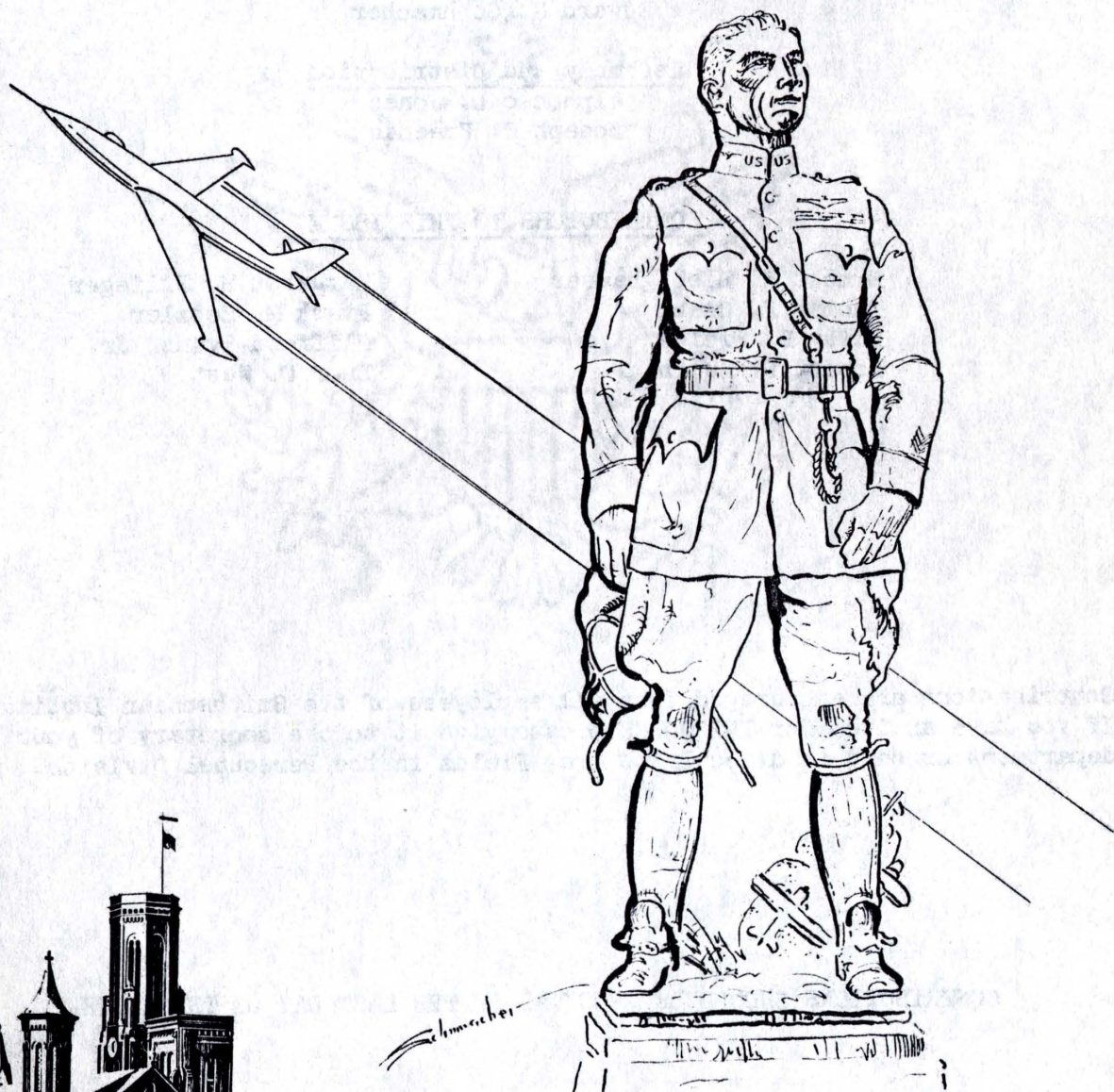




January 1958

THE SMITHSONIAN

# TORCH



SMITHSONIAN INSTITUTION • WASHINGTON, D. C.



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Contributions are encouraged from all employees of the Smithsonian Institution. If you have an item for THE TORCH please give it to the secretary of your department or send it directly to Mrs. Fields in the Personnel Division.

CONTRIBUTIONS SHOULD BE RECEIVED BY THE LAST DAY OF THE MONTH.

(Published monthly for the employees of the Smithsonian Institution)

January 1958

Number 35

STATUE OF BILLY MITCHELL

A bronze statue of Brigadier General "Billy" Mitchell, renowned pioneer of airpower and prophet of the air age, was unveiled last month in the Aeronautical Hall of the Arts and Industries Building. The ceremony was one of several events held on December 17 that marked the anniversary of man's first flight--accomplished 54 years ago by the Wright Brothers--and is a climax of the year in which the Air Force celebrates its Golden Anniversary. The statue is one and one-sixth life size and shows the General in his World War I uniform, bareheaded but with his helmet and goggles in hand as though about to step into his airplane. The figure is leaning slightly forward, as though braced against the slip stream of the propeller.

The donor of the statue was the late George Stephenson of Philadelphia who did not know General Mitchell personally but admired him for his courage and vision. Mr. Stephenson's offer to provide the statue was sponsored by Representatives Joseph W. Martin and John W. McCormack of Massachusetts, and approved by Congress and Former President Harry Truman. Several members of the family of George Stephenson were present at the ceremony and received the thanks of Secretary Carmichael.

The sculptor, chosen with the advice of the Commission of Fine Arts, and the Smithsonian Art Commission, is Bruce Moore, a graduate of the Pennsylvania Academy of the Fine Arts and winner of a Guggenheim scholarship under which he studied in France and Italy.

At the ceremony Secretary Carmichael said that the statue was being placed temporarily in its present location pending construction of an adequate building for the National Air Museum in which the statue will be in the Aeronautical Hall of Fame. He spoke of the appropriateness of displaying it with a collection that is rich with famous aircraft and the mementos of renowned aviators, many of whom were close companions of the famous flying general. He mentioned particularly the Spad airplane which Mitchell flew in France in World War I and is now displayed in the same hall with the statue. The Secretary expressed his appreciation to the relatives and friends of General Mitchell who had cooperated with the Museum and the sculptor in supplying photographs and information.

The principal speaker was General Carl Spaatz, who had fought and flown with General Mitchell in World War I and who had been his intimate friend. He recalled their association together and praised the farsightedness of Mitchell's prophesies.

Bruce Moore spoke briefly of his work on the statue and thanked those who had assisted him to portray the spirit, as well as the likeness, of the famous flying general.

The statue was unveiled by William Mitchell, Jr., son of the general. A parachute was used for the cover, recalling Mitchell's prophecy of the use of paratroopers in warfare. Music was furnished by a section of the Air Force Band, and ushers were provided from the ceremonial detachment at Bolling Air Force Base.



# ASSISTANT SECRETARY RETIRES

John E. Graf, Assistant Secretary of the Smithsonian Institution since 1945, retired as of December 31 after 26 years with the Smithsonian.

Mr. Graf was given a farewell party on November 29 in the Great Hall of the Smithsonian Building that was attended by hundreds of his Smithsonian friends.

After a trip to Florida, where he said he "----near froze to death," Mr. Graf dropped by the Smithsonian on January 6 for a short visit.

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# TWO RECEIVE AWARDS

Secretary Carmichael presented awards for meritorious service on December 12 to John C. Ewers, museum specialist in the office of exhibits, and Mrs. Mona M. Graham, administrative clerk in the office of the Assistant Secretary.

When making the presentations Secretary Carmichael cited the two recipients as follows:

To Mr. Ewers: "This award is based upon the exceptionally fine work you did on your own limited time in preparing an ethnological report for the Department of Justice while continuing to fulfill your enormous responsibilities as Planning Officer of the Museum of History and Technology.

"Particularly commendable is the fact that during the same period you furnished considerable assistance to the Division of Ethnology in the renovation of Hall 9; and added to your many duties the planning functions for the new wings for the Natural History Building."

To Mrs. Graham: "This award is based upon your exceptional diligence, ability, and initiative involving complex and sensitive problems requiring the exercising of considerable diplomacy and tact."

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and sensitive problems requiring the exercise of considerable diplomacy and tact."

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# BAE DIRECTOR RETIRES

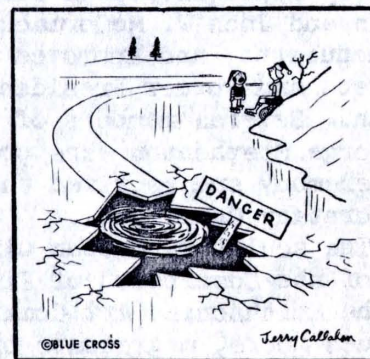
Dr. Matthew W. Stirling, Director of the Bureau of American Ethnology, retired on December 31. He was with the Smithsonian Institution for over 30 years.

On the date of his retirement Dr. Stirling was presented with a portfolio of letters from Smithsonian colleagues and from scientific associates throughout the country. The letters congratulated Dr. Stirling on his fine record over the years and extended best wishes on his retirement.

Dr. Stirling was made Chief of the Bureau in 1928, the title being changed to Director 20 years later.

Dr. Frank H. H. Roberts, Jr., Associate Director of BAE and Director of River Basin Surveys, was appointed as Director of the Bureau effective January 1 this year. He will continue to direct the River Basin program in addition to his other duties.

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"Mom, do we have Blue Cross for Daddy?"

# ANCIENT GLASS

"Glass from the Ancient World"--a special exhibition of the Ray Winfield Smith collection--opened in the foyer of the Natural History Building on December 28, continuing through January 16. Specimens of high artistic, technical, and historical significance were on view, organized on a basis permitting the visitor to observe progressively the contents of about 100 display cases containing man's accomplishment during the first 27 centuries of production in one of the most versatile of all materials.

The preeminence of the Ray Winfield Smith collection has been internationally recognized. Portions of it have been exhibited in the galleries of many museums, including in the United States the Metropolitan Museum of Art, the Corning Museum of Glass, the Brooklyn Museum, the Museum of Fine Arts, Boston, the Fogg Museum of Art (Harvard University), Dumbarton Oaks, the Virginia Museum of Fine Arts, and the Museum of Fine Arts, Houston. European museums which have exhibited objects from this collection include the Musée du Louvre, Paris, the Chateau de Mariemont, Belgium, the Dahlem Museum in Berlin, and the Kurpfälzisches Museum in Heidelberg.

The objects from this exhibition were on display in the special summer show at the Corning Museum of Glass this year.

The Smith collection is particularly rich in vessels and other objects connected with the earliest centuries of the Christian religion and in Islamic cut glass. The Daphne vase, found in southern Russia, was for some years in the possession of J. Pierpont Morgan. The "Judgment of Paris" bowl is a clear plate painted with this mythological scene in an important technique involving dark contours and the use of numerous colors.

Also of particular interest are the earliest specimens of glass vessels of the type found in royal tombs of Egyptian kings of the Eighteenth Dynasty. Possibly the earliest glass drinking vessel known was on display. Rare types of glass from the Elamite ziggurat at Tchoga-Zanbil in southwestern Iran are also included. The various types of luxury ware from the Roman centuries, such as millefiori, cameo-cut, goldband, etc., are well represented. The earliest known dated object in glass, an Arabic glass vessel stamp made in the year 100 of the Hejira is of special interest.

The owner of this collection has been prominent for many years in connection with ancient glass. He is chairman of the International Committee on Ancient Glass, as well as the chairman of the Committee organized by the Archaeological Institute of America in this field. Mr. Smith, who has written and lectured extensively on ancient glass, is a Fellow of the German Archaeological Institute and of the American Association for the Advancement of Science.

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# ALL ABOARD!

Last call for the European tour! To date 46 people have expressed a desire for the bargain-rate 21-day round-trip to Europe which will be via one of the internationally known airlines. Unless at least 75 persons (which may include wives and husbands) sign up by February 1, the trip is off. See December TORCH for details or call Mrs. Kidwell or Mrs. Fields, Ext. 277.

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# BRITISH CONSULTANT DESIGNS NEW HALL

Dr. Derek Price, adviser on scientific instruments to the British Museum, National Maritime Museum (Greenwich), and Whipple Museum (Cambridge, England), has been with the USNM this year in the capacity of consultant in the exhibitions of physical science.

Under Dr. Price's guidance plans have been drawn for an exhibit hall in physics, mathematics, and astronomy. Some of the features of this hall will be a full-sized reproduction of an Alexandrian observatory, such as that used in the observational work of Ptolemy; a full-sized reproduction of the shop front of the American instrument-maker and dealer Benjamin Pike, with physical instruments displayed therein; the original shop of the pioneer American telescope-maker Henry Fitz (about 1840); and typical mid-19th century astronomical instruments displayed under the original dome of the Dartmouth College Observatory.

In a series of visits to colleges and universities Dr. Price has collected a number of pieces for these displays, as well as others which will make this hall an outstanding exhibition in the field of physical science.

Dr. Price and family returned to England in January.

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# BUILDING DESIGNS APPROVED

Acceptance of the design of twin additions to the Natural History Building was announced recently by General Services Administration.

At the same time GSA released for publication in behalf of the Smithsonian the facade which has been accepted for the Constitution Avenue frontage of the extended building.

The acceptance was announced after the Commission of Fine Arts had approved

the design in general and the National Capital Planning Commission had approved the location of the twin extensions on the site within existing building lines.

The Fine Arts Commission pointed out that the accepted design successfully solved the problem of joining the mass of the wings with the mass of the original building, keeping the total mass of the extended structure in scale with nearby buildings.

The twin extensions have been designed to harmonize with the existing building, which was completed in 1911. Each extension will have a basement, ground, and six upper floors. In matching the existing main structure the architects have designed a facade in which existing cornice lines are continued across the extensions.

Each extension will lengthen the Natural History Building by approximately 200 feet on Constitution Avenue. The extensions, which will be approximately 180 feet in depth along both 9th and 12th Streets, will provide a total of 523,292 square feet of gross floor area.

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# RIDE WANTED

To and from vicinity of Vienna, Virginia. Please call Lettie Bevis, Ext. 246.

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Blessed is he who has nothing to say, and can't be persuaded to say it.

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# RECEIVES RESEARCH GRANT

Secretary Carmichael recently received the first grant for research awarded to the Smithsonian Institution by the Creole Foundation. Gordon Hough, United States representative for the Foundation, presented the check on December 13.

The ceremony, which took place in the division of archeology, was attended by Dr. Clifford Evans, associate curator, Dr. Betty J. Meggers, research associate, and Dr. Waldo R. Wedel, curator, all of the division of archeology, and Frank M. Setzler, head curator in the department of anthropology, and other members of the Smithsonian staff.

The \$2,250 grant is for dating by radioactive carbon-14 a large series of charcoal samples obtained from stratigraphic excavations in aboriginal village sites on the Upper Orinoco River and one of its major tributaries, the Rio Ventuari, in Venezuela.

The Creole Foundation, incorporated in 1956 by the Creole Petroleum Corporation of Caracas, Venezuela, has been established as a non-profit organization for "the support and encouragement of educational, cultural, and scientific activities." The objectives of the Foundation are similar to other such organizations in programs in the educational, cultural, and scientific fields in the United States and Venezuela. The Creole Petroleum Corporation is a United States company operating in Venezuela.

The charcoal specimens were obtained in February and March when Drs. Evans and Meggers accompanied Dr. José M. Cruxent, director of the Museo de Ciencias Naturales and professor in the Universidad Central de Venezuela, on an archeological expedition into the Territory of Amazonas, Venezuela. Although other parts of Venezuela, especially the coast, have been studied, the tropical forest

regions of the interior of Venezuela have not received much attention by trained archeologists.

This research project by Drs. Evans, Meggers, and Cruxent was the first intensive and extensive archeological field project in the Territory of Amazonas, covering 40 aboriginal sites with stratigraphic excavations in the majority of the sites with the collection of over 1-1/2 tons of potsherds. These specimens are now being washed, catalogued, and classified.

Charcoal samples of charred wood and charred palm nuts came from various layers in the excavations. Dating these samples by the radioactive carbon-14 methods will establish dates for a number of sites, making it possible to pinpoint the cultures in time. These dates will have significance beyond the reconstruction of local prehistory of the Territory of Amazonas, Venezuela.

This area occupies a strategic position near the junction of the Amazon and Orinoco drainages and thus holds a key to understanding the aboriginal development of man in the northern part of South America.

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# A&I EAST ENTRANCE TO BE CLOSED

The buildings management service is planning to remodel the east entrance of the Arts and Industries building beginning about the middle of January. Completion of this work is expected about the end of March. During the time this work is being done it will be necessary to close the entrance to all personnel, and delivery of material of any kind will not be permitted. Cooperation of the staff will be appreciated while the renovation of this entrance is in progress.

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## DIAMOND JUBILEE

The Civil Service Commission this year is celebrating 75 years of service to the citizens of the United States. On January 16, 1883, the Civil Service Act was signed into law and established the framework for a personnel system under which today over two million employees work for the American people.

To the citizen who applies for a Federal job and for the one who is a Federal career worker, the merit system established by the Civil Service Act is a guarantee that he may qualify for a job on the basis of ability to do the work, without discrimination with regard to race, religion, national origin, or politics. It entitles him to consideration for promotions on the same basis, and it provides protection from arbitrary dismissal and from being obliged to render any political service or tribute.

To the citizen who is not a Federal employee and who does not seek such employment, the merit system guarantees selection of the best qualified people available for the public service. It requires of public servants high standards of conduct and competence in their employment.

To all citizens it means a stable Government service capable of preserving the continuity of essential Government programs required by the American people. It means freedom from the upheavels of the old spoils system which, with each change of administration, saw such mass removals of Government workers that the Government machinery was frequently brought to a complete standstill.

All Federal employees are encouraged to participate in community activities commemorating the 75th anniversary of the merit system.

## THANKS YOU

Charles C. Sinclair, assistant buildings manager, would like to thank his many friends for their kind thoughtfulness during the long illness of Mrs. Sinclair. He states she is now home and is making satisfactory improvement.

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## RETIREES

Friends of Thomas N. McCabe, mason in the maintenance division, gathered in the Regents' Room on Friday afternoon, December 20, to wish him many happy years of retirement. Mr. Oliver, buildings manager, presented Mr. McCabe with a monetary gift together with one of the prized Smithsonian retirement cards made by Carl Hellyer.

Mr. McCabe came to the Smithsonian in August 1929 and, with a period of military service during the First World War, has served the Government for 30 years. When presenting the gift Mr. Oliver mentioned several of the "monuments" Mr. McCabe has left, such as the building in the east court of the Natural History Building and the portion of the cement roadway back of the Smithsonian Building.

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## CONGRATULATIONS

To Corporal John N. Swope of the guard force who married recently.

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## ANTHROPOLOGISTS MEET IN CHICAGO

Four members of the National Museum's department of anthropology participated in the 56th Annual Meeting of the American Anthropological Association held in Chicago at the Palmer House from December 27 through December 30. This was the largest meeting in the history of the Association, with over 950 registered delegates and with as many as 8 to 10 simultaneous sessions.

Public reaction to the mobs crowding the corridors, jamming the elevators, and overflowing the 3d and 4th floor meeting rooms, was demonstrated by the following incident. Delegates wearing their blue lapel-label identification tags and jammed into the back of the elevator descending from the 23 floors of the Palmer House were eyed by a smartly dressed woman and her escort with black homburg and expensive overcoat. One asked: "What group is having the convention?" Cliff Evans answered: "The American Anthropological Association." "What?" "The American Anthropological Association." As the elevator stopped at the 4th floor and about half a dozen anthropologists squeezed out, they heard the remark, "Ask a foolish question and you'll get a foolish answer!"

One well-attended session was a symposium entitled "Migrations in New World Culture History." In this symposium Dr. Betty J. Meggers, research associate, delivered a paper written jointly with Dr. Clifford Evans, associate curator of the division of archeology, entitled "Archeological Evidence of a Prehistoric Migration from the Rio Napo, Ecuador, to the Mouth of the Amazon." In the same symposium a paper prepared by Dr. Marshall T. Newman, associate curator of the division of physical anthropology, read a paper entitled "A Trial Formulation Presenting Evidences from Physical Anthropology for Migrations from Mexico to South America."

Dr. Evans and Dr. Meggers presented another invited paper in a symposium on "Culture Area Analyses." Their contribution was "Culture Areas in South America, an Archeological Point of View."

Dr. Saul Riesenbergs, acting curator of the division of ethnology, attended the meetings and enjoyed meeting old friends in the crowds of anthropologists. The last meeting he attended was in 1950, because during subsequent years the distance was too great for him to come from the University of Hawaii. Most important of all, however, Dr. Riesenbergs had the opportunity to interview about 15 candidates who expressed interest in the position of "associate curator, specialist in Africa," in the division of ethnology.

The next annual meeting of the American Anthropological Association will be held in Washington, D. C., in the last week in November 1958, at the Shoreham Hotel. The Anthropological Society of Washington will be the organization host, making all local arrangements and planning the programs. All local anthropologists, their wives, friends, and many of the SI staff will be involved in trying to corral the mob of delegates into some sort of organization. Ideas are welcome. Don't everybody take off for the field!

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## LOST

The library would like to recover a lost book: "The Conservation of Antiquities and Works of Art," by Harold James Plenderleith. If you find this book please notify the library, Ext. 382 or 203.

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## NEW APPOINTMENTS:

## Museum Curator:

Louis S. Casey (NAM)

## Consultant:

Eugene Kingman (MHT)

## Observer:

Kenneth R. Morrison (APO)

## Position Classifier:

Fernando L. Leon (Personnel)

## Library Assistant:

Stanley Garfiel (Library)

## Chief of Computations Division:

Richard M. Adams (APO)

## Communications and Teletype Operator:

Harold F. Foley (APO)

## Museum Aids:

Beatrice J. Cogdell (Zoology)

Edwin H. Pilson, Jr. (Armed Forces  
History)

Christopher C. Magrath (NAM)

## Technical Typist and Secretary:

Lillian B. Christmas (APO)

## Clerk-Stenographers:

Marilyn H. Malin (Civil History)

Rhoda G. Kudish (NCFA)

## Clerk-Typists:

Amy C. Holland (USNM, Off. of Dir.)

Sheila Goldman (NCFA)

Thelma T. Bourne (APO)

## Animal Keeper:

Wayne A. Green (NZP)

## Operating Engineer:

William Bleich

## Policemen:

Lacy Ellerbe (NZP)

Herbert M. Bell (NZP)

## Guard:

Ben F. McCurdy

## Painters:

Charles E. Windsor

William T. Garner

## Plumber:

Harold A. Nelson

## Laborers:

Claude E. Ardrey

Rosetta Proctor

## SEPARATIONS

Barbara B. Burkhead

Donald F. Daley

Amos Turner

Carolyn M. Parker

Elbern Faulkner

Robert H. D. Gaskins

John E. Graf

Edgar G. Laybourne

Thomas N. McCabe

Ann H. Sneden

William F. Somers

Matthew W. Stirling

Albert R. Thum

Leo J. Law

Harry M. Wingo

Emilie L. Dempsey

Mona M. Graham

Barbara J. Jacobsmeyer

William C. Kight

Leslie J. Newville

Lawrence Spaeth

Charles W. Johnson

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## BOOK AND PENCIL TIME

Time once more to turn leisure time to profit. Registration begins at local universities and the Department of Agriculture graduate school the first week in February. The variety of courses offered at these institutions provides many opportunities for self-improvement which can lead to greater employment opportunities.

Catalogs and information are available in the Personnel Division. Come in and help yourself. A member of the staff will be glad to help you plan your educational program.

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Speech is the dress of thought.  
Remember this every time you talk  
for your mind will be on parade.

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## FREER TRAVELERS

A. G. Wenley, Director of the Freer Gallery of Art, attended the Congress of Orientalists in Munich in mid-August where he read a paper on "Bronze Vessels Found at Loyang." He also studied private and museum collections in Europe. He returned to Washington on November 12.

Rutherford J. Gettens, associate in technical research, and James F. Cahill, assistant in Chinese art, were selected as delegates to the UNESCO Conference in San Francisco in November.

Dr. Richard Ettinghausen, associate in Near Eastern art, left December 17 to attend the International Islamic Colloquium at the University of the Panjab, Lahore, Pakistan, as a guest of the Government of Pakistan. Following this meeting he will give a series of lectures and conduct research in the Near East.

Harold P. Stern, assistant in Japanese art, has returned from Korea, Japan, and other points in the Far East. While in Korea Mr. Stern worked with Korean government and museum officials to arrange for the cataloging, packing, and transportation of the Korean Imperial Treasures now on exhibition at the National Gallery of Art.

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## LILLIAN C. WARFIELD

Miss Lillian C. Warfield, nurse at the National Gallery of Art, died on December 31. Miss Warfield was the Gallery's representative on the Board of Directors and was a member of the Credit Committee of the Smithsonian Institution Employee's Federal Credit Union. She was the Credit Union's collector at the National Gallery since 1944.

## PLANNING FOR RETIREMENT

A noncredit course to help men and women who wish to make the most of their years and opportunities in planning for retirement will be offered for the first time by the George Washington University through the Division of Community Services of the College of General Studies. The tuition fee is \$20.

The constructive programs of thought and action for retirement planning, which have been used by many of the large business and industrial firms, are now available in this study-discussion course.

The sessions of the course have the following titles: The Challenge of Later Maturity, The Physical Side of Aging, Nutrition and Health in the Later Years, Mental Health in Later Life, Your Retirement Income, The Meaning of Work and Retirement, Getting the Most out of Leisure, Family, Friends, and Living Arrangements, Where to Live when You Retire, and Summing Up.

If sufficient prior registrations are received, the course will be offered Monday evenings, from 7:30 to 9:00 beginning February 3, 1958. Participants will be notified by telephone of the meeting place.

For further information, telephone the College of General Studies, The George Washington University (ST 3-0250, Ext. 441). The College of General Studies is located at 706 20th Street, N. W.

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## EXHIBIT AT BRUSSELS FAIR

The Smithsonian Traveling Exhibition Service has been invited by Howard S. Cullman, U. S. Commissioner-General for the Brussels World Fair of 1958, to organize an exhibition of "American Folk Art" to be shown in the United States Pavilion.

Mrs. John A. Pope, chief of the Traveling Exhibition Service, and Leslie Cheek, Jr., Director of the Virginia Museum of Fine Art in Richmond, are in charge of the exhibition, which will emphasize America's rich heritage in the popular arts with approximately 75 carefully selected paintings and sculptures. Included will be characteristic paintings, many by anonymous artists, showing life in America in the 18th and 19th centuries. Large-scale Early American wood sculptures --ships' figureheads, cigar-store Indians, circus horses, and weathervanes--will be shown in the modern building designed by architect Edward Stone.

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## DIFFUSION OF KNOWLEDGE

Dr. John A. Pope, Assistant Director of the Freer Gallery, appeared on the recent opening TV program of the University Museum's "What in the World" over WCAU in Philadelphia. Perhaps some will remember this interesting program when it was a network broadcast.

Postcards to our local stations might aid "What in the World" in obtaining a network outlet in Washington. This program has a great deal to offer in the way of education and is presented in a delightful and interesting manner.

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Only trouble with a person being temperamental is that they show about 90% temper and only about 10% mental.

## RECIPE

John W. Macy, Jr., former executive director of the Civil Service Commission, gives this prescription for public service, as he borrowed it from an official of the Canadian Government: "Mix equal parts of knowledge, imagination and judgment, add a large pinch of patience, sufficient moral courage and, if you can find it, a good sense of humor. Stir in a bit of enthusiasm and, if the prescription is still hard to take, add a good deal of gratitude for the privilege of being able to work in and for a country that gives you so many blessings to enjoy."

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## LECTURES ON ORIENTAL ART

Dr. Jane G. Mahler of Columbia University will present an illustrated lecture on "The Glory of Medieval Burma" in the auditorium of the Freer Gallery of Art at 8:30 p.m. on Tuesday, March 11.

This is the second of the Freer Gallery's 1958 series of illustrated lectures on Oriental art.

On January 7 a lecture on "The Korean Imperial Treasures" was presented by Harold P. Stern, assistant in Japanese art at the Freer.

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## ENGAGED

Wedding bells will ring this year for Joyce Lea Hurley, Freer Gallery of Art, who is now wearing a beautiful engagement ring.

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REPORT OF THE TREASURER OF THE SMITHSONIAN INSTITUTION  
EMPLOYEES FEDERAL CREDIT UNION FOR THE YEAR  
ENDED DECEMBER 31, 1957

## BALANCE SHEET

Assets		Liabilities	
1957	1956	1957	1956
Loans	\$136,281.96	Shares	\$144,376.13
Cash in bank	7,518.96	Accounts Payable	421.45
Petty Cash	10.00	Reserve for	
Change Fund	50.00	Bad Loans	10,675.34
Fed. Savings &	19,751.01	Undivided	
U.S. Savings Bonds	---	Profits	6,976.56
Furn. & Fixt.	5.00		7,086.37
Prepaid Exp.	---		
	163,616.93		159,670.93

## STATEMENT OF INCOME AND EXPENSES

Expenses		Income	
1957	1956	1957	1956
Sty. & Supplies	\$16.93	Interest	
D.C. League Dues	236.28	rec'd.	\$10,535.05
Borrower's ins.	814.94		\$10,756.94
Life Savings ins.	832.90	Income from	
Auditor's fee	318.55	investments	272.28
Supervisory fee	47.70		497.53
Bond premium	201.12	Other income	29.25
Bank service chg.	2.85		36.12
Treasurer's sal.	1,500.00		
Other salaries	455.00		
Misc. expenses	55.46		
	4,481.73		10,836.58
Net profit	6,354.85		11,290.59
	10,836.58		11,290.59

## STATISTICAL REPORT

	No.	Amount
Loans made in 1956	387	\$164,002.79
Loans made in 1957	408	172,338.03
Loans made since organization	7,230	1,730,937.90
Loans outstanding December 31, 1957	373	136,281.96
Loans outstanding December 31, 1956	364	134,481.85
Bad loans written off since organization	30	1,513.21
Total paid on shares since organization		319,609.33
Number of members December 31, 1957	729	
Number of members December 31, 1956	716	
Dividends paid since organization	21	41,270.42
U.S. Savings Bonds sold since organization	7,365	568,691.50

THOMAS F. CLARK, Treasurer



## EXCAVATES INDIAN MOUND

A famous West Virginia Indian mound recently excavated under the direction of Frank M. Setzler, head curator of anthropology, has yielded important information on the prehistoric, 3000-year-old Adena people of the Ohio Valley.

The mound was located 16 miles south of one of the largest Indian mounds in the United States--the Grave Creek mound at Moundsville, W. Va. Measuring 20 feet high and 110 feet in diameter, and situated on the third terrace above the Ohio River, the mound was doomed to imminent annihilation because of the tremendous expansion program in this rapidly growing industrial area between Wheeling and Huntington.

Comments Mr. Setzler: "A bulldozer could have leveled the 100,000 cubic feet of earth in a couple of days. However, the Columbia-Southern Chemical Corp., a subsidiary of the Pittsburgh Plate Glass Co., recognized the scientific possibilities and saw a chance to record and preserve whatever archeological data and materials the mound might contain. The director of the Natrium plant, C. E. Wolf, thereupon sought the assistance of the Smithsonian Institution and indicated that his corporation would supply the labor, equipment, laboratory facilities, and an engineer if the Institution would send an archeologist to direct the excavation."

This unique offer of collaboration was accepted, and Mr. Setzler spent the period from October 7 to November 22 at the site, carefully excavating with a crew of about half a dozen men using shovels and mattocks. The spill dirt and the eroded sides were moved by a bulldozer.

"One of the most remarkable specimens uncovered," says Mr. Setzler, "was a carved effigy tubular pipe. The normal pipe of these Adena people was a straight tube. In this case the prehistoric sculptor carved the head and neck of a shoveler duck with an expanding bill, eyes, and slits for nostril. But the most diagnostic trait was a series of fine incised lines on the underside of the bill to represent the lamellae so characteristic of shoveler ducks. This pipe represents the only bird effigy

recorded from an Adena mound and is the third carved tubular pipe from this cultural horizon. It is made from Ohio limestone, a type of material relatively soft and easy to carve when freshly dug from the ground. After exposure to the air the stone becomes hard and brittle.

"Three adult human skeletons had been buried in the mound. The bodies were lying on and covered with several layers of what appeared to be oak bark. The acidity developed by these bark coverings rapidly decomposed all perishable objects buried with the dead. Even the bones of the skeletons were hardly more than imprints in the earth. A large canine tooth, possibly of a wolf, was found in the mouth cavity of the male skeleton. This could indicate that he was buried wearing a shaman or tribal leader costume such as a wolf mask. A mask of this type has been found in one of the Ohio Adena mounds. In one sense these central burials were unique in the absence of nonperishable objects such as stone, bone, or shell associated with the dead."

The artifacts and skeletal materials recovered from the mound will be subjected to detailed study at the U. S. National Museum before a full report on the site can be made and the finds finally evaluated and correlated with what is already known of the archeology of the region.

Particularly noteworthy, Mr. Setzler feels, is the fine example of cooperation between a large commercial enterprise and a scientific institution, under which the work was accomplished. "By collaboration with the Smithsonian Institution, the Columbia-Southern Chemical Corp. has effectively supported a phase of basic research outside its immediate interest and has participated in the preservation of a small segment of the prehistory of North America, in particular one of the earliest of the sedentary cultures in the Ohio Valley."

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## EMPLOYEE RELATIONS

"You told me how good you were two weeks ago when I hired you," the boss told the office boy, "Now tell me again--I'm getting discouraged."

(The Washington Post-Times Herald, 12/18/57)

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## GRANDDAUGHTER ARRIVES

Mrs. Bertha Usilton, librarian at the Freer Gallery, has become a double-entry candidate for the Freer Grandmother's Club with the arrival of a daughter born to her son's wife on the west coast. There are four grandmothers at Freer Gallery now.

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## PUBLISHED IN DECEMBER

"Annual Report of the Board of Regents of the Smithsonian Institution for the Year Ended June 30, 1956"; 580 pages, including Appendix of 18 articles on Science and Technology.

Smithsonian Miscellaneous Collections: "Araucanian Child Life and Its Cultural Background," by Sister M. Inez Hilger; 439 pages.

"The Medical and Veterinary Importance of Cockroaches," by Louis M. Roth and Edwin R. Willis; 147 pages.

"Permian Brachiopods from Central Oregon," by G. Arthur Cooper; 79 pages.

"Morphology and Taxonomy of the Foraminiferal Genus *Pararotalia* Le Calvez," by Alfred R. Loeblich, Jr., and Helen Tappan; 24 pages.

"Mineralogical Studies on Guatemalan Jade," by William F. Foshag; 60 pages.

"A Revised Interpretation of the External Reproductive Organs of Male Insects," by R. E. Snodgrass; 60 pages.

Bulletin of the U. S. National Museum: "Studies in Foraminifera," by Alfred R. Loeblich, Jr., and collaborators: Helen Tappan, J. P. Beckmann, Hans M. Bolli, Eugenia Montanaro Gallitelli, and J. C. Troelsen; 323 pages.

Proceedings of the U. S. National Museum: "The Leafhopper Tribe Alebrini (Homoptera: Cicadellidae)," by David A. Young, Jr.; 150 pages.

"Two Additional Miocene Porpoises from the Calvert Cliffs, Maryland," by Remington Kellogg; 59 pages.

Contributions from the U. S. National Herbarium: "The Bromeliaceae of Colombia," by Lyman B. Smith; 311 pages.

"Diagnostic Characteristics of the Fruits and Florets of Economic Species of North American *Sporobolus*," by Veral Lyola Colbry; 26 pages.

Bulletins of the Bureau of American Ethnology: "Archeological Investigations at the Mouth of the Amazon," by Betty J. Meggers and Clifford Evans; 692 pages.

River Basin Surveys Papers, No. 8: "Excavations in the McNary Reservoir Basin near Umatilla, Oregon," by Douglas Osborne; 267 pages.

Anthropological Papers, Nos. 49-56; 355 pages with index: No. 49, "The Ormond Beach Mound, East Central Florida," by Jesse D. Jennings, Gordon R. Willey, and Marshall T. Newman; 34 pages.

No. 50, "Hair Pipes in Plains Indian Adornment, a Study in Indian and White Ingenuity," by John C. Ewers; 57 pages.

No. 51, "Observations on Some Nineteenth-Century Pottery Vessels from the Upper Missouri," by Waldo R. Wedel; 28 pages.

No. 52, "Revaluation of the Eastern Siouan Problem, with Particular Emphasis on the Virginia Branches--the Occaneechi, the Saponi, and the Tutelo," by Carl F. Miller; 98 pages.

No. 53, "An Archeological Reconnaissance in Southeastern Mexico,"



by Matthew W. Stirling; 28 pages.

No. 54, "Vallodolid Maya Enumeration,"  
by John P. Harrington; 38 pages.

No. 55, "Letters to Jack Wilson, the  
Paiute Prophet, Written Between 1908 and  
1911," edited and with an introduction by  
Grace M. Dangberg; 18 pages.

No. 56, "Factionalism at Taos Pueblo,  
New Mexico," by William N. Fenton; 48  
pages.

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# CORRECTION

The annual meeting of the Credit  
Union will be held in Room 43 of the  
Natural History Building on January 21  
at 3 p.m. In last month's issue of  
the Torch the date of the meeting was  
given as January 2; this was an error.

All employees are urged to  
attend this important meeting, at  
which the dividend will be declared  
and committee members for the  
ensuing year elected.

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