre-Quaternary paleosols and sediments as paleoclimate indicators, polygenic models of pedogenesis in relation to Quaternary climate changes, biomorphs in paleosols, and paleopedology and archaeology. Contact: Elizabeth Sollerio-Rebolledo (fax: +52-56-22-43-17; sollerio@geologia.unam.mx).

August 26-30, 2001, Chicago, Illinois. 10th Archaeological Chemistry Symposium, American Chemical Society. The 10th Archaeological Chemistry Symposium will be held as part of the American Chemical Society Meeting in Chicago. Papers in all areas of chemistry applied to the study of archaeological materials and chemistry employed to answer archaeological problems will be considered. Past symposia have included discussions on a wide range of instrumental methods of analysis applied to inorganic, organic, and biological materials. Problems in archaeology addressed by chemistry have included provenance, technology, dating, and population migration, among others. Abstracts may be submitted through the ACS electronic submission system at http://acs.com/fex.com/oasys.htm. The deadline for submission is April 27, 2001. If you do not have access to a computer to submit the abstract, contact the symposium organizer by April 15, 2001. Registration information will be available in the June 2001 issue of Chemical and Engineering News and at http://www.acs.org/meetings. For further information contact: Kathryn A. Jakes, 1787 Neil Avenue, Columbus, OH 43210-1295 (tel: 614-292-5518; Jakes.1@osu.edu).

August 29-September 1, 2001, University of Newcastle Upon Tyne, UK. Archaeological Science 2001. Details of the conference and a preliminary programme can be found at: http://www.ncl.ac.uk/geography/conference/conference.html


September 2001. A Fiftieth Anniversary Symposium on Scientific Research in the Field of Asian Art. In 1951, Rutherford John Gettens came to the Freer Gallery of Art at the Smithsonian Institution and founded the Technical Laboratory. Using scientific methods for the study of works of art, Mr. Gettens and his colleagues advanced our understanding in a number of areas. The casting methods of the ancient Chinese and the physical nature of paintings (and pigments in particular) were subjects of notable work in the past, and today they continue to be active areas of research at the Freer Gallery. To mark the occasion of the fiftieth anniversary of scientific research at the Freer Gallery of Art, the Department of Conservation and Scientific Research will hold a symposium in late September, 2001. The theme of the program will be technical studies of Asian art. Presentations on recent scientific research on any type of art objects from Asian cultures will be considered. Those who are interested in giving a presentation are invited to submit an abstract for consideration. Funding to offset the speakers' travel expenses will be available. Speakers should plan on presentations of twenty-five minutes in length. The language of the symposium is English, although translation of presentations in other languages may be possible. Abstracts should be approximately 200 words in length. Submissions should be sent by mail or e-mail to the addresses given below. The deadline for submissions is December 31, 2000. Notification of acceptance will be made by January 31, 2001. Publication of the papers
following the symposium is planned. There will be no conference fee, but registration will be necessary. A preliminary schedule for the symposium will be announced in March, 2001. To request further information or a registration form, contact: Forbes Symposium 2001, DCSR, Freer Gallery of Art/Arthur M. Sackler Gallery, Smithsonian Institution, Washington, D.C. 20560 (e-mail: dcsr@asia.si.edu).

August 27-31, 2001, Aix-en-Provence, France. PAGES PEPH III Conference. “Past Climate Variability through Africa and Europe.” Contact: Dr. Catherine E. Stickley, Environmental Change Research Centre, University College London, 26 Bedford Way, LONDON WC1H 0AP (tel.: +44 (0)20 7679 5562; fax: +44 (0)20 7387 7565; e-mail: c.stickley@ucl.ac.uk; Internet: www.geog.ucl.ac.uk/ecrc/peph3/aux2001/).

September 19-22, 2001, Fribourg, Switzerland. 6th European Meeting on Ancient Ceramics (Ceramic in the Society). Organized by: Prof. Dr. M. Maggetti and Dr. V. Serneels, Institute of Mineralogy and Petrology, University, Prélles, CH-1700 Fribourg, Switzerland (tel.: ++ 41 - 26- 300 8920; fax: ++41 - 26 - 300 9765; e-mail: marino.maggetti@unifr.ch; vincent.frineels@unifr.ch; http: www.unifr.ch/mineral).

FRIENDS OF THE PLEISTOCENE FIELD CONFERENCES

Midwest Cell.

47th Midwest Friends of the Pleistocene Field Meeting. To be held Friday, June 1st to Sunday, June 3rd, 2001 in Thunder Bay, ON. Hosted by Dr. Brian Phillips and colleagues, Lakehead University.

The meeting will focus on the deglaciation of the borderland region and the associated paleoIndian presence. The interplay between Rainy River ice, the ice of the Marquette readvance, eastern outlets of Lake Agassiz and the sequence of lakes in the Superior basin will be highlighted. The Saturday field trip will explore the Arrow Lake / Whitefish corridor west of Thunder Bay. The Sunday morning field trip will go down the north shore to end in Grand Marais, MN. Accommodation will be in residences and townhouses on campus. Towards the end of January please visit the Department of Geography web-site at <http://www.lakeheadu.ca/~geogwww/geoghp.html for further details. Meanwhile, to ensure that the Midwest FOP database is up to date, please send any recent changes of e-mail or street address to bandjp@air.on.ca if you are interested in being on the mailing list for the First Circular.

FUNDING OPPORTUNITIES FOR GRADUATE RESEARCH

Jonathan O. Davis Scholarship Fund. Jonathan O. Davis, a prominent Quaternary geologist and geoarchaeologist (and active member of the Archaeological Geology Division), was tragically killed in an auto accident in December, 1990. The family and friends of Jonathan established an endowment that provides
Applications for the award should contain (1) a three-page letter from the applicant containing the specifics of the research and the analyses involved, (2) a curriculum vitae of the applicant, (3) a tentative table of contents for the dissertation, and (4) a letter of recommendation from the major advisor. The letter of application should contain detailed information on the research project, the kinds of analyses involved, the number of samples and analyses required, availability of samples with letter(s) of permission, if appropriate, and a discussion of the importance of the analysis to the proposed research. This letter should also provide a timetable for research and completion of the project. Discussions with the lab staff are recommended prior to application to ensure that the project meets award criteria and employs services available in the Laboratory for Archaeological Chemistry. There is no form for applications.

One award will be made each year consisting of analytical services involving elemental or isotopic measurements available with Laboratory for Archaeological Chemistry instrumentation. The lab encourages students to participate in analyses, where possible, in order to learn and understand the methods employed. The award will be made by the staff of the Laboratory for Archaeological Chemistry, and major criteria for selection will be the significance of the research question, feasibility of the project, and impact on the student and the field. Deadline: January 1st for awards beginning in September 1st of the same year. The award will be announced on March 15th each year. Awards should be appropriately acknowledged in any dissemination of results of the analyses, and copies of resulting publications should be provided to the laboratory for the files.

Questions and applications should be addressed to T. Douglas Price or James H. Burton, Laboratory for Archaeological Chemistry, University of Wisconsin-Madison, 1180 Observatory Drive, Madison WI 53706 USA; phones: 608-262-2575 (tdp), 608-262-0367 (jhb); fax: 608-265-4216; e-mail: tdp@facstaff.wisc.edu or jburton@facstaff.wisc.edu. For further information on the Laboratory for Archaeological Chemistry, please see our website at: www.wisc.edu/larch/aclab/larch.htm.

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NEW BOOKS AND MONOGRAPHS


**GEOARCHAEOLOGY: AN INTERNATIONAL JOURNAL**

There have been some changes in the editorship of *Geoarchaeology*. Rolfe Mandel is the new Editor-in-Chief, Paul Goldberg is Co-Editor, and Ofer Bar-Yosef is the Director of the Editorial Board.

*Geoarchaeology* is published bimonthly and has a broad interdisciplinary scope dealing with the understanding of archaeological sites, their natural context, and the material artifacts recovered from them. Manuscripts may include subjects from disciplines within the earth sciences (e.g., geography, pedology, climatology, geology, oceanography, geochemistry, geochronology, and geophysics) or those from biological sciences. The editors are particularly interested in manuscripts that bear upon site-formation processes. Rolfe encourages members of the Archaeological Geology Division to submit manuscripts. They should be sent to: Rolfe Mandel, Department of Geography, University of Kansas, Lawrence, KS 66045-2121 (tel.: 785-228-0571, fax: 785-228-0587).

Members of the Archaeological Geology Division and the Quaternary Geology & Geomorphic Division of GSA qualify for the group rate of $105/year. The rate for Division members outside North America is $153. The offer is for personal subscriptions only (subscription orders must include GSA membership number). Payment can be sent directly to: Subscription Dept., John Wiley & Sons, Inc., 605 Third Ave., New York, NY 10158. For subscription inquiries, please call 212-850-6645 or e-mail: SUBINFO@wiley.com. U.S. members should include appropriate state sales tax. Canadian members should add 7% GST, which Wiley is obliged to collect.

**A NOTE FROM THE NEWSLETTER EDITOR**

The AG Division newsletter is always better with your contribution. The two sections titled “News from the Membership” and “Featured Research” are good ways of letting other members know about your current research.

**PLEASE SEND ME MATERIAL FOR THE NEWSLETTER!!**

My e-mail address is: freeman@ucalgary.ca

**DIRECTORY OF GRADUATE PROGRAMS IN ARCHAEOLOGICAL GEOLOGY**

The Directory of Graduate Programs in Archaeological Geology and Geoarchaeology is published by the Archaeological Geology Division of the Geological Society of America. It is accessible through the GSA website (www.geosociety.org) under “Divisions, Sections, and Associated Societies” listed as “Archaeological Geology Division.” Rolfe Mandel took over the responsibility of updating Rip Rapp’s Directory. For a free hard copy of the Directory, contact Rolfe (mandel@falcon.cc.ukans.edu).

**SOCIETY FOR ARCHAEOLOGICAL SCIENCES**
The SAS exists for the purpose of bringing together those concerned with natural science applications in archaeology. It sees its principal role as fostering communication and interdisciplinary collaboration and cooperation. Regular membership in the SAS includes a subscription to the Journal of Archaeological Science (published by Academic Press) as well as a subscription to the SAS Bulletin. Regular membership is now $75/yr. For more information, write: SAS, Membership, Radiocarbon Laboratory, University of California, Riverside, CA 92521.

NOTES

Introducing two new books on Geoarchaeology:

Geoarchaeology in the Great Plains (University of Oklahoma Press), edited by Rolfe D. Mandel

The essays in this book provide historical overviews of geoarchaeological research in different regions of the Great Plains. The contributing authors (John Albanese, Joe Artz, Art Bettis, Reid Ferring, Vance Holliday, Rolfe Mandel, and David May) go beyond chronicling the history of geoarchaeology by explaining the driving forces and research questions that for over a century have brought geoscientists and archaeologists together in the Plains. Although the results of these collaborations are described in the essays, the primary focus is on the evolution of Plains geoarchaeology. The book also contains much substantive information about the late Quaternary geology and geomorphology of the Plains. Readers are exposed to all the major researchers, research projects, theoretical developments, and important sites that contribute to the present state of geoarchaeological knowledge in the Great Plains of North America. Also, because the book is framed as narrative, rather than data, nonspecialists in archaeology and the geosciences will find it approachable. Cost: $29.95 (paperback). To order the book, call toll-free 1-800-627-7377.

Earth Sciences and Archaeology, edited by Paul Goldberg, (Dept. of Archaeology, Boston University), Vance T. Holliday (Dept. of Geography, University of Wisconsin-Madison), C. Reid Ferring (Center for Environmental Archaeology, Institute of Applied Sciences, University of Denton)

Earth Sciences and Archaeology brings together contributions from an experienced group of archaeologists and geologists whose common objective is to present thorough and current overviews of the diverse ways in which methods from the earth sciences can contribute to archaeological research. Many areas of research are addressed here, including artifact analysis and sourcing, landscape reconstruction and site formation analysis, soil micromorphology and geophysical exploration of buried sites.

Archeology has benefited from geological methods in many ways in recent decades. However, in the past ten to twenty years, this informal collaboration between geologists and archaeologists has grown into a formal integration of earth science and archaeology on a significant scale. This book allows the contributors to assess where we are in terms of interdisciplinary research, which approaches work best in specific situations, and where this collaborative approach should progress to in the future. Kluwer Academic/Plenum Publishers

*Hardbound, ISBN 0-306-46279-6 December 2000, 514 pp. EUR 126.00 / USD 120.00 / GBP 83.00 Available in North American markets at a reduced price for course adoption when ordering six copies or more. Please contact Customer Services (Kluwer@wkap.com) for further details.

ON THE WEB


All the data layers have been compiled by the USGS as part of their National Atlas of USA project (http://www.nationalatlas.gov/), plus elevation and geology, easy to use Windows software, all the raw data from the USGS (over 500 MB of data), animation software showing plate tectonic movements (TimeTrek), access to a wealth of internet resources on the world's natural history.

See more and download demo: http://www.usatlas.net

CALIB on-line. The latest version of the radiocarbon calibration program CALIB 4.3 for Windows is now on-line. The program can now handle up to 3000 samples. Printing of the graphics has also been simplified. The program can be downloaded from our new Internet site http://www.calib.org/. Please follow the CALIB link to the downloadable versions and note the instructions for downloading and decompressing the Windows version there. A Macintosh version for G3/G4 platforms is also available. Radiocarbon users are also notified of the development of a marine reservoir correction database funded by the Institute for Aegean Prehistory. The database is also accessible at www.calib.org and is intended for use with radiocarbon calibration programs.

Operating instructions are given on the web page. If you have any comments or questions about CALIB, please send an e-mail to: Dr. Paula J. Reimer, School of Archaeology & Palaeoecology, Queen's University of Belfast, Belfast BT7 1NN, Northern Ireland, Phone: 44-(0)1232-273980, FAX: 44-(0)1232-315779, e-mail: p.j.reimer@qub.ac.uk, http://www.qub.ac.uk/archpal/staff/reimer

The North American Database of Archaeological Geophysics (NADAG) is a database and website that aims to promote use, education, communication, and a knowledge base of the practice of archaeological geophysics in North America. It is available on-line at: http://www.cast.uea.ac.uk/nadag/

Issue 19 of the INQUA Data-handling Newsletter is available at: http://www.kv.geo.uu.se/inqua. The issue includes notes on calibrating spore tablets (Lou Maher) and on an image database for diatoms (Ernest Joyn and Alexander Wolfe). There is also a link to a set of notes on data handling methods that summarize much of the work of the newsletter over the last decade or so.
The Dictionary of Quaternary Acronyms and Abbreviations has now reached over 1000 entries! It can be found at: http://www.ualberta.ca/~abeaudoi/cap/diction.htm

SEPASAL (the Survey of Economic Plants for Arid and Semi-Arid Lands) database is now available for searching via the Internet. SEPASAL focuses on wild and semi-domesticated useful plants of tropical and subtropical drylands. It includes information on more then 6200 useful dryland species, excluding major crops. For more information, and to gain access to the database, see SEPASAL’s homepage at: http://www.rbgkew.org.uk/crb/sepasal/ or e-mail sepasal@rbgkew.org.uk

The New Early Materials’ Forum (EMF) web pages are up and running at: http://www.ucl.ac.uk/archaeology/emf

The Early Materials’ Forum (EMF) is an informal meeting of people with an interest in the analytical study of archaeological and historical materials.

The web pages contain information about previous meetings and the details of upcoming meetings. The next meeting is scheduled for May 21, 2001, at the Institute of Archaeology, London. If you are interested in presenting a paper or just attending, please refer to the web pages for details.

Terrain Sciences Division of the Geological Survey of Canada is pleased to announce additions to the content of its website at: http://sts.gsc.nrcan.gc.ca/

1. Several dozen new images, particularly from western Canada, have been added to the popular Canadian Landscapes pages.
2. A Recent Publications page now lists GSC publications by Division staff during the last few years, and is hot-linked to the GSC Bookstore.
3. A web-based version of the Environmental Atlas of the Beaufort Coastlands has been added. Compiled by Dr. Bernie Pelletier, research scientist emeritus with Terrain Sciences Division, this section provides excerpts of selected topics that are covered by the full Atlas, to be released by the GSC at a later date. The Atlas can be reached from the main page via the Science and Projects menu, or directly at:
   http://sts.gsc.nrcan.gc.ca/tsdsvr/projects_new_gr.htm

A major concern in the western Arctic is the impact that global warming will have on the environment. The Atlas highlights aspects of the biophysical environmental, including permafrost, coastal erosion and wildlife, that may be particularly sensitive to climatic changes. It is also designed with a view toward understanding wildlife as a sustainable resource for the people of the region.

The Atlas has been prepared by staff of the Geological Survey of Canada in collaboration with several agencies, including Environment Canada, Fisheries and Oceans Canada, Natural Resources Canada, Indian and Northern Affairs Canada, the Canadian Museum of Civilization, and the National Energy Board of Canada. The Canadian Hydrographic Service, the Canadian Wildlife Service, Meteorological Service of Canada, and the Canada Centre for Remote Sensing have also contributed.

For those interested in the Quaternary of Australia, the Australasian Quaternary Association (AQUA) has a new website at:

The site contains information on the organisation, forthcoming meetings, awards, jobs, conferences and publications. There are back issues of the organisation’s journal ‘Quaternary Australasia’ which acts as a newsletter and publishes short articles.

AQUA also maintains the mailing list ‘AQUAlist’. AQUAlist is used to notify members of the Quaternary community of job vacancies, upcoming conferences, funding opportunities and new research, especially where pertinent to Australia. More information is available on the web page.

NEWS FROM THE MEMBERSHIP

George (Rip) Rapp (University of Minnesota-Duluth) made the news recently for his discoveries of the ancient cities of Song and Huanbei in China. Rapp has been working on the sites for several years with the help of his colleagues, Jigen Tang (Anyang Archaeological Station) and Zhichun Jing (University of Wisconsin-Madison). The project has been supported by grants from the Henry Luc, National Science, and Malcolm H. Wiener foundations. An international conference on the project and exhibition of Shang artifacts is being planned for Minneapolis in 2003.

Ed Hajic completed a GIS landform – sediment assemblage map of the Illinois River Valley for the Illinois State Museum to be used by the U.S. Army Corps of Engineers, Rock Island District, for cultural resource and other management purposes. The mapping utilized techniques and protocols modified from previous mapping of a number of major Minnesota river valleys by Hajic and Curt Hudak of Foth & Van Dyke Inc. for the Minnesota Department of Transportation. GIS mapping of landform-sediment assemblages of the Upper Mississippi basin,
pioneered by Art Bettis for the Rock Island District reach of the Mississippi Valley, and mapping technique refinement, continue as Hajic is beginning to map and field check a reach of the Mississippi Valley above the Twin Cities.

Hajic will continue his work at the Big Eddy stratified PaleoIndian site in Southwest Missouri for Southwest Missouri State University and the Kansas City District of the U.S. Army Corps of Engineers. Although the 2001 excavation season will focus on the Late Archaic component, Hajic also will be doing preliminary stratigraphic assessments of other PaleoIndian sites in the Sac River Valley with SMS archaeologists Neal Lopinot and Jack Ray. Rolfe Mandel (U. Kansas) will be working at the site vicinity with Hajic, and Art Bettis (U. Iowa) will conduct more stable carbon isotope analyses of the Big Eddy sequence. Art also has students who will be conducting thesis and dissertation fieldwork this summer in the Sac River Valley and Big Eddy vicinity.

IMPORTANT NEWS REGARDING YOUR AG DIVISION NEWSLETTER

The Geological Society of America has been pressing all Divisions to have members access their newsletter via the internet. At present, the Management Board has decided to send both paper and electronic copies to all Division members. If you wish to decline a paper copy, please contact me: Andrea Freeman, AG Division News Editor, Department of Archaeology, University of Calgary, Calgary, AB T2N 1N4 CANADA (tel: 403-220-2792; fax: 403-282-9567; e-mail: freeman@ucalgary.ca).