



INSTITUTE OF ARCHAEOLOGY HORN ARCHAEOLOGICAL MUSEUM

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MPP 1998

The Madaba Plains Project will return to Jordan in June, 1998 for its seventh season of excavation. Current research centers on Tell Hesban, Tell el-'Umeiri, and hinterland survey.

Øystein S. LaBianca, Andrews University, will coordinate work at Hesban while Paul J. Ray, Jr., Andrews University, will serve as chief archaeologist. Goals for this season include opening two new fields. On the eastern side of the site, workers will be examining the stratigraphic sequence of the tell. Another field will investigate the northeastern corner tower of an Ayyubid-Mameluke caravanserai. Digging will resume in the cave complex on the southwestern shelf of the site where remains of subterranean dwellings date from the Iron II through the Late Islamic periods. A water-harvesting survey targeting the Hesban vicinity will investigate ancient water collection structures and examine how the local topography has functioned in catchment systems.

Larry G. Herr, Canadian University College, will direct the Tell el-'Umeiri excavation. Teams will be working in five areas this summer. Field A will investigate the upper western slope in search of an Early Iron I wall and gate system. Field H will be working to define the limits of the Late Iron II/Early Persian administrative structure. Field B will illuminate the Iron I remains north of the four-room house uncovered in earlier work. A new area, Field L, will be opened on the southern end of the tell where previous work suggested the presence of a case-mate wall and gate. Examination of the dolmen burial will continue in Field K.

The hinterland survey, headed by Gary L. Christopherson, University of Arizona, will continue exploring a five kilometer radius around Tell Hesban, documenting archaeological sites. Tell Jalul will resume excavations in 1999. (Jennifer L. Groves)

INSTITUTE OF ARCHAEOLOGY
HORN ARCHAEOLOGICAL MUSEUM
NEWSLETTER

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David Merling	Asst. Editor
Randall W. Younker	Asst. Editor
Philip R. Drey	Asst. Editor

The Newsletter is published four times a year by the Institute of Archaeology, Andrews University. Annual subscription price is \$7.50. Museum membership, subscription, and editorial correspondence should be addressed to the Horn Archaeological Museum, Institute of Archaeology, Andrews University, Berrien Springs, MI 49104-0990, Telephone (616) 471-3273, FAX (616) 471-3619, EMAIL hormusm@andrews.edu.

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Hesban crew from Field D, Square 7.



Questions? Comments?

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Staff at Annual Meetings

Museum and Institute personnel joined thousands of other scholars from across the world at the annual meetings of several archaeological societies in November.

The American Schools of Oriental Research convened in Napa Valley, CA. Randall W. Younker, IA Director, and David Merling, HAM Curator, presented the results of the 1996 season at Tell Jalul. Øystein S. LaBianca and Paul J. Ray, Jr., both of Andrews University, reported on recent excavations and restoration at Tell Hesban. In a separate presentation, LaBianca also discussed tribal kingdoms in Iron Age Transjordan.

The Near East Archaeological Society met in Santa Clara, CA. Merling presided over a symposium on "The Archaeology of Transjordan and the Bible." Ray participated in the symposium by discussing the ancient site of Dibon in its archaeological and historical setting.

The Society for Biblical Literature met in nearby San Francisco, where Younker presented a paper on Moabite social structure.

LaBianca delivered a joint paper with Richard Davidian, Loma Linda University, for the American Anthropological Association meetings in Washington, D.C. Their presentation, "*Homo Integraticus*: Toward an Ideal

Type to Counter That of *Homo Economicus*," discussed ways in which anthropologists can more effectively communicate with the business public to express concerns about the preservation of cultural diversity. (Jennifer L. Groves)



Grant Awarded

The Institute is proud to announce the reception of a \$19,750 grant from Versacare. Versacare is a Seventh-day Adventist non-profit organization that supports educational and mission outreach programs.

The Institute applied for the grant at the suggestion of Robert S. Folkenberg, President of the General Conference of Seventh-day Adventists. The grant will be used to purchase a digital camera, Digital Image Projector, and accessories such as lenses and software.

The camera will be used during excavations to take photos of fieldwork and objects. A digital camera negates the need for a traditional darkroom set-up. Photos are taken and stored as digital images on a memory card inside the camera. The images are then transferred to a computer where they can be manipulated and stored in the computer's memory just like any other file. Digital images may also be burned directly onto CD or used in conjunction with a Digital Image Projector to display images

from a computer on a large screen for public presentations. (Jennifer L. Groves)



Scholars Visit

Several scholars have utilized the Museum collection and archives over the past few months. Joseph A. Greene, Director of the Harvard Semitic Museum, and Cherie Lenzen, pottery director for the Umm el-Jimal project, browsed through the Nelson Glueck archives in December.

Two scholars visited the Institute in October. Karen A. Borstad, University of Arizona and designer of the MPP database, worked on facilitating the transfer of data between the MPP and the Horn Museum databases. The information gathered from excavation may be transferred directly into the Museum database. In addition, Borstad assisted in revising the excavation manual and the locus sheets so that they are compatible with the MPP database.

Markus Hilgert, University of Chicago, studied the cuneiform tablet collection, collating seven tablets from the Ur III period (2100-2000 BCE). (Jennifer L. Groves)



Lecture Series

Randall W. Younker, IA Director; David Merling, HAM Curator; and Lael Ceaser, Andrews University; conducted a lecture series titled "Digging in King Solomon's Ruins Without a Shovel." The series was part of a community outreach effort hosted by Pioneer Memorial Church on the campus of Andrews University. Younker, Merling, and Caesar presented nine lectures that focused on exploring recent evidence from famous biblical sites. More than 50 people attended each presentation. (Erin Westfall)



Focus on Madaba

The annual meetings for the American Schools of Oriental Research were held in Napa Valley, CA in November. Douglas R. Clark, Walla Walla College, presided over two symposia that dealt specifically with the Madaba Plains region. Senior Project Director Lawrence T. Geraty, La Sierra University, offered a "state-of-the-project" address. The Iron I period at Tell el-'Umeiri was summarized by Larry G. Herr, Canadian University College.

Other participants included: Gary L. Christopherson, Jon A. Cole, Timothy P. Harrison, Chang-ho C. Ji, Gloria A. London, Bradley Matson, Gerald A. Sandness, Douglas W. Schnurrenberger, and Richard P. Watson. (Erin Westfall)



KRP in 1997

In 1997 the Karak Resources Project (KRP), directed by Institute friend Gerald Mattingly, completed a second season of research on central Jordan's Karak plateau. In 1995, research focused on regional scientific studies and archaeological survey. In 1997, the KRP team added excavation to its research strategy.

Excavation focused on the site of al-Mudaybi', southeast of the modern town of Karak. Al-Mudaybi' was chosen because it is well-preserved but threatened by development. Its location on the "desert fringe" of the plateau provides an opportunity for studying the use of natural resources in a semi-arid environment. The site must have served as an administrative center for the tiny Moabite kingdom; its strategic situation was advantageous for both military and commercial interests.

In the first of at least three excavation seasons, KRP opened a total of

six 6 m x 6 m squares in two archaeological fields, A and B. Each field was composed of three squares. Field A stretched across the site's northern, Iron Age wall into a later "acropolis." It yielded materials which date from the Late Byzantine through Late Islamic periods.

Field B remains dated primarily to Iron Age II and were dominated by a monumental city gate. The gate originally included at least four large, elaborately carved "proto-Aeolic" capitals and lintels. It appears that the closest parallel to the new gate at al-Mudaybi' is the Iron Age city gate at Beersheba III, dated to the 9th century B.C.

(edited from communication with Gerald L. Mattingly, Johnson Bible College)



Map Restored

Visitors to the Horn Museum will notice the recent improvements to the round table model of Jerusalem, thanks to the efforts of Robert Little, former professor at Andrews University and long-time supporter of the Horn Museum. The model is a focal point of the museum exhibit, due in

part to its sheer size (6.5 feet in diameter, 3 feet high) and for its naturalistic representation of Jerusalem at the turn of this century.

Little is focusing his efforts on re-touching the edges of the three-dimensional map, areas where the paint has chipped during the moving and storage of the century-old model. The map was created by modeling plaster of paris on a rope foundation.

The museum acquired the model from the Hartford Theological Seminary Foundation in Connecticut in 1973. Upon its arrival at Andrews, it was first housed in the lower level of the James White Library, the first home of the museum. The map was refurbished in 1980. J. Bjørnar Storfjell, Andrews University, and James K. Brower, former Systems Analyst at the HAM, also constructed its current base at that time. When the Museum moved out of the library to its present location in 1982, the map remained in the James White Library but was moved upstairs to the Seminary Reference Library where it was displayed for several years. It was moved to its current location in the Museum exhibit in 1991. (Jennifer L. Groves)



Robert Little restoring Jerusalem map.

Yunker and Merling Publish

Randall W. Yunker, Institute Director, and David Merling, Horn Museum Curator, recently had several scholarly articles printed in quality publications.

"Moabite Social Structure," written by Yunker, appeared in the December 1997 issue of *Biblical Archaeologist*. In this article, Yunker argued that the ancient "kingdom" of Moab always retained a degree of tribalism within its social structure. Yunker's research, grounded in current archaeological, ethnographic, and textual evidence, suggested that Moab should be viewed as a "tribal kingdom" rather than a "true state," such as those in Mesopotamia.

Merling contributed a number of articles to *The Life and Times Historical Reference Bible* (Thomas Nelson Publishers, 1997). Hundreds of articles and study notes throughout this reference tool help illuminate and illustrate biblical passages. Merling's contribution of 65 articles places the Old Testament text in its ancient Near Eastern cultural setting. His entries elucidate, among other topics, the use of flint knives, millstones, metals, the *Urim* and *Thummim*, and the custom of wearing ashes as a sign of mourning. (Jennifer L. Groves)



Shea Honored

The festschrift honoring William H. Shea, *To Understand the Scriptures: Essays in Honor of William H. Shea*, was presented to him during the annual meeting of the Near East Archaeological Society. The evening reception was held at the Mt. View Central Seventh-day Adventist Church in Mt. View, CA, on Novem-

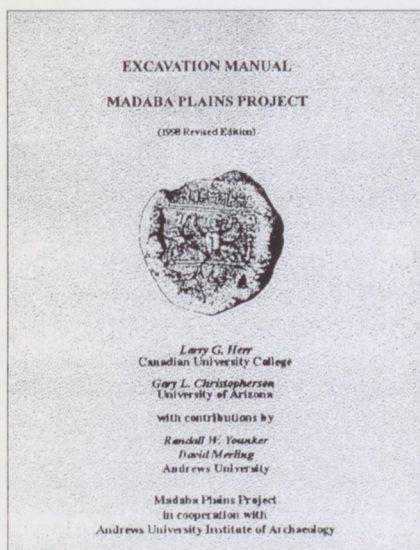
ber 20. David Merling, editor of the book, presented the volume to Shea before a crowd of approximately one hundred people.

Shea has served as the Associate Director of the Biblical Research Institute for the General Conference of Seventh-day Adventists in Silver Spring, MD, for the past 11 years. Previously, he taught at the Seventh-day Adventist Theological Seminary on the campus of Andrews University. He also served in a variety of capacities ranging from chair of the Old Testament department to acting Director here at the Institute. He received his Ph.D. in Near Eastern Studies from the University of Michigan in 1976 under the tutelage of George Mendenhall and David Noel Freedman. He has avidly pursued both biblical studies and Near Eastern archaeology throughout his career.

Twenty-five scholars contributed to the festschrift with articles focusing on the Hebrew and Greek Scriptures as well as archaeology. Nine contributors wrote on the Book of Daniel, one of Shea's favorite topics. This eclectic mix is a fitting symbol of the breadth and depth of Shea's own career. If you are interested in a copy, please contact the Institute for further information. (Jennifer L. Groves)



William H. Shea



Manual Revised

Archaeological Publications of the Institute of Archaeology is pleased to announce the availability of the newly revised 1998 *Excavation Manual: Madaba Plains Project*, by Larry G. Herr and Gary L. Christopherson.

This version of the manual incorporates three chapters. The first two chapters, written by Herr, are similar in content to the previous edition of the manual. The chapters include the Procedures of Excavation as well as the Handbook of Recording Procedures. Both chapters outline excavation methodology and data collecting.

A third chapter, written by Christopherson and Herr, was added to this edition. Procedures of Survey details survey techniques and methodology.

Fully illustrated and indexed, the manual also contains a glossary defining archaeological terminology. Excavation and survey locus sheets designed to be used with the manual are also included. Contact Archaeological Publications for further information. (Philip R. Drey)



HAM Visitors

The Museum welcomed more than 280 local and international visitors over the Fall quarter. Fifty members of the East Brazil Union Conference of Seventh-day Adventists toured the exhibits during their trip to Andrews University. A local chapter of the Big Brothers program and 49 high school students from Buchanan, MI, were among the local visitors. Several members from the American Bible Society viewed the exhibits. In addition to these groups, 140 individuals toured the Museum.

During Winter quarter, 229 people visited the museum. Groups included classes from Southwestern Michigan College, Grand Rapids Baptist Seminary, and Kincheloe Elementary school in Dowagiac, MI. Other local groups included Girl Scout Troop 546 from Berrien Springs and the "Prime Timers" senior citizens from the First Church of God in St. Joseph. In addition to these visitors, a total of 126 individuals also toured the exhibits. (Erin Westfall)



Publications Director

The Institute of Archaeology is pleased to announce that Jennifer Groves has been appointed to the position of Director of Archaeological Publications. She replaces Ralph Hendrix who left us last October. Jennifer has long been associated with the Institute and its archaeological projects. While an undergraduate student majoring in English at Andrews University, she began working at the Institute of Archaeology as a student assistant. She soon joined the Madaba Plains Project as a volunteer and redirected her career into archaeology. She subsequently spent several seasons excavating at different sites, including Tell Jawa South in Jordan and Tel Gezer in Israel. She is currently a Field Supervisor for the Tell Jalul excavations (part of MPP). After doing some graduate work in archaeology at Andrews, Jennifer moved on to the University of Arizona where she earned an M.A. in Near Eastern Studies under the guidance of



Jennifer L. Groves

William G. Dever. She is currently a Ph.D. candidate in the same program. With Jennifer's extensive background in both English and archaeology we believe she will be a real asset to the publications department and we look forward to her leadership there! (Randall W. Younker)



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RANDOM SURVEY

The HAM Lecture on *New Evidence of the Ruebenites and Excavation Opportunities in Jordan and Palestine*, originally scheduled for March 9, was postponed due to inclement weather. The lecture has been rescheduled for April 6 at 8:00 pm and will be held at Andrews University in the Seminary Hall Chapel. Presenters include Øystein S. LaBianca; Paul J. Ray, Jr.; Malcolm B. Russell; and Randall W. Younker.

The staff of the Institute of Archaeology wishes to express their sympathy to the family of Craig S. Willis. We would also like to thank them for their generous donation, given in memory of a beloved husband and father. Craig Willis received an M.A. in Archaeology from Andrews University under the tutelage of the late Siegfried H. Horn and was serving as Associate Director of Adventist Information Ministries at the time of his passing.

The Publications department apologizes for the lateness of this Newsletter. Due to changes in staffing and software, the publication was delayed and it was decided to combine the Fall and Winter issues. Volume 19.2, Spring 1998, should appear in June. Thank you for your patience!

Larry G. Herr, Director of the Tell el-'Umeiri excavations, has recently published two papers on the Late Bronze and Iron Ages. Herr's chapter "Tall al-'Umayri and the Madaba Plains Region During the Late Bronze-Iron Age I Transition" appears in *Mediterranean Peoples in Transition*, edited by S. Gitin, A. Mazar, and E. Stern (pp. 251-264, Israel Exploration Society, 1998). Herr links 'Umayri with a cluster of sites that he believes are connected with the biblical tribe of Reuben. Herr's synthesis of the Iron II period in Palestine was featured in the September 1997 issue of *Biblical Archaeologist*. It summarizes current scholarly views on the Iron II period in Palestine and Transjordan.

David Merling, HAM Curator, chaired a session of meetings on the role of women in the Hebrew Bible. The session took place at the joint regional meetings of the Midwest American Oriental Society, American Schools of Oriental Research, and the Society for Biblical Literature in Milwaukee in February. His own contribution to the session, "Rahab: The Woman Who Fulfilled the Words of YHWH," was well-received.

NEWSLETTER



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