Exhibits Feature Fashions, Life in Universe, Ice Age

Three major exhibitions which have opened at the Smithsonian this fall take museum visitors on a stroll through American fashions of the past 200 years; on a trip through time to the beginnings of mankind; and on an awesome voyage to the edge of the universe.

The new exhibitions are:

- "Ice Age Mammals and the Emergence of Man," which opened September 13 as a permanent exhibit in the National Museum of Natural History.
- "Suiting Everyone," which opened September 21 at the National Museum of History and Technology where it will be on view through 1976.
- "Life in the Universe," which opened September 23 in the Arts and Industries Building and which will later be moved to the National Air and Space Museum.

"Ice Age Mammals and the Emergence of Man" has been described as the first of a "new wave" of exhibits at MNH. It traces the impact that the Ice Age's glacial onslaughts had on the face of the earth and on evolution of life.

On view in the hall are huge beasts that once dominated the earth, some of them standing 12 feet high: the giant plated armadillo, the woolly mammoth, the dipnoan, a marsupial 20 times larger than the kangaroo; and the giant sloth, an animal that browsed in trees for leaves and twigs, supported by the biggest pair of feet of any land animal that ever lived—three feet long.

Their remains have been reconstructed by Smithsonian scientists and exhibitors. They have been the subject of much controversy. Some scientists have been too quick to speculate that many of their creatures couldn't have survived the cold. Others have been more cautious, saying that the best way to test the validity of the reconstructions is to study the conditions that led to their extinction.

The exhibition features a model of a mastodon, a model of a mammoth, and a model of a sloth. These models are based on the best available evidence about the creatures that lived during the Ice Age.

The exhibit will remain on view until the fall of 1975.

Upward Mobility
Jobs Open at MHT

There are three Exhibits Aid positions (GS-3) at the National Museum of History and Technology to be filled under the Smithsonian's Upward Mobility Program with potential advancement to GS-7 exhibits specialist.

The incumbents will be trained to check condition of exhibits and provide the necessary maintenance. Candidates must be reliable, willing to learn and have interest in acquiring such skills as carpentry, joinery, painting, masonry and papier mache, and also able to perform moderate to heavy physical tasks. One year of responsible experience or one year of appropriate education is required.

For further information regarding these positions, please call the Office of Personnel Administration, extension 6545.

Open Season Set On Health Programs

An open season for the employees' health benefits program will be in effect from November 15 through 30. At that time employees who are not enrolled in a program may enroll, and those who wish to change from one plan to another or from one option to another may do so.

Shortly before the open enrollment season, an announcement will be issued to employees giving full instructions on how to enroll or make a change.

Opening night visitors view a parade of recent fashions in the 'Suiting Everyone' exhibit at the National Museum of History and Technology.
Statement by Dr. Porter Kier

Credit to those who worked on the new exhibit "Ice Age Mammals and the Emergence of Man" was given by Dr. Porter Kier, Director of the National Museum of Natural History, in the following statement he read at the formal opening of the hall.

This hall is the result of the labors of many within and outside the NMNH. In particular the following have played a vital role in the creation of this hall.

Clayton E. Ray and C. Lewis Gunter are responsible for the selection of the magnificent specimens of Pleistocene mammals. Dr. Ray supervised their preparation, and created the original plan for this hall. Although that plan has been changed, much of what is in this hall is the product of his efforts. The work of assembly of the specimens was carried out in the laboratory of vertebrate paleontology by Franklin Peace; John Ort; Leroy Glenn, Jr.; Sigismund Sweda; Gladywin Sullivan; Albert Myrick, Jr.; and G. Donald Guardagni. Elaine Anderson assisted in writing scripts and the acquisition of specimens.

The surreal murals were painted by Jay Mattimers. The chief consultants for the Hagerman mural were Claude Hibbard of the University of Michigan, E. B. Leopold and Harold Malde of the U.S. Geological Survey and John White of Idaho State University. Expertise for the Alaskan mural was provided by R.D. Guthrie of the University of Alaska; Bjorn Kursin of the Museum of Zoology at Uppsala, Sweden; Tom Prowse at Arizona State University; and William Tomsee of the Field Museum of Natural History in Chicago.

The following paleontologists at the American Museum of Natural History contributed specimens and expertise: Childs Frick, Harold E. Anthony, Malcolm C. McKenna, Bobb Schaefer, Richard H. Tedford, Morris F. Skinner, Beryl Taylor, and Ted Galusha. Specimens also came from the South Australian Museum; Deya Archeological Museum, Spain; Mineralogisch-Geologisches Institut, Rijksuniversiteit Utrecht; Carnegie Museum, Pittsburgh; and Naturhistorisches Museum, Switzerland. Mr. Jose Fenykowiak offered funds for the purchase of the dwarf mammoth skeleton. John Guilford, Walter Aschenberg, and A. Gordon Edmund were consulted on various Pleistocene specimens.

Robert Emery of the NMNH staff and Frank Whitemore of the USGS provided scientific guidance in vertebrate paleontology during the planning and production phases of the exhibit. Thomas Simkin advised on the geology displayed in the hall. William Fitzhugh is responsible for the anthropological aspects of the exhibit. I particularly thank John Yellen and Alison Brooks for their valuable assistance in the Neanderthal burial scene including a visit by Vernon Rickmann to the NMNH. The Neanderthal figures were sculptured by Vernon Rickmann under the scientific supervision of Lawrence Angel, John Yellen, and Alison Brooks. The reconstruction of the Palaeolithic section of this hall required diversity of knowledge and skills in modeling and casting. Stone tools, bones and figs were cast and the reproduction of four living floors was accomplished by the following model makers in the Office of Exhibits-Central under the supervision of John Babak: William Donnelly, Walter Sorell, Walter Heck, Michael Fillimo, Bruce Hough, Reginald Sayre, John Schull, Shirley Susan, Sarah Wallace, and Sally Schaeffer.

The depositions of tundra and boreal forests that you will see behind the North American mammals were painted by Wilma Riles with scientific guidance from Stanwyn Shelker and Leo Hickey. Karen Loveland, John Hillier and Thomas Simkin are responsible for the slide show.

The fabricating of the hall itself was under the supervision of Karl Jerick, and included the efforts of the following craftsmen: Wilba Seymour, Thomas Husey, Dene Fiedler, Raymond Jones, John Ondish, Alfred Pearson, and Arthur Stebbins.

The labels, graphics, screen art, and photo mounting are the work of the Graphic Production staff, under the supervision of Carl Alexander, consisting of the following artists: Algie Porter, Toussaint Wallace, Thomas Thill, Patricia Powell, and Beverly Banks the writer.

The scientific planning of the hall re­ served for Carl Alexander, consisting of the following artists: Algie Porter, Toussaint Wallace, Thomas Thill, Patricia Powell, and Beverly Banks the writer.

Women's Week Activities—Several of the participants in the opening program of the second annual Women's Week at the Smithsonian on August 26 were (in right photo above, from left) Archie D. Grimmert, Director of the Office of Equal Opportunity; Wilma Scott Heide, guest speaker who was twice elected president of the National Organization for Women; Richard L. Ault, Director of Support Activities; and Julian T. Euell, Assistant Secretary for Public Service. In photo above left LaVerne Love, Women's Program Coordinator is seen with Ms. Heide. Among the varied activities of Women's Week was a "Future Planning Workshop" held during the first two days. Pictured is Vincent L. MacDonnell, Director of Training, during a workshop discussion (see next column). The purpose of the workshops was to provide an opportunity to clarify life and career goals and to enable participants to exercise responsibility over their plans.

Workshop, Panels Highlight Women's Week Activities

During the SI Women's Week, August 26-30—the Office of Personnel Administration, through its Employee Development and Training Office, offered a workshop and seminars on each day of the week-long program.

On August 28 and 27 a 16-hour, in­ depth workshop on career planning was offered to 20 SI women under the direction of Vince MacDonnell, Director of Training; Ms. Brenda Howell of the Personnel staff, and Ms. Mary Talley who was here on loan from the Department of Health, Education and Welfare. The participants are planning a follow-up session this month to check on the progress of their career plans.

On August 28 a training opportunities seminar was held in the Baird Auditorium with members of the University staff explaining the avail­ ability of the opportunities by the SI Training Office and representatives of the University of Maryland Open University as well as a member of the Southeastern University faculty.

A lively exchange of ideas and informa­ tion took place on the 29th in a seminar which presented the role, functions and services of the Office of Personnel Administration. A panel from the Personnel Office consisting of Ronald Becker, Assistant Director of Personnel for Man­ power Planning, Barbara Motler, Chief, Recruitment and Placement; Sara Hayes, Personnel Management Specialist; Dorothy Lewis, Employee Relations Officer, and Mr. MacDonnell answered ques­ tions from the audience regarding Personnel policies and practices.

On August 30 the Training Office con­ ducted a seminar for Supervisors. The seminar was a follow-up on those who had attended the course "Supervisor's Role in EEO." The supervisors heard Mr. MacDon­ nell cover the techniques of career counseling and supervisors' responsi­ bilities. Leo Hernandez, an Upward Mo­ bility Specialist from the National Institu­ tion for the Handicapped, discussed some of the problems faced by supervisors in trying to establish upward mobility programs for their employees and some practical suggestions for solving those problems. The last speaker was Robert Emery, Training Officer, U.S. Depart­ ment of Agriculture, who gave the super­ visors a more in-depth explanation of the Government Employees Training Act and sold them how they can use training to prove employee performance; get a job done better, or prepare their employees for different or bigger jobs. The seminar lasted three hours and was enthusiastically re­ ceived by those present. Similar seminars are planned for the future.

Station Manager At STRI Dies

Ernest Jay Hayden, 45, station manager at Barro Colorado Island died September 10 at Gorgas Hospital after a long illness. Mr. Hayden joined the Smithsonian at Barro Colorado Island. Through the years he played host to thousands of students and scientists working on the island.

Mr. Hayden was born in Augusta, Me. and joined STRI after more than 20 years service in the U.S. Army.

Schumacher Co., SI Sign Contract

The Smithsonian Institution and F. Schumacher and Company have signed an agreement that will permit Schumacher to feature designs from the Smithsonian col­ lections in a new line of wall coverings and fabrics. C. Richard Brose, President of Schumacher, and T. Ames Wheeler, Smithsonian Treasurer, have announced the contract with Schumacher provides for the manufacture and marketing of patterns inspired by the designs of original ar­ tifacts in the Smithsonian's collections. Each pattern will be accompanied by writ­ ten material designed to inform the public about the history and significance of the related original artifact.

A reconstructed scene showing a Neanderthal burial ceremony is part of the exhibit 'Ice Age Mammals and the Emergence of Man' which has been completed in a hall at the National Museum of Natural History.

Gem Hall in the Sky

A three-year-old was taken by her grandmother to visit the Smithsonian this summer. Several days later, her grandmother reported, she took the girl to a Fourth of July fireworks display. "As the rockets shot into stars of assorted colors, the child exclaimed:"

"Look, Grandma, just like the Hope Diamond!"
Frank Pearce, MNH Expert In Fossil Preparation, Retires

Frank Pearce, chief of the vertebrate fossil preparation laboratory at NMNH, retired last month after 28 years at a profession in which he was regarded as a peerless expert.

"You would accompany paleontologists such as D. C. Lewis Gazin and Clayton Ray into the field to find and dig intact from the ground fragile vertebrate fossils."

After his return to NMNH, he would perform the excruciating, slow, and difficult task of cleaning and preparing the specimens for scientific study and exhibit. As part of his duties, Dr. Pearce Kier presented a Certificate of Superior Performance, and a cash award. He also received a memento from his colleagues, a mounted giant fossil teeth that he had found at Lee Creek, N.C. and prepared (handsome giant shark tooth specimens are prized by fossil collectors).

The vertebrate fossil preparation profession has been called one of the last medieval guilds. No specialized schooling can teach one how to do it. The background of the six men who work in the NMNH lab are diverse: One man has dental technician and mortician training; another a college degree in mechanical arts, another in tinseltery, and another sculpture and modeling experience. They all share in common a wealth of manual dexterity and imagination and almost supernatural patience."

"It is a tedious and onerous job," says Dr. Clayton Ray. "No one has found a magical way to make vertebrate fossils pop out of rock. You may have to live with a tiny skull for six months and be able to find satisfaction in clearing a square inch of bone a day. It may be the only specimen of a skill known and so it would be disastrous to hurry and botch the job."

Preparators like Pearce employ a variety of tools, ranging from the highly sophisticated to the simple, including ultrasound, acid baths, air hammers, sand blasting and hammer and chisel. For especially intractable specimens those tools are used in combination. One of Pearce's talents was an inventive
classroom teacher, five or six students/100 students. Grade 10; Service 9 - 10; Undergraduate 8 - 10; Graduate 7 - 9; PhD: 6 - 7; 6 - 8 hour sessions: VIII. Sentence

Judy White Joins NZP As Education Chief

Judy White, formerly at the Discovery Room in the National Museum of Natural History, has joined the staff of the National Zoological Park as chief of the office of education and information.

Prior to her NZP employment, she was a teacher and worked for the Children's Museum in Boston. Her duties at the Zoo will include development of educational information programs as well as liaison with the Friends of the National Zoo school services.

English Course Offered at SI

The Office of Personnel is scheduling employees for an eight-part English re-fresher course. The recommended reading level for entry into the course, currently at the 10th grade. Students are scheduled to attend for two hours a week, on a tuition-free basis. The course will cover all employees eligible for assistance. Certificates will be given on completion of the course.

The course will be offered to employees who have completed an English course in the last school year or have not attended an English course after that date will be eligible for this new course.

The new employees do not show the number of years of service. Years of service are indicated as shown below:

* 0 year service - 1 Sapphire (Blue)
* 1 year service - 2 Emeralds (Green)
* 2 year service - 5 Rubies (Red)
* 3 year service - 10 Rubies and 2 Emeralds (Green)
* 5 year service - 10 Rubies, 2 Emeralds and 1 Sapphire (Blue)
* 20 year service - 3 Sandstones (Yellow)
* 25 year service - 3 Rubies and 1 Sapphire (Blue)
* 30 year service - 1 Diamond and 1 Ruby (Red)

The Office of Personnel Administration is currently distributing employes to head of business, offices, and divisions for presentation to eligible employees. This presentation will cover all employees eligible to receive certificates through August 31, 1974.

SI Service Pins Have New Look

The Smithsonian has issued 25-year service Pins in recognition of his innovative and energetic contributions to the Smithsonian's National Anthropological Archives. The Archives was assembled over a 40-year period by Dr. W. Morris Bennett, archeologist, architect, archivist, and a director.

The Smithsonian Archives are composed of staff records, papers, drawings and field notes from Dr. Smith's studies of Iranian archeological monuments, maps, and correspondence with scholars on Islamic studies and extensive correspondence between Professor Smith and most important in the Islamic style of management within Support Administration.

SMITHSONIAN TORCH October 1974

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Support Directors Attend Seminar

Directors and assistant directors of units reporting to the Director of Support Activities attended a seminar on "Management by Objectives" held September 20 at the National Zoological Park.

The seminar was conducted by Professor Dale McCorkay of the University of Wisconsin's Business and Management School. He held the seminar as one of the pioneers in the development of Management by Objectives as a basis for the most active practitioners.

The seminar provided the "kick-off" to the implementation of a management by objectives style of management within Support Activities. Its concept was designed by Professor McCorkay for the SI units.

Islamic Archives Open to Students

The Smithsonian Institution's National Anthropological Archives has opened to scholars and students its Islamic Archives, a major collection on Islamic art and culture transferred to the Institution by the Committee for Islamic Culture.

The Archives consists of 45,000 documents, drawings and field notes from Dr. Smith's studies of Islamic archeological monuments, maps, and correspondence with scholars on Islamic studies and extensive correspondence between Professor Smith and most important in the Islamic style of management within Support Administration.

27 Employees Retire from SI

Twenty-seven employees have recently retired from the Smithsonian. The National Museum of Natural History; Franklin Pearce (see story in this issue), Alfred McAdams, Lyman B. Smith, Joseph J. Biggs, Walter J. Byas, Mary Grace Chaconas, Elsie F. Frensch, Paul K. Katermin, Clara G. McKay, From the Supply Division, Fred Barwick and Allen S. Smallwood.

From the Office of Protection Services, Casper W. Bohnefelder, John G. Galagher, Eddie L. Rainey, Joseph Colby, Frank Fangini, William Nordwall. From the National Museum of History and Technology, Herbert Brumback, Everett Parker, James J. Jones, Jr. From other SI components, Dr. McAdams, Roy S. Burgess, National Zoological Park; Jack Scott, Office of Printing and Photographic Services; Elise Johnson, Freer; Lindsay Ross and Herbert Fischer, Office of Plant Services; Ortnud S. Sachse, SI Libraries.
Students Bring Smithsonian To Washington Schools

by Eva Mirski

Not many high school students expect to find themselves back in elementary school during the summer months. However, this year, with help from the Smithsonian, they did just that.

Four of us from the Summer Info program in the Museum of Natural History's Office of Education joined four other students from the Museum of History and Technology's Division of Public Information and Education to work for five weeks in the District of Washington, D.C., on the Title I Summer Program we employed at the Tubman Elementary School. The program was designed to help small children to some of the Smithsonian's collections, but also to encourage students to improve their basic reading and math skills while learning from objects.

Each Title I Project would bring small bits of the museums to children in summer school. The students were trained not only to introduce small children to some of the wonders of the Smithsonian's collections, but to encourage the students to improve their basic reading and math skills while learning from objects.

"museum aide", as we were called, was given a specific topic to develop, and we were responsible for making sure that the students had a fun and educational experience. In Natural History, the four topics selected were Indians, Africans, Animals, and Rocks and Minerals. Colonial Life, in several different aspects, was the main topic for the aids representing the Museum of History and Technology. Each of these was a small mountain of available materials the objects and artifacts best suited for the subject.

During the summer, we created a Royalty Exhibit and the students had a chance to learn about the world's royalty. We also created a special exhibit on the Smithsonian and its many activities in the past few years.

After a week of preparation, in the back rooms of the Smithsonian, we were ready to face our real world. Each morning, we entered a new school, we would feel a bit of nervousness inside. However, as soon as we began our presentation, we relaxed and enjoyed the every minute. The children ranged in age from five to eight to eleven years old, and their enthusiasm for exploring, touching, feeling, trying all the objects, made their activities quite easy. With a few questions, we were able to guide their attention, the children reacted to themselves.

At the end of each class, the children were asked to write a sentence or a paragraph to express what they had learned. They were eager to draw pictures and write words about their experiences. These reports were often punctuated with food, about animals' teeth and feet, about drums, thumb pianos, and the bright colored cloth of Africa, about the life of children who lived in the years of early American colonization, and even about the different kinds of shapes that crystals of minerals take.

The world of art that was presented to us each day was fantastic, varying from red tips to purple Bushmen. Such masterpieces!

As our sessions closed, we were always sorry to leave our new friends in these classes, but were looking forward to the following day, when another school would be visited. Back at the Smithsonian, for lunch, we would share our experiences with one another. Sometimes these were funny stories about what children had said; other times, we shared new skills for better teaching.

At the end of July, the Title I School Project ended. Those of us who had worked as museum aides felt that it had been an enjoyable and worthwhile experience. We hope that for the children in the future, that similar experiences may be had.

The school year at the Smithsonian is filled with opportunities to learn and grow. The children at the Title I School Project have seen the museum's collections and artifacts, and have had the chance to learn about the many activities of the Smithsonian. These experiences have given the children an opportunity to learn about the world around them and to develop a love for learning. The students have enjoyed their time at the Smithsonian and have left with a sense of accomplishment and a desire to learn more about the world.

Vitola Retires From STRI Staff

The Smithsonian Tropical Research Institute has announced the retirement of Francisco Vitola, Assistant Manager of the facilities at Barro Colorado Island.

"Sr. Vitola, better known as 'Chichi', has been a loyal and dedicated employee of STRI for 40 years," said Dr. Ira Rubinoff, STRI Director. "Chichi began his career at Barro Colorado Island as Foreman in 1934, and remained a vital participant in the many projects of STRI. Vitola has contributed to the growth of an important world-class research station.

"Chichi is held in the highest esteem by all STRI personnel, all of whom will certainly miss him when he leaves the organization in which he played such a vital part."

Goode Is Author Of Book on Sculpture

James M. Goode, curator of the Smithsonian Institution Building, is the author of The Outdoor Sculpture of Washington, D.C., a lavishly illustrated historical guide to the profusion of art in stone and metal that graces the nation's capital and its surrounding area.

This 600-page volume was recently published by the Smithsonian Institution Press. Most of the photographs were taken by David Blume of the Smithsonian staff.

The book was designed by Mrs. Elizabeth Storke. It has been praised by critics and historians for its detailed analysis of Washington's outdoor sculpture, and is widely regarded as the definitive reference work on the subject.

Goode acknowledges the assistance of a number of Smithsonian colleagues in the preparation of the book, including Richard H. Howland; Dr. Harold Skramstad, Jr.; Dr. Charles E. Kloster; Philip K. Lundenberg; Dr. Thomas Lawton; Lynford K. Eustis; Henry Steele; Miss Patricia Wilkinson; Dr. William B. Willard; Mrs. Russell Burke; Michael Richman; Mrs. Carol H. Dearrow; Mrs. Genevieve Chisholm; Mrs. Sara B. Hanan; and the late Douglas G. MacGregor.

One of his immediate duties will be the direction of liaison between Smithsonian and the David Wilper Organization which is producing a series of television documentaries for CBS.

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