Dr. Duane Hope was elected chairman; Dr. Erie Kauffman, chairman-elect, and Center for Short-Lived Phenomena. In this assignment he took part in the Eleanor Page Hicks and resides in Programs at the Smithsonian.

Mr. Coerr, Mr. Coerr's most recent position at the Smithsonian is fortunate in having Dan Clemmer. A native of New York City, Mr. Coerr is married to the for... of Environmental Education for its rare book collection. Mr. Warner, Mr. Coerr's graphic Office was Special Adviser to the National Academy of Sciences, and for some ten years prior to entering social service work on a full-time basis was a professional jazz mu... a deep and sincere interest in public service which has been reflected on Julian Euell's qualifications to succeed him. Mr. Euell brings to the Smithsonian position a deep and sincere interest in public service which has been reflected throughout his career both at the Smithsonian and before he joined the Institution.

Mr. Euell had served as Mr. Warner's Special Assistant since January 1970. Mr. Euell came to the Smithsonian from the Albert Einstein College of Medicine in New York City, where, as Director of Fine Arts and Children's Programs, Mental Health Division, since 1966, he had been responsible for the development of creative arts projects for inner city children and adults. This was part of a more comprehensive community-based program in mental health centered in the South Bronx.

Prior to that position, Mr. Euell conducted studies of the potential of creative arts programs in urban low-income areas for the Whitney Museum of New York and the National Endowment for the Arts. From 1962 to 1965, he served on the research staff of Dr. Kenneth B. Clark in the development of HARYOU (Harlem Youth Opportunities Unlimited) anti-poverty programs in central Harlem. Following the research phase, he served as first director of HARYOU's art program.

Mr. Euell received a Bachelor of Science degree in sociology from New York University in 1960. Earlier, he studied extensive at the Juilliard School of Music, and for some ten years prior to entering social service work on a full-time basis was a professional jazz musician and is among the musicians whose biographies are included in the 1960 edition of the authoritative publication The Encyclopedia of Jazz, edited by Leonard Feather.

While employed as a musician, Mr. Euell also worked with delinquent groups and with the juvenile court system in Essex and Hudson counties, New Jersey. Mr. Euell is now working on a doc...torate in American studies at George Washington University. He has been doing research in cultural history as it related to the development of black music and research on American culture in general.

Chinese Librarians Tour Smithsonian by Dan Clemmer SI Journal November 1973

Eight librarians from the People's Republic of China visited the Smithsonian Institution during the month of November.

They were accompanied by two Chinese interpreters and one member of the Chinese War at the Smithsonian. These visits to the Smithsonian and other American libraries were arranged by the Committee on Scholarship Communication with the People's Republic of China and the Chinese Scientific and Technical Association.

The delegation was welcomed to the Smithsonian by Paul Perrot, Assistant Secretary for Museum Programs, who presented a copy of The Smithsonian Institution, published by the Smithsonian and American Heritage, to the Peking National Library. Each member of the delegation also received a personal copy. The head of the Chinese delegation, Li Chao-ping, Director of the National Li...ning of a 12th-century Chinese Library, is the motto of the Center for Short-Lived Phenomena.

The delegation visited the MNH Division of Birds where Dr. George E. Watson described the research done by ornithologists at the Smithsonian, how scientists use the libraries, and the use of electronic data processing at MNH. This was followed by morning tea in the Botany Department Library, hosted by Mrs. Ruth Schallert, Miss Peggy Seal, and Miss Anne Seal. After a brief visit to the National Anthropological Archives where Dr. Her...n of China's best known and favorite universities. Dr. James H. Billington and Miss Mary Anglemeyer spoke to the group about the Center and its activities, and several Fellows of the Center asked questions concerning Asian and Chinese research materials. The visit was concluded with lunch in the SI Commons and a brief visit to the new SI Rare Book Room.
New Air and Space Museum Rises on Mall for 1976

The following article, entitled "Aerospace on the Mall," was written by Michael Collins, Director of the Smithsonian Institution, for Aerospace magazine. It was reprinted in the Congressional Record, and is being reprinted here with the consent of the Commission on Fine Arts. In the shadow of the Capitol, the building will be worthy of its location, which is the finest available in the city of Washington.

The exterior of the building will be a functional monument matching that of the National Gallery of Art, and gray violet rays. No attempt has been made to call attention to the entrance, so the building will be the focal point of the Mall in Washington, where one can see the Washington Square Arch of Lindbergh's "Spirit of St. Louis." Today, however, the Smithsonian is a growing commission, but in the long run it will spread literally around the world.

On the Mall itself, the changing character of the institution is evident than between 4th and 7th St., S.W. directly across the street from the headquarters of the National Aeronautics and Space Administration, where the new National Air and Space Museum is rapidly rising out of a three-block-long hole in the ground.

In building with modern ideas, this new National Air and Space Museum is not as young as one might imagine. In April 1944, when the late Gen. H. H. Arnold, Army Air Forces Chief of Staff (in pressman) Jennings Randolph, of West Virginia, that a systematic approach should be made to preserving data and displaying historic airplanes. The result was Public Law 722 of August 12, 1946, establishing a national air museum, whose responsibility it would be to maintain the national development of aviation; collect, preserve, and display aeronautical equipment of historic interest and significance; serve as a repository for scientific equipment and data pertaining to the science of flight; and to provide educational material for the historical study of aviation.

The Congress included provisions for selecting a site for a National Air Museum building to be located in the nation's capital, but it was not until 1958 that the present site was chosen and rezoned for that purpose. Clinton Anderson, of New Mexico; Leonard Car- michael, then Secretary of the Smithsonian; and aviation pioneer G. A. Leving, the famous aeronautical engineer, pilot, and amphibian designer, were instrumental in this process.

On July 19, 1966, Public Law 89-509 was passed, amending the name to be given the air museum to the National Air and Space Museum. (I was in charge of the effort of having spent the 19th circling the earth 16 times aboard Gemini X.) This same act authorized and directed the Regents of the Smithsonian Institution to prepare plans and construct a suitable building for the National Air and Space Museum.

Appropriations for construction were subsequently deferred by the Congress until expenditures for the Vietnam con- flict had shown a substantial reduction. In 1971, with the help of Sen. Barry Goldwater of Arizona and James Webb, former NASA Administrator, among many others, the Congress appropri- ated a redesign of the building, to make it smaller and more compact. It will be constructed with the $40 million limit of Congressional authorization. In 1972, $13 million was appropriated for the construction began, and mid-1973 finds a steel skeleton on which daily assumes more definite form.

When completed, it will have a clean and attractive facade. The entrance will be a monu- mous balance between the sleek aerodynamic shapes within it and the classical elegance of the traditional Mall. The National Gallery of Art. The genius behind the design is Cyo Obata, of the Louis S. firm of New York. The basic concept of Mr. Obata developed this concept after several months of study. His design, which has the approval of the Regents of the Smithsonian, the National Capital Planning Commission and the Commission of Fine Arts. In the shadow of the Capitol, the building will be

Opposing these grandiose concepts are growing pressures for a 70 mm space and history film projector. With this potential for large-scale visual presentations of the highest possible fidelity, we will be able to offer a dramatic substitute for viewing three-dimensional objects. Other auditoriums will, of course, also be available for a variety of non-scientific purposes, such as various lecture series which we present now and will continue to present in the future. For example, last summer the National Air and Space Museum in conjunction with the Smith- sonian Astrophysical Observatory, hosted a nine-week series entitled "Man and Cosmos." During this series, some of the finest astronomers in the country pro- vided (to standing-room-only crowds in a borrowed auditorium) a comprehensive and current survey of man's past and present concepts of the solar system, with particular emphasis on the results of space research over the past decade. The auditorium in our new museum will be invaluable in allowing us to explore this type of subject.

The second special-purpose chamber will be called the "Space theater," which will most closely resemble a planetarium. The audience of 300 will be seated in a one-degree field of view and actual stars and planets will be projected into their field of vision. In addition, some new photographic techniques will be used, both inside and outside the dome, to assist in creating the illusion that the visitor has left the sur- face of the planet and has traveled out into space. In keeping with the Smith- sonian's reputation for research and ac- curacy, every attempt will be made to explain recent discoveries in the fields of astronomy, meteoritics, comets, pulsars, quasars, and black holes. On a more frivolous, but entertaining level, the Smithsonian has an agreement with NASA which allows us to acquire any new space-related artifact to add to our collection for a representative sampling of space- craft, supporting hardware, documents and photographs.

We have started an art collection, small at present, but one which we believe will grow, for frequently one artist's eye has captured the flavor of an important event, which incorporates power and dimension. Also, from a practical standpoint, color photographs may fade after 50 years, but oils are good for 500 at least. In the new building, one hall will be devoted to space and art, but in addi- tion we will add paintings and three-di- mensional art objects wherever they en- able to do so.

In addition to the 26 exhibit halls, our new building will have two future-purpose chambers for education and entertain- ment. One will be an auditorium with a full-scale screen, slanted and curved to provide educational material for the historical study of aviation. The other two additional chambers will be museums, which have more machines than floor space to accommodate. And substitutes for actual artifacts will be available for more conventional learning. In addition, I believe that a mu- seum should be an auditorium, where the new National Air and Space Museum Rises on Mall for 1976...
SAO 15-Year Employees Honored

The first 15-year pin ceremony honoring employees at the Smithsonian Astrophysical Observatory in Cambridge, Mass., took place October 12 in the Phillips Library of Harvard Observatory. SAO headquarters shifted to Cambridge in 1955, with the appointment of Dr. Fred L. Whipple as Director. In 1956, Dr. Whipple accepted responsibility for optical tracking of satellites during the International Geophysical Year (1957-58). In October 1957 Spottoni I, the first artificial satellite, was launched by the Soviet Union. The first major hirings of support staff at SAO began shortly afterward.

Guards of the Month Named

Outstanding members of the Smithsonian employee chapter of the IA for August and September are the commanding officers of each of the four companies that comprise the force. Outstanding guards for August are Pfc. Charles A. Parker, Company A; Pfc. Maurice Washington, Company B; Pfc. Alynda D. McDonald, Company C; and Pfc. Gregory Miller, Company D.

Outstanding guards for September are Cpl. Edward J. King, Company A; Pfc. George R. Kuntz, Company B; Pfc. Tom W. Howard, Company C; and Cpl. Sherwood Pelham, Company D.

Parker McDonald Miller

King Kuntz Howard Pelham

Energy Conservation

Energy Conservation

period (30 minutes or longer), and at end of workday.
Replace bulbs with smallest effective size.
Reduce space lighting to levels adequate for work tasks.
Use natural light to supplement artificial when it does not conflict with air conditioning use.
Vehicle Use

Establish maximum highway speeds (10 miles per hour below posted speed) for all agency vehicles.
Use multigrade motor oil in engines.
Keep engines properly tuned and in good repair.
Keep tires properly inflated.
Use the lowest octane gasoline suitable for a particular vehicle.
Use car air conditioning sparingly, avoiding extended idling.
Keep cars properly tuned.

The dazzling display of flowers around the Smithsonian buildings that attracted both staff members and visitors in the past few months was the product of careful planning by the Institution’s first full-time horticulturist and the hard work of an American crew.

Even as cold weather sets in, plans are continuing for a kaleidoscope of floral decorations to educate as well as decorate during the next tourist season and in the years to come.

The landscaping is under the direction of James Buckler, who heads the new Horticultural Services Branch of the Smithsonian Office of Plant Services. In the past year he has been developing a plan of horticultural gardens for the Institution which encompasses a system of trees, shrubs, vines, annual and perennial flower borders, and interior plantings of tropical foliage material.

For almost a year, the landscaping crew, working under foreman Kenneth Hawkins, planted 12,000 summer annuals such as petunias and marigolds, 5,000 tall chrysanthemums, and 1,000 azaleas, and 20 major new flower beds. They have laid 3,200 square yards of new sod, have planted 800 shrubs, and have placed 500 tropical plants in various buildings. A total of 125 new major trees are now in place or will be planted. Some 2,000 evergreen border trees have been placed at the Paul Revere and Portrait Galleries, where the courtyard has been completely redesigned and replanted. As fall weather sets in, the grounds crew removed 10 banana trees that had been comments from passers-by in the warm-weather months, and began the planting of 76,000 tulip bulbs for next spring. The banana trees will spend the winter inside and be replanted for next summer when they are expected to produce fruit.

This winter the crew will be kept busy with pruning and mulching work as well as snow removal. When warm weather returns, they will begin work in setting out the 20,000 annuals planned for next year. Plans also call for 8,000 mums and 100 tulip bulbs in 1974.

The shrubs or other plant material removed in the course of landscaping operations is not destroyed but is moved to beds at Silver Hill, Md., fertilized, and nourished back to health, if necessary, for later reinstallation around the buildings.

The landscaping program began when Mr. Buckler came to the Smithsonian in 1972. He received his Bachelor of Science degree in horticulture at the University of Maryland and his master’s degree in horticulture, specializing in botanical garden and arboretum management, from the University of Delaware in the Longwood program. In addition to his academic studies he completed two years of practical management experience at Longwood Gardens in Kennett Square, Pa.

In addition to improving the Smithsonian’s image through attractive landscaping, Mr. Buckler has the goals of continuing research and public education. He is keeping accurate records of plants at the Smithsonian, and the Horticultural Services Branch is embarking on a thorough labeling program. Eventually all plants will be marked with labels bearing their common and scientific names and their countries of origin.

“People should be able to come away from the Smithsonian with landscaping ideas,” Mr. Buckler said.

He envisions plants appropriate for each building, such as oriental plants to go around the Freer Gallery, native American plants around the Natural History Building, and plants of each plant species outside the Museum of History and Technology. He is also working on a Smithsonian emblem into a floral pattern to go in front of the Joseph Henry statue on the Mall. He is reproducing an elaborate embroiler embroiler border of the late 1870s to go in front of the restored Arts and Industries Building. Plans call for continuing changes in each of the flower beds. Other plans include increased numbers of interior plantings and combined landscaping in areas of heavy traffic and construction work. Mr. Buckler hopes to restore the exterior of the MHT building by next spring, erasing the Metro excavation scars on the east side of the Museum. An extension on the present greenhouse south of the Smithsonian Building is also being built.

The Horticultural Services Branch has landscaping responsibility for all of the Smithsonian buildings in downtown Washington and for Barney House and the facilities at Silver Hill. Mr. Buckler also works as a consultant for the National Zoo, the Cooper-Hewitt museum in New York, and the Haskell and for the Chesapeake Bay Center for Environment.

“We hope to make the grounds a showplace by 1976 (the Bicentennial year),” Mr. Buckler said.

A ‘WISE OWL’ HONORED—Mary J. Mann, an MNH technician, is the first Smithsonian employee to become a member of the SI chapter of the Wise Owl Club of America. The club is sponsored by the National Society for the Prevention of Blindness, Inc., to encourage vision conservation and provide recognition for those in industry or schools who have seen through the use of safety eyewear. Miss Mann qualified for membership June 27 when a fragment of a metal window struck a lens of the safety glasses she was wearing. Had she not been wearing the glasses her vision could have been seriously impaired. Richard S. Minich, SI Safety Management Officer, is shown presenting Miss Mann a copy of the charter received August 31 establishing the SI chapter of the club.

Gathered around one of the Victorian-style flowerbeds outside the Smithsonian Institution Building are the men responsible for the new floral landscaping of the SI complex this year. Standing, from left, are Robert Nicholson, Gerald Williams, James Jones, George Thomas, Howard James. In front row, from left, are James Buckler (director of the Horticultural Services Branch of the Office of Plant Services), Denver Hazelton, Ricky Austin, Youssouf Abdul-Kadir, Ken Hawkins (foreman), Ray Dudley, and Wayne Moody.

Hard Work by Landscapers Beautifies SI Grounds

SMITHSONIAN TORCH

November 1973
New Law Grants 'Bonuses' to Retirees

President Nixon has signed into law a bill giving annuity increase "bonuses" to federal employees who retire after such raises go into effect. This new law provides that retiring employees at least 10 years before the increase of the last annuity raise that occurred before their retirement. A 6.1-per cent raise occurred on July 1 and amounted to 6.1 per cent. Employees retiring after July 1 and before January 1, when another annuity increase is due, will be entitled to the 6.1-per cent raise or the increase in annuity earned by additional service since July 1, whichever is the greater. They also will be entitled to the January 1 increase, which is expected to be at least 5.5 per cent, if they are on the retirement rolls. Thus the total increase in their annuities will be at least 11 per cent.

Eligible employees who desire to take advantage of this additional bonus should contact their personnel consultant for further information.

Charles DeVault Is New TV Coordinator

Charles DeVault has been appointed to the newly created position of Television Coordinator. In the new position Mr. DeVault will be responsible for developing and maintaining the growing telecommunications involvement of the Institution. Most immediate of his duties will be the performing liaison between the Smithsonian and the David Wolper organization in the production of a series of television documentaries.

Mr. DeVault has been Assistant Director of Broadcasting at The Pennsylvania State University since 1964. Prior to joining the staff of Penn State, he worked for ten years at WYTV, Youngstown, Ohio, as assistant general manager, program director, and, most recently, as manager of the public affairs program. Before that he was a producer-director for WJW-TV, Cleveland. He also worked as a staff announcer and director for WFMJ-TV in Mahoning County and was active in community theater in both cities. A native of Ohio, Mr. DeVault received his undergraduate degree from Ohio University and his M.A. from Kent State University.

Personnel Director Gives Advice on Retirement Funds

Dr. Fred Whipple Receives Henry Medal

Dr. Fred L. Whipple, former director of the Smithsonian Astrophysical Observatory at Cambridge, Mass., was active in community theater in both cities. A native of Ohio, Mr. DeVault received his undergraduate degree from Ohio University and his M.A. from Kent State University.

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