



THE SMITHSONIAN TORCH

Smithsonian Institution, Washington, D.C.

March 1972



HANDLE WITH CARE—Helena Weiss, who in her 22 years as Smithsonian Registrar saw to it that some 75,000 accessions were handled with care, received a fragile treasure of her own from her colleagues when she retired December 30. Francine Berkowitz presented the large Steuben glass bowl as Under Secretary Bradley led applause at a reception in the Great Hall. Other mementoes of her 40 years at the Institution included a framed early photograph of the SI building, an inscribed mug from the globetrotting National Zoo staff "for getting us there and getting us back", and the Secretary's Exceptional Service Gold Medal Award. William P. Haynes is now acting Registrar.

Folklife Festival to Honor Maryland June 30-July 4

Plans for the sixth annual Festival of American Folklife, to be held on the Mall June 30-July 4, have been announced by James Morris, Director of the Division of Performing Arts and Ralph Rinzler, Festival Director.

This year the craftsmen, musicians, and dancers of Maryland will demonstrate their skills during the six-day event. The folk traditions of a different state are featured each summer.

A special site on the Potomac River is being added to the festival this year for a large exhibition of the water traditions and skills of Maryland's eastern shore. On the Mall, the Free State's horse country and western Maryland's hunters, wood carvers, trappers and beekeepers will be featured.

Baltimore's Greek community will provide music, dance and traditional food. The seafood for which Maryland is famous will also be highlighted.

Southwest American Indians will be another focus of the festival. From the ancient traditional village dwelling Pueblos to the sheep herding Navajos, cattle raising Apaches, to the quiet agricultural Pimas, the Southwest has hosted a wide variety of lifestyles.

The famous black ware pottery of San Ildefonso, the turquoise and shell beads of San Domingo, and the distinctive weaving of the Navajos will be displayed. Mrs. Clydia Nahwoosky is Director of the Festival Indian Program which features a different section of the country each year.

The American working man, as a member of organized labor, will also be a focus of the festival. This will be the second in a six-year series of programs culminating in the Bicentennial year, 1976, which deal with the skills of trade union members.

Craftsmen will demonstrate not only the products of their labor, but the actual

work and skill itself. Music and folklore of the labor movement will be presented in a variety of performance situations. Participants in these programs will include people who wrote and sang the songs which were pivotal in the labor movement.

Along with these performances will be panel discussions. Labor historians, folklorists and union craftsmen will develop the oral history of labor organization, bringing out the pride and sense of heritage associated with their skills and their craft organizations.

Performances and demonstrations will be held from 11 am to 5 pm daily, and music will continue until 8:30 every night.

A richly illustrated program book will be sold at the festival with articles covering the major areas of the festival and detailed information on daily activities. Attendance at last year's festival exceeded 800,000.

New Radio Show

This month Radio Smithsonian will start a new five-minute program called "At the Smithsonian". Each week the program, broadcast over WGMS, will present a full calendar of events scheduled at the Smithsonian's branches.

Aim of the program, hosted by Cynthia Helms, is to make the public more aware of the wide array of activities at the Smithsonian.

Announcements to be included for the program should be sent to Mary Krug in the Office of Public Affairs, SI 107. Deadline for each week's program is the Monday preceding the broadcast.

Smithsonian Budget Request Totals More Than \$100 Million

The Smithsonian has submitted to Congress a budget for fiscal year 1973 which calls for appropriations totaling almost \$107,000,000, the largest budget ever for the Institution.

Appropriation Committee hearings were scheduled for March 10 and 13, but word on the actual appropriations approved by the Congress will not be known for a number of weeks thereafter.

The budget request is distributed in four categories:

(1) "Salaries and Expenses", that is, the operating budget of the Smithsonian, \$52,964,000;

(2) Maintenance of the data bank of the Smithsonian Science Information Exchange Inc., \$1,600,000 (costs of its services are paid for by its users);

(3) Special Foreign Currency Program, \$6,000,000;

(4) Construction and restoration and renovation of buildings and facilities, \$46,359,000, including \$40,000,000 for the construction of the National Air and Space Museum.

The total for "Salaries and Expenses" represents an increase of \$8,794,000, or 20 percent, allowed by the President over the comparable appropriation for the current fiscal year. Of this increase, about \$1,100,000 is to meet the higher costs of present staff. Not included in this amount, however, are funds to meet the costs in fiscal year 1973 of the recent General Schedule and Wage pay raises. These funds will be requested separately.

The balance of the requested increase in "Salaries and Expenses" is for the program needs of the Institution's research, exhibit, and supporting service activities. Highlights of the program requests include the following projects and programs.

In the science programs, the National Museum of Natural History is requesting an increase of about \$600,000 for support of research and for the continued phased extension of electronic data processing techniques to the management and research use of its massive collections. The Smithsonian Astrophysical Observatory will continue development in 1973 of its multiple mirror telescope, a new concept in design, with a requested approximate \$300,000 increase of funds.

Essential restoration of air and space craft, research, and planning of exhibits must take place while the new museum building is under construction. It is scheduled for opening in July 1976. The National Air and Space Museum is seeking an additional \$500,000 to step up its preparations for this major event, cited by President Nixon in his recent Bicentennial Message on the District of Columbia. More than 5 million visitors annually are expected to tour the building, to be located on the south side of the Mall between Fourth and Seventh streets.

In the history and art area, the most significant request is for about \$1,400,000 of nonrecurring funds for the one-time purchase of furnishings and equipment for the Joseph H. Hirshhorn Museum and Sculpture Garden, scheduled to open in late 1973. These funds will be used for storage display screens for paintings, furnishings for galleries and other public spaces, and for outfitting conservation, photography, and other work spaces.

A section of the operating budget deals with special programs of the Institution—activities considered to be of particular importance because of their applicability to many Smithsonian bureaus and offices and because of their public service nature. An additional \$600,000 is sought for the American Revolution Bicentennial program for total funding in fiscal 1973 of \$1,000,000. Funds requested for this program would be used to continue planning and design work on the "A Nation of Nations" exhibit in the National Museum of History and Technology (\$350,000); the "Ecology-USA/200" exhibit at National Museum of Natural History (\$60,000), and to supplement regular Bicentennial exhibits in the NMHT, the National Portrait Gallery, and the National Collection of Fine Arts (\$80,000).

To produce three experimental circulating exhibitions with Bicentennial themes, the first of 45 proposed, the Institution is seeking \$10,000. Some of the proposed exhibits would be produced at a proposed exhibits production center of the Anacostia Neighborhood Museum to be located four blocks away from the museum. To put the center into operation, \$200,000 is requested.

An appropriation of \$250,000 is sought for the Bicentennial Survey of American Art, which includes \$55,000 for the NCA's Bicentennial Inventory of American Paintings Executed Before 1914; \$120,000 for the NPG's Catalog of American Portraits; \$50,000 for the Archives of American Art's Bibliography of American Art, and \$25,000 for the Division of Performing Arts' survey of

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MacAgy Named Exhibits Curator For Hirshhorn

Douglas G. MacAgy, Director of National Exhibitions at the National Endowment for the Arts, has been named curator of exhibitions for the opening exhibition at the Hirshhorn Museum and Sculpture Garden, Abram Lerner, Director of the Hirshhorn, announced.

Mr. MacAgy was formerly Deputy Chairman and Acting Chairman of the National Endowment for the Arts in Washington, and at the time of his appointment was its Director of National Exhibitions. In that position, he established a new division to seek safe means of travel for works of art, developed a new system for traveling exhibitions, and produced the "Art Fleet" concept of exhibition production.

Mr. MacAgy, 58, is a graduate of Western Reserve University in Cleveland, Ohio. He also studied at the University of Toronto; the Barnes Foundation, Merion, Pa.; the Courtauld Institute of the University of London; the Central Technical School in Toronto, and the Cleveland School of Art.

Mr. MacAgy left the position of curator at the San Francisco Museum of Art to serve in the Office of War Information during World War II. After the war, he was chosen to revitalize the 70-year-old California School of Fine Arts in San Francisco, establish a curriculum and gather a new faculty. Later, he was employed as special consultant to the director of The Museum of Modern Art in New York City; as director of research for an art dealer in New York; as director of the Dallas Museum for Contemporary Arts, and as an independent art consultant. He has been with the National Endowment for the Arts since 1968.

Mr. MacAgy has wide experience in museum installation. His first show was a retrospective exhibition of works by Picasso at the Cleveland Museum of Art in 1940. Most recently he planned the "Wilderness" show at the Corcoran Gallery.

Previous professional appointments to the Hirshhorn Museum staff have included: Administrative officer, Joseph Sefekar; Department of Painting and Sculpture: Mrs. Lawrence McCabe, Associate Curator; Miss Inez Garson, Assistant Curator; Mrs. Maureen S. Donadio, Research Assistant; Registrar's Office: Miss Sandra Pearson, James Elias, Frank Gettings, and Gerald O'Connor.

The Hirshhorn Museum and Sculpture Garden is now under construction on the south side of the Mall. The cylindrical museum, with three levels of gallery space and both a courtyard and sculpture garden, is expected to open in the fall of 1973.





Photo by Harry Neufeld

LEARNING LAB—Personnel Director Vincent Doyle and Instructor Brenda Howell smile approvingly at student's progress in the beginning typing course given by OPA in the newly opened learning lab in the A&I building. More than 200 SI employees have applied for this and other individualized courses designed to upgrade present skills or acquire new ones leading to greater opportunities for promotion.

Plans Announced For New Maritime Hall at NMHT

by Jerry Bray

Plans for a new Hall of American Maritime Enterprise at the National Museum of History and Technology have been announced by NMHT Director Daniel J. Boorstin.

Dr. Boorstin said the museum hopes to open the new hall in time for the nation's celebration of its Bicentennial. Funds for construction of the hall, which will cost approximately \$1.5 million, are being sought from individual donors and maritime organizations.

The Propeller Club of the United States launched the fund raising drive in January with a congressional reception at the museum announcing plans for the new hall. The Propeller Club is a national organization representing the maritime industry.

Dr. Melvin H. Jackson, Curator of the Smithsonian's maritime collection, said that NHT today possesses one of the finest collections of ship models in the world and the greatest single collection devoted to the history of American naval architecture.

"As admirably as the present hall details the evolution of the art of naval architecture, it falls far short of conveying to its many visitors the importance to America of the sea, the lakes, and the rivers from earliest colonial days to the present," he noted.

Dr. Jackson said the new hall will use a variety of dramatic devices to show the interaction of social, economic and technological factors out of which the history of maritime America has been woven.

Highlight of the planned hall will be the completely equipped engine room of a small steam vessel. The entire plant will be operated by compressed air and in response to a ship's telegraph will execute a series of programmed operations. Visitors to the exhibit will be able to experience firsthand the sounds and smells of an operating engine room without having to go to sea, Dr. Jackson remarked.

Plans call for the new hall to be divided into five divisions spanning the history and development of American maritime commerce. Various themes such as the development of trade routes, navigation, and the life of the seaman will be explored throughout the chronological periods.

Wherever possible each of the historical divisions will be introduced by a setting designed to serve as a focal point for material illuminating the period in American maritime development covered by the exhibit. For example, as an introduction to the discovery of America the visitor would be able to examine a Renaissance chartmaker's workshop. Here he would be told the story of the discovery, explorations and colonization of North America.

Other proposed settings will depict a typical waterfront scene at an ocean port; the forecabin of sailors' quarters of a late 19th century sailing vessel and the bridge of a modern automated steamer. At the bridge the radar would be programmed to illustrate typical meeting and passing situations, a dead reckoning tracer would show the ship's path through water and an inertial navigator would demonstrate the latest development in position-finding science.

Throughout the new hall reduced scale models and dioramas will convey a realism unavailable in the existing display, Dr. Jackson said. Finally, to make the new Hall of American Maritime Enterprise contemporary with advances in the maritime industry, plans call for an exhibit of containerization and the integration of sea-land transport, an exhibit of hydrofoil craft, and a large model of the *Manhattan*, the ice breaking tanker which cleared the Northwest Passage.

Anacostia Artist Exhibits Work

Larry Erskine Thomas, a research and design supervisor at the Anacostia Neighborhood Museum, recently presented a one-man exhibition of his works at the Afro-American Cultural Center, American International College, Springfield, Mass.

Mr. Thomas, known professionally as Larry Erskine, said the exhibit of 30 pieces is called "African Genesis" and was inspired by the deep emotional in-

volvement which developed during his years in Africa as teacher and artist.

"Because of my deep feeling toward ancestral art," Mr. Thomas said, "I view African art against the spiritual setting from which it has sprung and work in experimental ideas which derive from African examples."

For the past four years Mr. Thomas has been a supervisory program manager at the Anacostia Neighborhood museum.

About SI People

Dr. David Hersey Heads SSIE

The Board of Directors of the Smithsonian Science Information Exchange (SSIE) has elected **Dr. David F. Hersey** to succeed **Dr. Monroe E. Freeman**, who retired as President in December after a decade of service to the organization. Dr. Hersey, a native of San Antonio, Texas, is a virologist by training and a member of several scientific societies involved in information science. He has been with the exchange since 1961.

Library Changes

Mrs. Mary A. Huffer, Assistant Director of SI Libraries, has been appointed by Interior Secretary Rogers C. B. Morton as Director of Libraries, Department of the Interior. In her new position Mrs. Huffer will direct the Interior Department's Washington library and will guide policies of more than 100 sublibraries in the field.

Mrs. Huffer began her career with the Smithsonian libraries in 1954 as a library assistant in the reference and circulation division. She is currently president of the District of Columbia Library Association and a member of the Federal Library Committee's Task Force on the Acquisition of Library Materials.

In another move of SI library staff **Miss Ruth Blanchard**, Liaison Librarian at the Library of Congress, retired from the SI Libraries after 36 years of federal service. Miss Blanchard began her career in 1936 as a library assistant at the Smithsonian Astrophysical Observatory. From 1957 to 1964 she was Head Librarian of the Smithsonian.

Bedini Book Published

Silvio A. Bedini, Deputy Director of the National Museum of History and Technology, has written a definitive biography of Benjamin Banneker, a free-born Maryland black, who assisted in the survey of the city of Washington. Published by Charles Scribner's, **The Life of Benjamin Banneker** gives Banneker his rightful place among the early American mathematical practitioners who applied the sciences in the developing new republic.

Bruns Returns

Postal curator **Franklin R. Bruns Jr.** is returning to the Smithsonian. Bruns has been appointed Associate Curator of the Division of Postal History at MHT, a position he held from 1951-1957 when the department was known as the Division of Philately. A prolific postal writer, Bruns is also a member of the Postmaster General's Citizens' Stamp Advisory Committee and of the Honorary Council of the American Philatelic Congress.

Bicentennial Design Winner



Winning Design

The design show here was selected by a panel of SI judges as the best of 71 entries submitted by employees in a contest to find a distinctive symbol to identify the Smithsonian's participation in the Bicentennial celebration of 1976. **Terezia M. Takacs**, Exhibits, received a \$100 savings bond for her design. The other winners were **John Blake Murphy**, BMD, second prize \$50 savings bond; **Steve Kraft**, SI Press, third prize \$25 savings bond; **Margaret Klaphor**, MHT, honorable mention and **Bob Stein**, Woodrow Wilson Center, honorable mention.

New Museum Shops Director

Secretary Ripley has announced the appointment of **William W. Rowan, III** as Director of the Smithsonian Museum Shops. Mr. Rowan, a graduate of the University of Virginia, has had long experience in the retailing field and most recently was regional manager for the eight Brentano's stores in the metropolitan Washington area.

Spilhaus Attends Conference

Dr. Athelstan Spilhaus, Coordinator of the Environmental Studies program at the Woodrow Wilson International Center for Scholars, participated in the recent "White House Conference on the Industrial World Ahead: A Look at Business in 1990." Dr. Spilhaus served on a panel which examined technology and resources for business in the next two decades.

Hamilton Resigns

Ladd E. Hamilton has left his position as special assistant to MHT Director Daniel J. Boorstin to become Director of Personnel for HEW's Social & Rehabilitation Service. Prior to his service at MHT Mr. Hamilton was senior personnel advisor and deputy personnel director with the Office of Personnel Administration.

New RIF Leaders

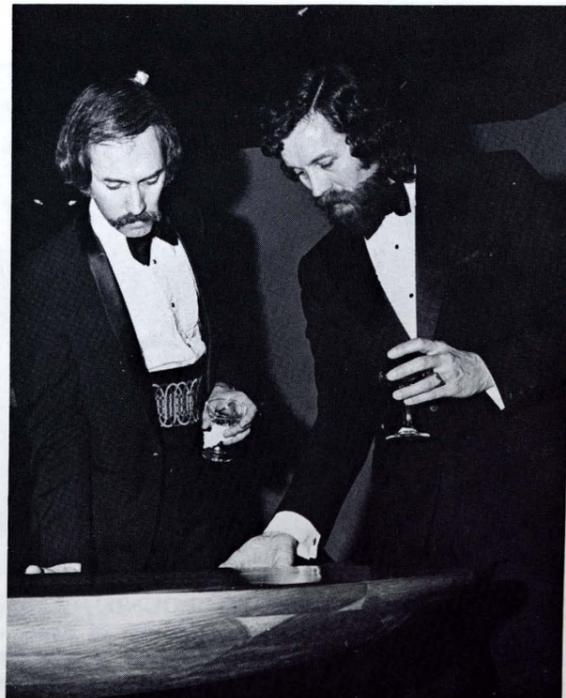
The National Advisory Board of Reading Is Fundamental (RIF) has appointed **Mrs. Eleanor Smollar** to succeed **Jerrold Sandler** as executive director of the program. Mr. Sandler has left the Smithsonian to work as an educational consultant. The Advisory Board also named **Mrs. Barbara B. Atkinson** as Program Director of Reading Is Fundamental.

Election Results

The Senate of Scientists, Museum of Natural History, has elected new officers for 1971-72: **Dr. Clyde F. E. Roper**, chairman; **Dr. Thomas R. Waller**, chairman-elect and treasurer; and **Dr. W. Donald Duckworth**, secretary.

Mrs. Cyril Speizman, administrative assistant in the supply division at MNH has been re-elected recording secretary of the League of Federal Recreation Associations.

Gala Evenings Open New Renwick Gallery



Photos by Al Robinson and Dick Mowry

OPENING WEEK AT THE RENWICK—Nearly 4,000 art patrons attended the gala reception preceding the opening of the Renwick Gallery. Shown here are some of the scenes captured by the camera as the nation's showcase for design, crafts and the decorative arts celebrated its birth. Above left, Victorian fashion is revived as a young guest pauses for a moment in the Octagon Room; middle, paintings displayed nearly a century ago when the building served as the original Corcoran gallery overlook part of the gathering in the Grand Salon; right, Renwick Administrator Lloyd E. Herman, sporting a cummerbund made by the Renwick staff from leftover drapery material in the Grand Salon, examines the woodenworks of craftsman Wendell Castle.

In its first three weeks of operation the Smithsonian's latest addition to a growing complex of art museums drew more than 30,000 visitors. Critical acclaim for the Renwick has been overwhelming.

"The restoration of architect James Renwick's beautiful art palace to its Nineteenth Century splendor provides a new focus on Washington's architectural heritage. But perhaps the most important reason to welcome the Renwick Gallery to the cultural community of the Nation's Capital is the exposure it will give to our country's creative designers and craftsmen."

—President Richard M. Nixon

"Victorian taste is still as exotic and unfathomable to most Americans as the puberty rites of far-off tribes,

but it has been critically endorsed in the Smithsonian Institution's new Renwick Gallery . . . This restored 19th century structure, after a classic struggle for survival, is a noble preservation success. It is nice to report that the good guys have won."

—Ada Louis Huxtable, *New York Times*

"One leaves the 20th century behind after stepping through the doors of the new old Renwick. Gone are

the thick layers of government green that hid the trompe l'oeil marbelized paint on the walls of the grand staircase . . . the atmosphere of the restoration is soaked in the period, a sort of monument to the sometimes tasteful tastelessness of the gilded age. It is a bit much, perhaps all the more delightful for that reason."

—Benjamin Forgey, *Washington Star*

"After 111 years of being kicked around as a clothing warehouse, an Army office building, a courthouse for aggrieved citizens and a convention hall for pigeons, the Renwick gallery finally has become what it was meant to be—a home for the arts."

—Nan Robertson, *New York Times*

Fred Whipple Honored Twice

Dr. Fred L. Whipple, Director of the Smithsonian Astrophysical Observatory, has been honored by the American Association for the Advancement of Science for his distinguished contributions to space research. Dr. Whipple was one of six scientists noted for their work.

Further recognition will be accorded Dr. Whipple on April 28 when the National Civil Service League presents him and nine others with its 1972 Career Service Award for excellence in the public service. Hundreds of government, academic and business leaders are expected to attend the honors' banquet on that date at the Washington Hilton hotel.

Dr. Whipple, also professor of astronomy at Harvard University, built and directs the only astrophysical observatory under the government's aegis. His contributions have been of significance to national programs in astronomy and space research. Banquet tickets are \$15 per person for government employees.

Dr. J. Steward, of BAE, Dies

Dr. Julian Steward, an anthropologist from 1935 to 1946 in the former Bureau of American Ethnology at MNH, died February 6 in Urbana, Ill. of a circulatory ailment. He was 70.

A native of Washington, D.C., Dr. Steward was senior anthropologist at BAE and organized and served as director of the Institute of Social Anthropology.

During his career at the Smithsonian Dr. Steward edited the six-volume "Handbook of South American Indians." He was also the author of "Theory of Culture Changes" and edited the three volume set "Contemporary Change in Traditional Societies."

Dr. Steward left the Smithsonian to join the faculty of Columbia University and, in 1952, became a professor at the University of Illinois. In 1954 he was elected to the National Academy of Sciences, and in 1967 was named professor emeritus of anthropology at the University of Illinois, Urbana.

Eilers Appointed Director Of Environment Office

William L. Eilers has been appointed Director of the Office of Environmental Sciences.

Mr. Eilers, formerly an official with the National Academy of Sciences, joined the Smithsonian in July, 1971 as Assistant Director, Office of Environmental Sciences.

As Director of the Office of Environmental Sciences, he is in charge of the Smithsonian's Ecology and Oceanography and Limnology Programs, the Chesapeake Bay Center for Environmental Studies and the Center for Short-Lived Phenomena.

Mr. Eilers, 47, holds a B.A. in economics from Stanford University and an

M.S. in political science from MIT. His early employment included news editor's posts at the Department of State and the Columbia Broadcasting System. From 1952 to 1968 he worked at the Asia Foundation where he served as: an Assistant to the President, a resident representative in Malaysia/Singapore, Korea, and the Union of Burma, and a developer and administrator of the Foundation's Asia-wide program in science and technology.

At the National Academy of Sciences from 1968 to 1971 he was Director of Bilateral Programs with Developing Countries, Office of the Foreign Secretary, and Staff Director of the Academy's

Board on Science and Technology for International Development.

Mr. Eilers is married to the former Janice Meherin of Hillsborough, Calif. and has three children: Douglas, 16, Erin, 15, and Susan, 12. They are residents of Bethesda, Md.

The Ecological Program Mr. Eilers administers at the Smithsonian includes major studies related to biological control of disease-carrying snails; biological monitoring of the environment; remote sensing studies of vegetations, satellite tracking research on migratory animals; and an international environment program with the Peace Corps.

Smithsonian Oceanography and Limnology Programs involve operations of an oceanographic research vessel, *Phykos*; operations of marine sorting centers in Washington, D.C. and Tunisia; direction of the Ocean Acre Program; administration of the Comparative Investigation of Tropical Reef Ecosystems, and a major study for the International Decade of Oceanographic Exploration.

At the Chesapeake Bay Center for Environmental Studies at Edgewater, Md., terrestrial and aquatic studies are being conducted relating to the Chesapeake Bay ecosystem and at the Center for Short-Lived Phenomena in Cambridge, Mass., an early alert system and clearinghouse is operated for the reception and dissemination of information on short-lived natural events. During the past three years the Center has reported more than 400 such events that occurred in 82 countries and all the world's oceans.

SITES Report

Smithsonian traveling exhibits were seen by an estimated 1.2 million persons during the last three months of 1971 SITES reports. Exhibits went to 40 states, led by New York, with 16 shows, and two Canadian provinces. In this period SITES arranged for the showing of 21 exhibitions of prints and drawings; five of architecture, 37 of decorative arts, 17 children's art exhibits, 24 natural history and science exhibits, and 13 photography exhibits.



2,500 YEARS OF PERSIAN ART—Dr. Aslan Afshar, Iranian ambassador to the United States, was a visitor at the Freer Gallery last month when a special exhibition of Persian art was opened in observance of the 2,500th anniversary of the founding of the Persian empire. One of the 83 works on display, the silver head of a woman crafted some 2,000 years ago, is being examined by (from left): Dr. Esin Atil, Curator of Near Eastern Art at the Freer; Dr. Harold P. Stern, Freer Director; Ralph Becker, president of the Iran-American Society, and Dr. Afshar. The exhibition includes decorated pages from manuscripts, metalwork, ceramics, and architectural decorations. They will be displayed through 1972.



"IT'LL NEVER GET OFF THE GROUND"—Inflating a leaking 32½-foot World War II Japanese attack balloon made out of paper calls for a lot more than a few huffs. Balloon show project director Roger Pineau holds the end of the balloon's polyethelene liner as exhibit specialists Ben Snouffer (partially hidden) and Bob Klinger make final adjustments ensuring the balloon's ascent in the A&I building.

NASM Ballooning Exhibit On Display in A & I Building

By Tom Harney

The National Air and Space Museum, gearing up its exhibits development program in anticipation of moving into a new home on the Mall in 1976, has launched the first in a series of ambitious exhibits on flight.

Ballooning: 1782-1972 tells the colorful history of ballooning through music, a puppet show, prints, paintings, lampoons, medallions, documents, mechanical models, and decorative furnishings. Floating above all these objects are samples of real balloons, including a 19,000 cubic foot Japanese World War II Fu-Go weapon, which may well be the largest object ever displayed in the Arts and Industries Building.

"This exhibition—the first to be prepared with the proposed new National Air and Space Museum building in mind—has been designed to exemplify the size and quality of exhibits which will be offered when the new building is completed," National Air and Space Museum Director Michael Collins said.

"The theme of all NASM exhibits will be to delineate the role of man's efforts in air and space, and to place these efforts in proper historical perspective with relation to art, science, industry, and toward the larger goal of the increase and diffusion of knowledge," he said.

The aeronauts who manned the first balloons were men of extraordinary bravery, luck, and skill. The exhibit sums up the careers of some of the most notable, including the intrepid Jean-Pierre Blanchard. The astonishing and amusing tale of his crossing of the English Channel in 1785 with an American passenger, Dr. John Jefferies, is told through a puppet show written by NASM Deputy Director Melvin B. Zisfein, Peter Copeland, and Roger Pineau. The voyage was a success, but to stay aloft, the two men found to their dismay that they had to throw everything they brought with them overboard—even their coats and pants. There will be performances of the show every quarter hour in an automated puppet theater.

Ballooning's grandeur and fascination have inspired some of the world's finest craftsmen and artists. The exhibit features a "balloon room" furnished with objects that typify the impact of ballooning on the decorative arts. These include a graceful 18th-century "balloon" clock, a Louis XVI style folding desk and chest portraying in veneered marquetry several of the early historic French balloon ascensions, chinaware portraying many famous ascensions, and chairs with needlework seats depicting notable scenes in the history of ballooning. Many of the furnishings are on loan to the National Air and Space Museum from the collection of Smithsonian Regent and Mrs. William A. M. Burden.

The exhibit recounts how the Smithsonian played a role in the development of observation ballooning at the outbreak of the Civil War, when the famous American balloonist Thaddeus S. C. Lowe, with the help of his friend, Secretary Henry, undertook to convince officials in Washington of the practicality of balloons as aerial observation platforms.

Lowe attached a telegraph line to his balloon, ascended to a height of 500 feet over The Mall and, after surveying enemy encampments about Washington with a telescope, sent the first telegraph message from the air to President Lincoln. His success led to the formation of the first army air corps in American history. Lowe's telescope and an altimeter he developed for making balloon observations are in the exhibit along with a painting of him in his balloon above the Smithsonian Building.

The Fu-go's—which the Japanese launched by the thousands against the West Coast of America in the latter part of World War II—were the world's first intercontinental missiles. Armed with incendiary and fragmentation warheads, the ingeniously contrived weapons caused six deaths in the United States.

It took almost a full day to inflate the Fu-go with a mixture of air and helium—20 tanks of the latter. The NASM staff stuffed a polyethelene liner inside the original tattered paper envelope, but even with the liner there was so much slow leakage that 100 cubic feet of helium had to be pumped back in daily to keep the balloon from slowly sinking to the floor. As a result after the opening of the exhibit the decision was made to reinflate the balloon with air and suspend it from the hall's ceiling.

The project director and author of the balloon exhibit was Roger Pineau, who scoured the country for balloon memorabilia to put into the display. Ben Lawless of the Office of Exhibits supervised the imaginative installation, which is brightened by the fanciful and colorful art work of Nadya Makovenyi, Riddick Vann Jr. and Peter DeAnna.

SMITHSONIAN TORCH MARCH 1972

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Budget

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folk traditions, "Roots of American Culture." An appropriation of \$50,000 is sought to begin cooperative planning with the National Park Service and the District of Columbia for handling the influx of visitors expected during the celebration.

Also in the special programs category is a Major Exhibitions Program request for \$775,000 (an increase of \$250,000). This funding is geared to complete one major exhibit on the "World of Living Things" in the Natural History Building (\$250,000); start another, "Of the People, By the People, For the People," in the National Museum of History and Technology, (\$500,000) and plan a third, "The Earthbound Benefits of Flight" for the National Air and Space Museum (\$25,000).

An additional \$400,000 is sought for the National Museum Act to bring this special program of advisory and technical assistance to the nation's museums up to the full funding of \$1,000,000 as authorized by Public Law 91-629 in December 1970.

A \$500,000 request for the Conservation Analytical Laboratory, Smithsonian Libraries, Photographic Services Division, Smithsonian Archives, and the Office of the Registrar is aimed at improving the Institution's documentation and conservation resources.

A requested increase of \$1,155,000 for the Buildings Management Department will meet higher utilities and communications costs, provide guards, mechanics, and custodians for the Hirshhorn and Cooper-Hewitt museums, additional guards and custodians for other buildings, and provide for rental of an estimated 28,000 square feet of additional office space needed off the Mall.

The requested budget of \$1,600,000 for the Smithsonian Science Information Exchange Inc. will meet the costs of maintaining and developing data input on research that is planned or in progress. The Exchange serves as a national information service to the research community.

The Special Foreign Currency Program provides grants of excess foreign currencies for overseas archeological work, systematic and environmental biological research, astrophysical and earth sciences studies, and museum programs. A budget of \$6,000,000 is sought, an increase of \$2,500,000 over the current year's appropriation. The development and expansion of regular programs, as well as the opening up of important new research possibilities, especially in India and Poland, have resulted in a rising demand for these grants by American Institutions of higher learning. Some 200 such institutions in 32 states have benefited from this program.

Legislation now before Congress would authorize establishment of a Bicentennial Outdoor Museum at two federally-owned sites on the Potomac River—Fort Foote in Prince Georges County, Md., and Jones Point on the southern edge of Alexandria, Va. For planning this project the Institution is seeking \$275,000 in its construction budget.

In addition to the National Air and Space Museum and Bicentennial Park projects, \$675,000 is sought for planning a major lion and tiger exhibit and for repairs at the National Zoological Park, and a total of \$5,409,000 is sought for restoration and renovation of building projects. This includes \$3,500,000 for air conditioning and renovation of the Arts and Industries Building for use for the "Year of the Centennial," a recreation of the flavor of American life at the time of the Centennial Exposition of 1876. This section of the budget also includes funds for general repairs and improvements to buildings and facilities and for planning a sixth-floor addition to the History and Technology building for library purposes.

Kellogg Fund

The Remington Kellogg Memorial Fund for the "advancement of knowledge of fossil marine mammals," established last December, continues to grow. On the 79th anniversary of Dr. Kellogg's birth, a small group of his former associates in the Natural History Museum gathered in the Kellogg Library for coffee and apple pie (traditional birthday fare during his years at the Smithsonian). Mrs. Kellogg presented an addition to the endowment fund, supplemented by checks from several friends.

At the dedication ceremonies last year, in a surprise announcement by Dr. Leonard Carmichael, José Fénykövi presented a \$5,500 check in memory of Dr. Kellogg, for the acquisition of the skeleton of a fossil dwarfed elephant from Sicily, intended to serve as companion and counterpoint to the great African elephant donated by Mr. Fénykövi in 1955 and now dominating the rotunda of the Natural History Building. Unfortunately, a skeleton of the world's smallest species of elephant (about a meter at the shoulder) proved more elusive to the Smithsonian than the world's largest bull elephant did to Mr. Fénykövi, resulting this fall in SI reluctantly abandoning the project after some three years of effort. Meanwhile, Mr. Fénykövi's many friends at the Smithsonian Institution were grieved to learn of his untimely accidental death in Spain early in October.

Mrs. Fénykövi, in her desire to carry out Mr. Fénykövi's intent to honor the memory of his friend, has generously decided to transfer the gift to the endowment of the Remington Kellogg Memorial Fund.



SUPERVISORS WORKSHOP—BMD keeps its employees in shape too. Standing on the front steps of the Castle are BMD supervisors who completed a five-day workshop in supervisory skills, conducted by training director Hal Cohea. From left to right: first row—Charles Gearhart, Jessie Williams, Harrison Trout, Harry Bell, Annie McNeary, Henry Anderson, Joe Langford, Hal Cohea. Second row—Harry Bell, Lawrence Weakley, Richard Kilton, Everett Gustus, Joe Burney, Donald Elliott, John Oakley. Third row—Rodrick Milstead, Nathaniel Randolph, Maceo Mitchell.