



The Institute of Archaeology

HORN ARCHAEOLOGICAL MUSEUM

SUMMER 1985 ARCHAEOLOGY CONFERENCE

A one-week conference of biblical archaeology is being planned on the Andrews University campus July 8-11, 1985 - a first for the Institute of Archaeology according to its director Larry Geraty.

Its object is to examine and present an up-to-date review of archaeological research related to the Bible in a way that will be useful to ministers, teachers, students and interested laypeople. The dates are to accommodate delegates to the General Conference Session of Seventh-day Adventists meeting in New Orleans until July 7. Those wishing to take advantage of the conference can travel to Michigan that Sunday.

The conference itself will have daily sessions running from morning through evening and focusing on archaeology and the centralities of faith; biblical cities and recent discoveries (Ebla, Umeiri, Caesarea, etc.); "ark-eology" and other sensations (Noah's ark, the ark of the covenant, Shroud of Turin, etc.); making archaeology relevant in pastoral-evangelistic work (using art and artifacts in multi-media to help reach professionals, etc.).

Invited instructors for the conference will include such noted archaeologists as Siegfried H. Horn (retired), Kenneth L. Vine (Loma Linda University), Larry G. Herr (Canadian Union College), Keith N. Schoville (University of Wisconsin-Madison), James K.

Hoffmeier (Wheaton College), possibly Edwin R. Thiele (retired), and a noted scholar with fresh news from Israel. Andrews University Institute of Archaeology participant-speakers will include Lawrence T. Geraty, William H. Shea, Abraham Terian, J. Bjørnar Storfjell, Øystein LaBianca, W. John Hackwell, and others.

Three hours of optional academic credit will be available to a regular tuition fee; otherwise pre-registration for the conference (entrance and materials) is only \$59; on July 8 the registration fee will go up to \$69. For further information please contact the Institute of Archaeology, Andrews University, Berrien Springs, Michigan 49104; phone (616) 471-3273.



SUMMER 1985 BIBLE LANDS TOUR

A 21-day guided tour of Jordan, Israel, and Egypt called "In the Footsteps of the Exodus" has been scheduled by the Institute of Archaeology for July 13 to August 2, 1985, according to its Director Larry Geraty. The last such tour sponsored by the SDA Theological Seminary took place in 1975 immediately following the General Conference Session of Seventh-day Adventists in Vienna, Austria. This trip, too, has been planned so delegates to this year's G.C. Session in New Orleans can take

advantage of this unique opportunity to travel with recognized authorities. Ministers, teachers, students, and interested laypeople are also welcome to apply for a limited number of spaces on the tour.

Some of the sites the study tour will visit include the following:

JORDAN: Amman, Jerash, Umeiri, Madaba, Heshbon, Nebo, Dibon, Arnon, Kerak, Machaerus, Bozrah, Petra.

ISRAEL and the WEST-BANK: Jerusalem, Hebron, Beersheba, Arad, Masada, Ein Gedi, Qumran, Bethel, Ai, Shiloh, Mt. Gerizim, Ebal, Samaria, Dothan, Megiddo, Nazareth, Tiberias, Capernaum, Hazor, Dan, Meiron, Haifa, Dor, Caesarea, Tel Aviv and more.

EGYPT: Suez, Cairo, Giza and the pyramids, Saqqara/Memphis, Luxor and The Valley of the Kings; Mt. Sinai optional.

The tour guide will be Lawrence T. Geraty, Professor of Archaeology and History of Antiquity at Andrews University, who has lived and worked in the Middle East and is an authority in the fields of archaeology and biblical studies. The tour escort will be W. John Hackwell, field representative of the Institute of Archaeology and an experienced pastor-evangelist.

Five hours of optional academic credit will be available for a regular tuition fee; otherwise the total cost of the tour round trip from Chicago is \$2,190. This includes airfare, ground transportation, entrance and guide fees, 5 star hotels, and at least 2 meals a day. Bookings can be secured

**INSTITUTE OF ARCHAEOLOGY-HORN
ARCHAEOLOGICAL MUSEUM
NEWSLETTER**

Editor: J. Björnar Storfjell

Editorial Assistant: David Merling

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.

on a first-come, first-served basis for an immediate deposit of \$250. Balance will be due May 10, 1985. For further information please contact the Institute of Archaeology, Andrews University, Berrien Springs, Michigan 49104; phone (616) 471-3273.



MUSEUM EXHIBIT

Progress on the general exhibit is very encouraging and we want to take this opportunity to express our thanks to all those who have contributed towards its success. We thought that you would appreciate receiving an up-date on the current situation.

As you know, the intention of the basic design of the permanent exhibit, is to reflect the goals of the Museum by introducing visitors to the world of the Bible as illustrated by archaeological discovery.

The displays will focus on known historical personages and events, relating what is known of the life, times and other important characteristics of their culture.

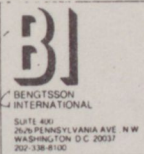
To achieve these goals the Museum engaged the services of Bengtsson International who are design consultants, and as a result of several preliminary studies the following concepts emerged.

The first phase of developing a permanent exhibit included the preparation of a layout, working drawings and specifications that met our unique design criteria. The accompanying sketch reflects that intention.

From this sketch you will note that the entrance to the Museum will feature a cluster of 'pole lamp'-style cases that will contain the most impressive and artistic



Chris White Design Associates
 209 West Myrtle Street, Alexandria, Virginia 22301 (703) 836-7436
 12/11/83
 12/11/83
 12/11/83



artifacts of successive chronological periods. These displays will serve to meet the needs of the more casual observer.

For those visitors with an in-depth interest in the exhibit, there will be an outer ring of multi-purpose display cases, that will contain the bulk of the Museum's collection of pottery, glass, weapons, coins and various objects.

The interior of the Museum will include a ceiling valance that will carry the main descriptive graphics for each period presented. Low voltage track lighting will be installed behind this valance to provide warm controlled lighting to all displays.

An eye level monochromatic mural, depicting various biblical scenes, derived from authentic archaeological evidence, will provide the backdrop to the main display. Below the mural, each period will be graphically illustrated with appropriate maps, charts and suitable commentary. Pottery and objects will be resting on the top of the cupboards which in turn will contain a variety of items that will be easily accessible for viewing.

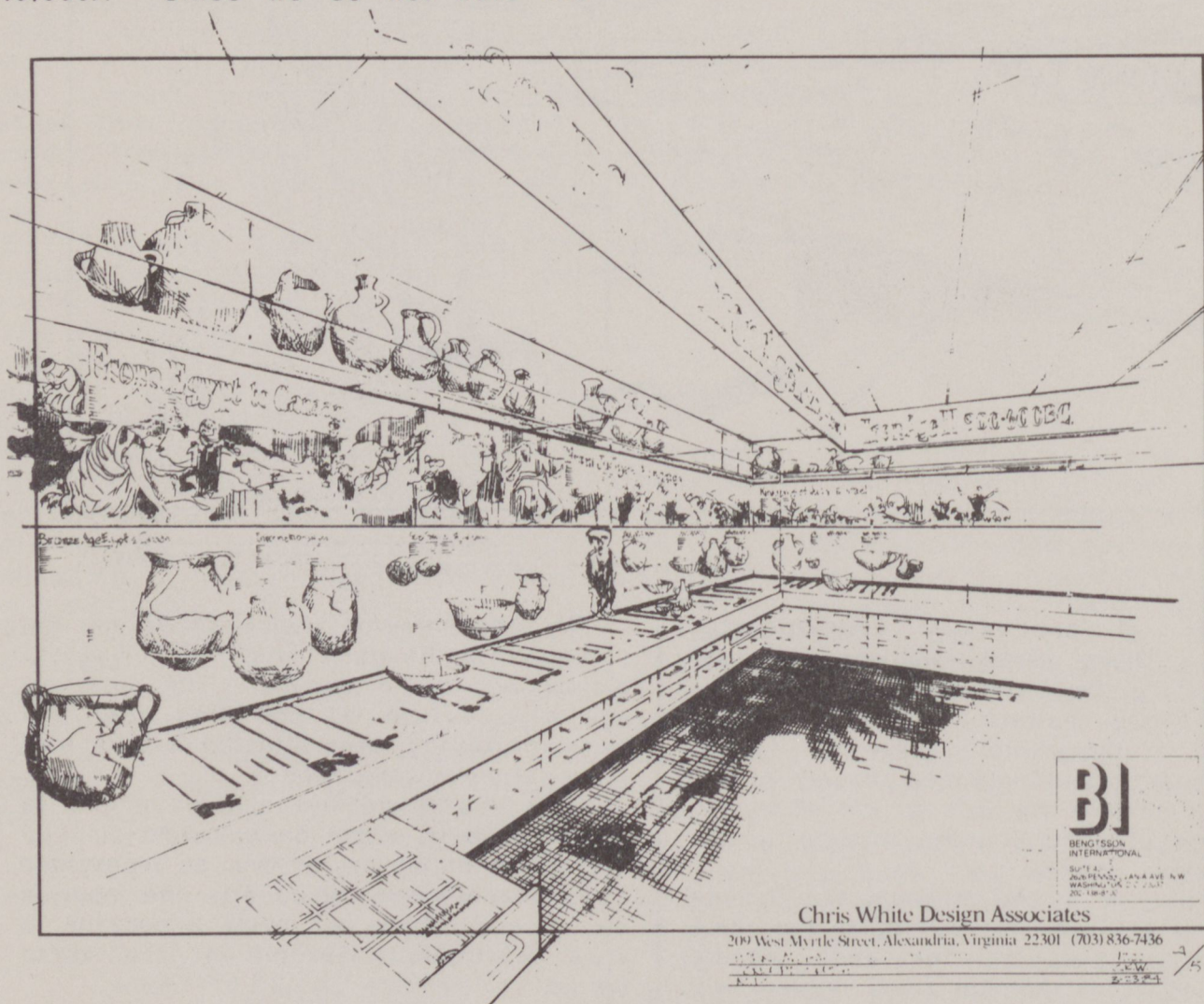
The side elevation sketch shows you the relationship between the mural, object display and the cupboards. The cupboard top will feature a time line that will synchronize the best attested events with their chronological period.

While the mural will enable visitors to the Museum to obtain an authentic pictorial impression of biblical history, as highlighted by archaeological discovery, the objects and pottery display will make it possible to view the specific examples from each period.

The design phase of any project is naturally not as financially demanding as the implementation of that project, and in this the Museum's permanent exhibit is no exception. However, we can report that much of the preparatory work has been completed. This includes the installation of a new panelled ceiling, painting and decoration and laying of carpet to the entire exhibit area. Track lighting has been ordered and this should be completed very soon. The preliminary drawings for the mural have taken shape, and several

people are involved with the task of selecting maps, charts and text which will be integrated with the archaeological finds in the main exhibit.

The most expensive aspect of the project is still ahead of us - that of fabricating the cabinets, silk screening the graphics and final installation (estimated at \$45,000). Since we do not have the



finances in hand to undertake this work, the Museum interior remains less than ideal.

We are seeking to explore several sources for funds, and we would certainly appreciate hearing from any Museum members who would like to take the responsibility for this final phase of the project.

- W. John Hackwell

SIGN, SYMBOL AND SCRIPT

What do hand-colored pages from a medieval Bible, a Japanese scroll and an American Army poster have in common? All three help tell the history of writing in "Sign, Symbol & Script: An Exhibition on the Origins of Writing and the Alphabet." This exhibition has been on display at the Horn Archaeological Museum since Jan. 2 and will remain through Mar. 17, according to Dr. Geraty.

The exhibition traces the history of writing from the earliest days of civilization. More than 300 artifacts on loan from museums and private collections around the world illustrate the universality of human efforts to record events and experiences. From the rocks, bones and clay tablets of earlier times to the typewriters, printing presses and computers in use today, each culture has developed a means of communication more permanent than speech Geraty said.

"Sign, Symbol & Script" explains how environment has influenced the development of writing tools and surfaces, explores the differences between various alphabets and traces the progression which led to today's alphabet. The exhibition is based on the continuing research of some of the world's foremost archaeologists, anthropologists, historians and linguists, according to Geraty.

Visitors find the exhibit divided into seven sections:

Section 1: The introduction defines writing and describes its significance and impact on culture. On display are a variety of writing materials and artifacts showing similarities of signs and their changing forms in various alphabets as they evolved.

Section 2: Development of Mesopotamian Writing Systems portrays the spread of writing and the adaptation of the script to other languages. Ancient texts and inscriptions show the development of non-alphabetic and alphabetic scripts.

Section 3: Development of Egyptian Writing depicts changes in hieroglyphics and development of cursive scripts. Hieroglyphics were used for monumental inscriptions and sacred literature while cursive forms were employed for more common forms of communication.

Section 4: Near Eastern Alphabetic Scripts represents several writing systems that spread with traders and colonists. These systems evolved from pictographs to linear sign using an alphabetic principle destined to become the world's dominant writing system.

Section 5: Alphabetic Scripts of the Classical World describes the development of the Greek and Roman alphabets and derivative forms used in western Europe.

Section 6: Development of Writing in Other Parts of the World highlights writing systems such as the non-alphabetic scripts of the Orient, Latin and North America.

Section 7: The Triumph of the Alphabet portrays the spread of the alphabet by commerce, conquest and religious commitment. The printing press, typewriter and computer contribute to the diffusion of the alphabet.

"Sign, Symbol & Script" was produced by the department of Hebrew and Semitic Studies at the University of Wisconsin, Madison, Wisc., and the Milwaukee Public Museum with grants from the National Endowment for the Humanities, the Wisconsin Humanities Council and other contributors. Its display at the Horn Museum is the result of a grant by the Michigan Council for the Humanities. The display will continue to travel through the rest of 1985 under the management of the Association of Science-Technology Centers.

A special series of lectures complementing the exhibit was developed by Dave Merling, assistant curator of the museum. The show and lecture series was opened on Wednesday, Jan. 2, with "Writing: Our Legacy from Antiquity", by Keith M. Schoville, professor of Hebrew and Semitic Studies at the University of Wisconsin and project director of the exhibit. In all, a total of 14 lectures are being presented during the exhibit's showing here. These lectures have brought such big names to Andrews as Denise Schmandt-Besserat, Aaron Demsky and Frank M. Cross, Jr. All lectures are being held in the Seminary Hall Chapel and have been very well attended.

"Sign, Symbol & Script" will be on display at the museum through March 17. Museum hours are 10 a.m. to noon and 1 to 5 p.m. Tuesday through Thursday; 1 to 5 p.m. on Saturday and Sunday, and

closed on Monday and Friday. There is no charge for admission to either the lectures or the exhibit, but groups of ten or more are encouraged to make reservations in advance for guided tours. For more information about the exhibit call the museum during open hours at 471-3273.

- John A. Sweigart

H

FRANK M. CROSS TO LECTURE AT ANDREWS

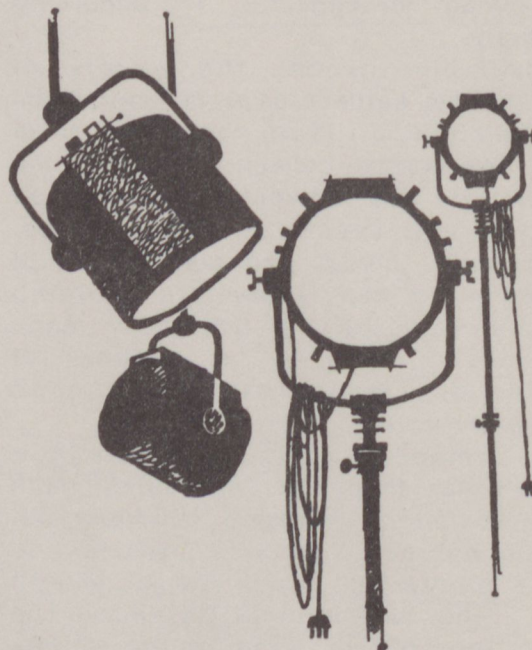
Frank M. Cross Jr., renowned author, lecturer and professor will present the next lecture in the "Sign, Symbol, Script" lecture series in conjunction with that exhibit at the Horn Archaeological Museum, according to Lawrence T. Geraty, director of the museum. The lecture title is "The Origin of the Alphabet, the Development of Early Hebrew Writing and the Democratization of Culture." It begins at 8 p.m. on Monday, Feb. 25 in the Seminary Hall Chapel at Andrews University.

Cross is a member of the international and interconfessional team of scholars which has been working on the Dead Sea scrolls. Currently he is editing the scroll of the book of Samuel from cave four at Qumran, Geraty said. Cross is also professor of Hebrew and other Oriental Languages and occupant of the Hancock Chair, Harvard University's third oldest endowed professorship.

Geraty pointed out that there will only be two lectures after this one before the end of the exhibit. Those lectures are: Robert Johnston, "How to Write Korean in 45 Minutes" on Thursday, Feb. 28 and Lawrence Turner, "Computers and Symbols: A Look at the Future", on Monday, Mar. 4.

- John A. Sweigart

ROLL CALL



STUDENT WORKERS

MARC GUTEKUNST

Marc Daniel Gutekunst works on the computer classification project of bones found at Wadi Tumilat in Egypt. Once the bones are classified, all of this information, along with the location description, will be entered on computer. Marc has put together a simple classification system to enter the 17,000 bones that were collected during four seasons of excavation in Egypt. This very detailed task will take two years to complete. From there, we will be better able to study migration and slaughter patterns.

Marc is a former student in zoology at Andrews University. He is now studying Dentistry at Emory University in Atlanta Georgia. Marc, a French citizen, was born in Rwanda, Africa and lived there for 20 years. He has two sisters, one is attending Andrews Academy and the other is studying architecture in Paris, France. Both of Marc's parents live in France.

JOAN MILLIKEN

This is Joan Milliken's second year of part-time work as an editorial assistant at the Museum. Her primary responsibility is to edit various manuscripts and reports, checking for such things as consistency, proper sentence structure and syntax, and grammatical accuracy. Much of this type of work is facilitated by the use of a word-processor. Presently, she is working on the final report on the zooarchaeological research on the animal bone finds from Hesban, Jordan.

Joan is a Junior at Andrews University, majoring in English and minoring in Psychology. Upon completion of her undergraduate studies, she plans to continue with her education, possibly working towards a Master's degree in Psychology or some aspect of counseling. Although born in Canada, Joan now lives with her parents and two sisters in Hinsdale, Illinois

LORI HAYNES

Lori Haynes started working at the Museum just this fall. She is working on the Wadi Tumilat project with Marc Gutekunst. This project, when completed, will help us to understand more about the agriculture of biblical Goshen. Lori works at a computer terminal entering bone data into the computer classification system developed by Marc.

This is Lori's first year at Andrews University, although she did attend one semester at Southwestern Adventist College (Keene, Texas) last year. Lori is taking the Health Psychology Concentration at Andrews, which is a relatively new field. She plans to work in some aspect of health care or health education after graduating and going on to obtain a Master's degree. Lori was born in Hutchinson, Kansas and has lived in Kansas all of her life. Her father and sister reside in Lincoln, Nebraska.

GREG FREEMAN

This is Greg Freeman's third year of working for the Horn Archaeological Museum. The past two years he worked with the word-processor entering research papers. This year he works in cartography both drawing and updating maps. Last summer, many ancient farmsteads and wine presses were located by a survey team within a 5 km. radius of Tell el-Umeiri, Jordan. He is presently working on a map of these sites.

This is Greg's third year at Andrews University and he is majoring in Architecture. He was born in St. Joseph, Missouri, lived in California for a time and now lives with his family in Pennsylvania. Greg has one brother and one sister, both of whom live at home.



MUSEUM RESTORATION FUNDS

On the back page of the *Newsletter* we will carry a chart indicating the progress in the acquisition of the funds needed to complete the restoration project of the Museum display area. Our goal is to see the plumb-bob of the archaeologist rest on the surface!

MUSEUM RESTORATION FUND



Siegfried H. Horn Archaeological Museum

Andrews University
Berrien Springs, Michigan 49104

Non-profit Organization
U.S. Postage
PAID
Permit No. 5
Berrien Springs, MI 49103

NEWSLETTER

Moving? Keep us Informed.