

The American Museum of Natural History



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GRAPEME

THE AMERICAN MUSEUM OF NATURAL HISTORY

Vol. XXXII, No. 1

January-February, 1975

MUSEUM AWARDS GOLD MEDAL

On Jan. 23, in a ceremony held in Stuttgart, Germany, with the cooperation of the U. S. Dept. of State, Dr. Thomas Nicholson presented the Museum's prized Gold Medal for Distinguished Service in Science to Dr. Willi Hennig. Dr. Hennig, a German entomologist with the Ludwigsburg branch of the Staatliches Museum für Naturkunde, has developed a new approach to systematics emphasizing the phylogenetic history of animals.

The approach, known as cladistic analysis, has direct bearing on the practice of biological classification and has engendered considerable debate within the systematic community. Some Museum scientists think it is one of the most important contributions to systematics in the last 100 years.

Dr. Hennig is a Corresponding Member of the Museum. Previous Gold Medal recipients have been Drs. Edwin H. Colbert, Theodosius Dobzhansky, Ernst Mayr, Margaret Mead and George Gaylord Simpson.

BITS AND PIECES

At the Dec. 10, 1974 Management Board meeting, the following resolution was presented by Mr. [unclear], which, on motion, duly seconded, was unanimously adopted:

"RESOLVED, That the Trustees of The American Museum of Natural History desire to express their grateful appreciation to Alice Gray for a unique contribution to The American Museum which is separate and apart from the many professional contributions she has made as a member of our Department of Botany.

This December, as they were last December, the Trustees are aware of the joyous Yuletide glow that warms and brightens our spacious Theodore Roosevelt Memorial Rotunda. This glow emanates

from a 25-foot-tall construction called the Origami Christmas Tree. It might fairly be called the Miracle on Central Park West. Again, this year, our tree is decked with some 1,500 enchanting paper sculptures - birds, animals, fishes, heavenly bodies and myriad other fabulous forms - each ingeniously folded in accordance with the exacting art of Origami, each reflecting light from its colorful metal foil surfaces.

The magical result is a towering pillar of radiance in whose presence any Scrooge must be transformed into a Santa."

★ The Employees' Benefit Association, established in 1908, has now closed its doors. As better insurance plans developed for employees, less and less interest was shown in EBA. Membership dwindled. In Sept., its Board of Directors voted to dissolve the organization. A treasurer's report indicated a balance of \$279.65. The Board voted to give \$200.00 to the oldest living member, Ms. Bella Weitzner, and \$79.65 to the second oldest, Mr. Christopher Schroth.

It is sad to announce this dissolution of an organization that provided so much benefit and comradeship, but at least there is a storage room full of memories and some interesting stories -- especially about the two thefts of EBA coffers and the way John Othmer managed to retrieve the stolen "goods."

★ Maury Golbert, age 9, and a visitor to our Museum with class 4-307, Flushing, wrote Dr. Nicholson a poem commemorating the event. Space does not permit quoting the whole poem, but two lines may please you: "Summer, fall, winter, spring, The Museum of Natural History is the very thing."

★ The salutary dance classes held on Tuesdays at 5 p.m. in the Auditorium have become so popular they are now also being held on Weds., same time, same place. Men and women AMNHers participate. Newcomers are invited to join one or both classes.

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WONDERFUL FACES FROM THE CHRISTMAS PARTY

First Column, Top to Bottom:

Electrician Joe Donato's dau., Christina.

David, son of Lee Drogin, Exhibition.

Richard, son of Fred Hartmann, Nat. Hist.

Kirk & Kent, sons of Yuen Ng (Planetarium).

Second Column, Top to Bottom:

Thomas, son of Carpenter Joe Nemet.

Sidaya & Shane, children of Theresa Moore, Education.

Laurie, daughter of Supervising Guard, Frank Hoffman.

Andrea, daughter of Richard Pavone, Electrician.

Third Column, Top to Bottom:

Youngest guest, 3-month old Julia Schneider & her mother, Lucille, granddau., & dau. of Nick Sirico, Maintenance.

May, dau. of Painter Romano Bertuletti.

Joe Cassetino, nephew of Tony Polo, Electrician.

Fourth Column, Top to Bottom:

Without George "Santa" Crawbuck and numero uno helper Ernestine Weindorf, could we have a Christmas Party?

The oldest guest, son of Steve Medina, Osteology, was 14-yr. old Steve Jr.

MUSEUM EVENTS AND EXHIBITIONS

Have you been to the new section in the Hall of Biology of Man? Called "Human Variation," it explores the effects of genetic and environmental influences on human behavior and physiology.

Take time to see the beautiful exhibit in the Book Room titled "A Legacy of Lepidoptera: Ian Ramsay Peale." The original plates, restored by Library staff, are displayed side-by-side with the handwritten mss. of the famous naturalist, artist and illustrator.

A multi-media exhibit titled "Portraits of New

Guinea Birds" will feature the color slides of Crawford Greenewalt (Mr. G. is a research assoc. in Ornithology, a former Museum trustee and former chairman of the board of E. I. DuPont de Nemours & Co.). Opening on Feb. 6 in the Corner Gallery, 4th floor, the exhibit is a colorful picture story of the rare and exotic birds of that area.

✳ Feb. 8-14 is Black History Week in the People Center. There will be a variety of programming which includes song, dance, films and lectures.

✳ On Feb. 16 at 2 p.m., and Feb. 17 at noon,

the centuries-old, ritualistic dances of Bengal will be performed in the Auditorium. The group, "Chhau, The Masked Dance of Bengal," is on its first tour of the U. S.

* Casts made from the original Peking Man fossils, discovered in China in 1926 and missing since WWII, will be on display in Roosevelt Hall starting Feb. 14 as a Museum Showcase exhibit.

* You have until Friday, Feb. 14, to glimpse 14 original folio pages of Leonardo da Vinci's drawings and scientific notes as well as some working models of his brilliant designs. Installed in the Roosevelt Rotunda, this special exhibition has come to the Museum courtesy of the Spanish gov't. and the Smithsonian's National Museum of History and Technology, where it was previously shown. GV's advice: don't miss this one!

HERE AND THERE

Controller's Office: "After a year and a half with us, Elvira Lopez is missed," the office reports. Ms. Lopez is now at Natural History Magazine as circulation assistant.

Entomology: Randall (Toby) Schuh, new assistant curator, had a teaching position at the University of Brazil prior to coming to AMNH. Dr. Schuh concentrates on the systematics & evolution of Hemiptera but is broadly interested in systematics & evolution in general.

Fossil & Living Inverts.: William Emerson is co-author with Arnold Ross, of the Nat. Hist. Museum of San Diego, of a book recently published by Dodd, Mead & Co., Inc., "Wonders of Barnacles." Dr. Emerson attended the organizational meeting of the Advisory Cte. for Systematic Resources in Invert. Zoology....On Nov. 2, Gillian and Norman Newell joined other scientists in Tunisia for the purpose of studying the stratigraphy and paleontology of the area. They expect to return early in Feb....Niles Eldredge attended and chaired a session of the meetings of the Paleontological Soc. in Miami Beach. He gave a talk at McGill Univ. on "Evolutionary Events and Eustasy: Cause and Effect in Speciation and Extinction" at the Eastern Canada Paleontology & Biostratigraphy seminars. He also worked with Dr. Pierre Lesperance on a joint trilobite research project. ...Linda Mantel attended the Annual Meeting of the Amer. Soc. of Zoologists in Tucson last Dec.

Men's and Women's Committees: Thurs., March 6, marks the occasion of the "Nautical Night of Spring." AMNHers may purchase a maximum of two tickets at the reduced price of \$15 each, instead of the \$25 charged the invited public. Rusty Gelb, invitations chairwoman, asks that we send our returns in promptly, but certainly prior to the March 1st deadline.....Did you catch the glamorous Nan Rees modelling for the Nov. Harper's Bazaar? General Services: Paul Vann is planning a N. Carolina vacation.....John Hackett's wife is recovering, we are glad to report.

Ornithology: John Bull was one of the invited authorities on a bird-watching cruise in Nov. on the Cunard "Adventurer."

Reproductions: Thirty volunteers are currently working on fossil reproductions. The majority are high school students from NYC and Westchester, but there are also a few college students and adults. William De Paolo's special project is making model dinosaurs which can be moved in a life-like manner, and filming them by a process called stop-motion animation. Mr. De Paolo, 17, has already produced impressive short films by this method; the present project is a more ambitious science fiction film. He plans a career in the special effects area of film-making.

TIME TO BLEED A LITTLE

The Annual Drive for membership in the Employee Blood Bank Program will get under way Feb. 21 - March 4. The actual donation day is Monday, March 10, from 9 a.m. - 11:15 a.m. and, from 12:30 p.m. to 2:15 p.m. in room 323. Each department has a designated person to work in cooperation with Personnel. Please remember how important it is that you donate. The Museum has always had an excellent record for support; let's keep it that way.

~~~~~ THE UNITED FUND NEEDS YOU! ~~~~~

The Museum's annual campaign on behalf of the United Fund of Greater New York is now in full swing. When your office coordinator asks for your contribution, we hope you will be as generous as possible to help support over 425 United Fund agencies in our area. Let your slogan be, "I gave at the office."

GRAPENINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

Vol. XXXII, No. 2

March, 1975

NATURAL HISTORY MAGAZINE CELEBRATES 75th ANNIVERSARY

Run your eye down the masthead of the latest Natural History Magazine. You will find there the names of "highly motivated, intelligent, thoroughly professional editors and administrators," according to its publisher, David Ryus. Editor Alan Ternes is in complete agreement; and so, too, beyond a doubt, are a major percentage of the 370,000 subscribers.

The magazine, presently celebrating its 75th anniversary, will mark the occasion in April, the month in 1900 when the first edition appeared, with a special spring bonus book of selected articles. In this momentous year, NHM is proud of its position as an arm of AMNH that assists its parent organization in a dual capacity: 1. as a liaison between the Museum and its members, providing the latter with a broad overview of the world of the natural sciences; 2. as a highly significant contributor to AMNH coffers.

In 1900, the 16 page leaflet, American Museum Journal, provided the 1000 Museum members with a brief account of activities and exhibits. In 1916, a charge of \$3 per year was established; this price included associate membership, a policy consistently followed thereafter. Membership soared to 5209 in 1919, and the name Natural History first appeared. The year 1937 marked the beginning of the larger format we presently know, and 1940 brought color reproductions. In 1942, magazine-and-membership cost \$4, and the present \$10 fee still makes it one of the best buys in all the 50 states. Between its handsome covers have appeared articles and illustrations on every aspect of the natural sciences. Its usual 100 pages are a continuing source of accurate information, containing stories that reflect the broad horizons of scientific inquiry throughout the world.

Who are the people responsible for maintaining high standards, who preside over Nat. Hist. Magazine?

Publisher Ryus, who can be found in the President's suite of offices near the 77th St. elevators on the second floor, is concerned primarily with circulation, promotion and production. He is gratified with the steady growth and success of the magazine, although he quickly denies credit for same, attributing it to the "dedication and interest of the staff." Similar staff support comes from Editor Ternes, who assumed his title in 1973. Through the years, the physical facilities have improved considerably. In addition, the magazine now contains more color photography and there is greater concentration on matters ecological. "Our purpose is to enlighten and to entertain," Mr. Ternes says, "which the Museum itself does, and in the same fields. However, we include more commentary on contemporary society. People often forget we are a national magazine. Sixteen percent of our subscribers are on the West Coast. About ten percent of our authors are Museum people. We rely upon them for leads, for vetting (accuracy), and we are more than grateful for their stamp of authority." Mr. Ternes continues: "The magazine is, essentially, a business, a money-making proposition. With the new \$10 subscription rate, within the next five years we expect to generate more than a quarter of a million dollars a year for the Museum."

Alan Ternes came to the Museum in 1970 to work on one special supplement, and then stayed. In his quiet, relaxed manner, he effectively sees to it that the magazine makes the regular ten-times-a-year appearance. Mr. Ternes is a NYC resident who "walks to work through the park each day to keep in touch with nature."

Tom Page, designer, is another quiet-spoken gentleman who goes about his job with seeming ease. He is responsible for the magazine's layout, and at times must work under considerable pressure. Mr. Page has an encyclopedic memory for pictures--fortunately -- because he is responsible for their selection and placement.

Senior Editor Sally Lindsay is recently out of the

hospital after having a knee repaired. Ms. Lindsay has been with the magazine for two years, and deals primarily with science articles. There are three associate editors. Frederick Hartmann was once a zookeeper. This knowledge of animals, combined with a degree in journalism, made him a "natural" for a job with NHM, which gives him "a chance to read, write and travel in the fields I am most interested in." A Bronx resident, Mr. Hartmann was a member of the Museum's championship softball team.

Christopher Hallowell, also with a degree in journalism, "wrote to the magazine for a job at just the right time." He keeps an eye on research news, concentrating on ideas for articles anthropological and archeological.

Toni Gerber started as an editorial secretary in 1968, and worked her way up through the copy desk to her current editor's position. "There is marvelous flexibility here. We are free to explore areas that interest us, even if we sometimes arrive at a dead end. And the integrity maintained is wonderful." These feelings, incidentally, are mirrored by all the staff.

Carol Breslin works three days a week as book editor, and feels she couldn't be luckier to have such an absorbing job. She reads endless numbers of worthy books before deciding upon those to be reviewed in the magazine.



Florence Edelstein, copy chief, was "delivered by hand by Florence Brauner (Sci. Publications editor) ten years ago." Looking tan and glowing after a recent vacation, Ms. Edelstein says "I also feel glowing about my work." In her job she "sees that everything is perfect -- stylistically and factually."

As copy editor, Karen Bierstedt assists her copy chief boss. Ms. Bierstedt saw an ad in the N.Y. Times a year-and-a-half ago, and here she is, winnowing out errors, smoothing language and working hard.

A native New Yorker, Angela Soccodato is the art assistant. She, too, loves the work and everything about the magazine. "We are not held back. Creativity is encouraged. There is good communication between us all."



Diane Pierson, yet another enthusiastic worker, is editorial assistant, a job that includes handling permissions, writing authors for biographies and answering queries, plus doing secretarial work for Alan Ternes and other editors.



Lillian Gindea, editorial typist, says she "was offered three jobs, four-and-a-half years ago, and accepted this one. I've been congratulating myself ever since."



Mondy Dana, publications editor, actually lives so she can dive; was a support diver for Dr. C. Lavett Smith in 1973 when he conducted underwater research in the Hydra Lab. The AMNH Museum Guide, sold in the Museum Shop and at the Information Desks, is one of Ms. Dana's efforts.

On the business end of NHM is L. Thomas Kelly, business manager. Mr. Kelly, formerly with Time, Inc., handles all financial matters, including the budget and endless etceteras.

Sue Severn, production manager, is "a Museum person. I think this place is filled with wonderful people who put out a beautiful magazine."

Ernestine Weindorf, administrative assistant, is well-known for her good EBA works. At the magazine, she has assisted Mr. Kelly since 1973.



At interview time, Yung Mei Tang, secretary, was concerned with the Chinese New Year party she was giving. (It is the year of the rabbit.) Ms. Yung Mei is working on her M.A. at Columbia in -- what else? -- Oriental studies.



Ann Brown, circulation manager, is another former Time, Inc., employee. "I am an eminently untalented sculptor," she tells us, "who does everything involved with circulation at NHM except wash the floor....." pause as her assistant,



Elvira Lopez interrupts quietly, "and I do that." Ann Brown finds new subscribers, keeps them, bills them, renews them, answers complaints and figures out all sorts of ways to pare the circulation budget while upping circulation numbers.

The above-mentioned Ms. Lopez was graduated (magna cum laude) from Lehman College and received an MFA from the U. of Mass. Two months ago, she transferred to NHM from the Controller's Office.

Joan Mahoney has 32 years here, and Harriet Walsh, 31. They work in circulation under Ann Brown. Harriet Walsh's father, Frederick Limekiller, was a taxidermist at AMNH years ago. Joan



Mahoney originally worked as the first female guard replacement during the WWII years.

The Advertising Office, located on the third floor, is an extremely important adjunct of the magazine, and deserves more attention than space permits. Harvey Oshinsky, manager, has been at his job for nine years. He remembers when NHM was considered an obscure publication, "but now it is steadily becoming more formidable and vigorous. We are getting bigger and better names all the time. It's an uphill job, but certainly an interesting one." Mr. Oshinsky emphasizes, "we do not take any ads that come our way. We have a strict policy regarding cigarette companies and firearms, and are selective about what we accept."

The advertising staff includes three salesmen, Victor Asselin, Gordon Finley and Hank Jeter, and two assistants, Eileen O'Keefe and Kathy Magnuson.

There you have it -- a mini-tour of a maxi-organization. Congratulations to Natural History for its 75 years. It is a pleasure having you to do business with.

HERE AND THERE

Education: In April, Malcolm Arth will be one of the speakers at a U. of Delaware Museum conference. Dr. Arth will be on a panel discussing the question, "Should Museums Be Popular?"

Entomology: Susan Neill, formerly in Personnel, has transferred to the dept. as a curatorial asst., Grade I, working with butterflies.

Fossil and Living Inverts: Roger Batten was recently appointed to the Advisory Board on the Treatise on Invert. Paleo., an organization sponsored by the Geol. Soc. of America... William Old was one of several judges at the Twelfth Annual Shell Fair in Sarasota, Fla., in Feb.... Also in Feb., Jann Miller of the Dept. Paleobiology at the Smithsonian, visited the dept. to advise and aid those working

to improve the Invert. Paleo. collection.

Herpetology: Jose Rosado, formerly in the Museum's Urban Corps program, and David Aleman, a transfer from the Museum Shop, are now curatorial asst's., Grade I. The positions are sponsored by an NSF grant to upgrade the backlog of specimens in storage and to assist with current processing of specimen accession and loan requests.

Library: Joan Carroll, a part-timer since June, is now full-time circulation clerk. "Jo," as she prefers to be called, is originally from Groton, Conn. After graduating from high school, she took a tour cross-country, finally deciding NYC was the place to be. Ms. Carroll, a former model whose hobbies include art and writing, is a happy, fun-loving person, but serious-minded about her career. The Library staff are enthusiastic about their new colleague.

Museum Shop: The Shop has finally opened the doors on its new glamorous surroundings. Shop personnel are more than happy to be back on 77th Street, displaying handmade and unusual wares handsomely. You are cordially invited to visit often.

Photography: Presently having a one-woman show is Susan Saltman, a volunteer in Photography. Ms. Saltman's photographs, printed by Vincent Tcholakian, are on display until March 19 at the Diana Gallery, 21 West 46 Street.

CALLING ALL MUSICIANS

Every non-payday-Friday, a friendly quintet meets to make music. After a hasty lunch, one violin, one mandolin, two recorders and one singer join descants for 45 minutes of rollicking ancient music. Bea Brewster, principal coordinator of these lunch-hour harmonies, invites more performers to join the Noon Music Group. If you can sight-read and would like to work on compositions by Monteverdi, Schein, Schutz, Josquin and Co., contact Ms. Brewster on ext. 340. Especially needed is a bass instrumentalist.

THE CHAMPIONS PUT OUT A CALL

It is hard to believe, but a year has almost run its course, and the word is out for those who wish to join up for soft-ball warm-up time. The Head-hunters will be out on the field again, trying to retain their division championship and then going on to win the city championship. (Have you seen the magnificent cup won last year in Klaus Wolters's office?) All interested applicants should call Irving Almodovar or James Blake at exts. 239 or 263.

GRAPEME

THE AMERICAN MUSEUM OF NATURAL HISTORY

Vol. XXXII, No. 3

April-May, 1975

IN PART, A NATIONAL RESOURCE

The National Science Foundation has given the Museum a great deal of money (almost two million dollars) for curating the collections of six departments: entomology, fossil and living invertebrates (for its fossil collections), herpetology, mammalogy, ornithology and vertebrate paleontology. As a result of this recognition, these collections are now officially regarded as a national resource (not to mention their international importance).

The money is being used to help curate, store, catalog and computerize the collections and to make them more readily available for scientific study. Because the grant comes from the biology branch of NSF, departments such as anthropology and animal behavior are not able to benefit.

There are few visible signs at the Museum to indicate how the money is used, but AMNHers have undoubtedly noted the new faces that appear from time to time in our midst. They often belong to the men and women who have been employed to work on the collections during the period of the grants, usually about five years. One obvious sign, however, was in the summer of '72, when the mighty whale skeleton was moved from the school service garage to permanent storage space in the powerhouse. (GV July-August, 1972).

The NSF funds have been awarded over the past several years, with Herpetology being the most recent, and last, recipient.

THANK YOU, MR. BASSER

Back in Dec., Clifford S. Basser of Mt. Vernon, N.Y., wrote to Thomas Nicholson congratulating him on the overall good nature and helpfulness of Museum employees and volunteers. He singled out for special praise the Info. Booth volunteers, and came to the conclusion that such "cooperativeness and friendliness does not just happen by accident. A word of recognition is appropriate because I am sure that is all some of them ever receive."

OPENED...AND CLOSED

Without consulting us, a musical called "The Bone Room", by Tom Jones (NOT of the Planetarium) and Harvey Schmidt, opened at the Portfolio Studio in New York. One of the main characters was "the chief gluer in the bone room at the Museum of Natural History," and much of the story takes place "in the recesses of the Museum." According to reviewer Mel Gussow of the NY Times, despite a few unfortunate lapses in taste, the show was "lively and diverting." Question: which room in this building is our "bone room?" And one more: Who is our chief gluer? In any event, the show closed March 23.



At a January ceremony held in Stuttgart, Germany, given with the cooperation of the U.S. Dept. of State, Thomas Nicholson presented the Museum's prized Gold Medal for Distinguished Service in Science to Dr. Willi Hennig. (GV, Jan.-Feb., 1975) Above is a picture from the occasion. L. to r.: Walter E. Jenkins, consul general of the United States, Dr. Nicholson and Dr. Hennig.



Happy to see one another at the party:

l. to r., Berry Berenson Perkins, photographer; Anthony Perkins, actor; Mrs. Osgood Perkins, actress; Robert La Chance, producer.

CELEBRATING A SEASON

The Planetarium marked the beginning of spring with a handsome "Stars of the Season" party held on March 20, the eve of the vernal equinox.

Beginning at 6 p.m., the party featured a wine-and-cheese reception plus a special sky show demonstrating how the heavens behave as the spring season begins.

The party was the first activity of a newly-formed group, the Planetarium Council. Its effectiveness under the leadership of Jeannette McElvenny, chairwoman, was evident from the \$2580 it netted -- a considerable increase over previous years. In addition, the party created great interest among an entirely new group of people, many of whom had not been in the Planetarium since their early teens.



Enjoying a conversation at the party:

Sir Humphrey Wakefield, antique dealer, with Jewelry designer and Mrs. Kenneth J. Lane.



A Museum Visitor

ITEM

Priscilla Breder, for 25 years a biology researcher at this Museum, moved to Florida in 1957. She was recently the featured artist at the Venice (Fla.) Area Art League. Mrs. Breder is the widow of Dr. Charles M. Breder, Jr., former chairman and curator of the Dept. of Ichthyology. Dr. Breder retired from the Museum in 1965, but there are undoubtedly many GV readers who remember both him and Mrs. Breder.

In addition to the Venice Area Art League show, Mrs. Breder has had several other one-woman shows in Venice. Her favorite mode of artistic expression is realistic landscape.

FROM THE CAPE COD STANDARD TIMES

Through the kindness of Katharine Beneker Murphy, GV has learned of the opening of "a large, bright new wing with a wall of windows overlooking a marsh," in the Cape Cod Museum of Natural History. The wing is known as the Clarence L. Hay Library, which houses 2400 volumes on natural science and a record collection of the sounds of birds, dolphins, insects, frogs and toads. These specialized books and records may be borrowed just as in a public library. Established as a memorial to Clarence Hay, the library contains many of his own personal books. Mr. Hay was a former AMNH trustee, a generous benefactor, and a member of the Anthropology Department, sharing offices with Gordon Ekholm.

WHY DOES EDUCATION NEED HELP?

Those purple and white "HELP HELP" signs you see posted about the Museum are there for a purpose. During the past year, Juanita Muñoz has been conducting workshops for adults and children showing them how all kinds of scrap materials can be used constructively and artistically. But she's running out of equipment, hence the cry! Even more specifically, however, for the Museum's Good Earth Day on May 10, Ms. Muñoz will be conducting a workshop in the People Center. She wants to have plenty of supplies on hand. Give her newspapers, egg cartons, liquid soap and detergent containers, cardboard tubes, used greeting cards and gift wraps, cereal and salt boxes, scrap yarn, broom-mop-dowel sticks, plastic juice containers and brown paper bags.



WALTER F. MEISTER

On March 13, Walter Meister, former assistant director and controller, died. He was 73 years old. Mr. Meister was 15 when he came to the Museum in 1916 to work as an office boy for President Henry Fairfield Osborn. Fifty-three years later, in 1969, he retired. The Board of Trustees paid tribute to his service by giving him a gift trip around the world. He never quite covered the globe, but he did travel extensively after retirement.

He is survived by a daughter, two brothers and two sisters.

LILLIAN UTERMEHLE

Marjorie B. Muhleman, who refers to herself as "another old timer," wrote to tell of the death last January in Washington, D.C., of Lillian Utermehle. Ms. Utermehle was in the membership department for many years and is doubtless well-remembered by other old-timers. She was buried in the family plot at Frederick, Maryland. She is survived by her sister, Margaret T. Utermehle, of Washington.

ANTOINETTE K. GORDON

Antoinette Gordon, an authority on Tibetan religion and art, died at her home in New York on March 26. She was 83 years old. Mrs. Gordon was an associate in Anthropology, officially with the Museum since 1936, and prior to that served as a volunteer cataloging and installing the Tibetan-Lamaist collection. She is survived by a son, George, two brothers and three grandchildren.

ELIZABETH NULLET AND JAMES SCALLY

Two former Building Services employees died in April. Elizabeth Nullet, better known as "Betty" worked in the department for 30 years and retired in 1971. James Scally, whom everyone called "Jim," was here for 29 years and retired in 1966.

Mrs. Nullet very capably handled the first floor Roosevelt entrance during her last four years here and was always pleasant and helpful. Museum WWII veterans best remember her for those cheerful letters she wrote to them while they were in service. She is survived by a son and four grandsons.

Mr. Scally was the general factotum of the Whitney building and kept it in excellent condition. He was highly regarded by his co-workers, especially those in the Ornithology Dept. He is survived by his wife, two sons, two daughters, fourteen grandchildren, three great-grandchildren and one brother.

HERE AND THERE

Accounting: Among his other talents, William Humber serves as an extremely efficient house manager for the Brooklyn theatrical troupe, Heights Players, as noted in a recent edition of the Brooklyn Heights Press... Lydia Lopez, with the Museum since July, 1973, is moving to Puerto Rico on April 18 to work

and live. She will be missed, will Ms. Lopez. Animal Behavior: Ethel Tobach, who is an adjunct professor of psychology at Hunter College and adjunct professor of biology at CUNY, was recently elected to the Hunter College Hall of Fame and proclaimed one of the college's outstanding alumni. Anthropology: Colin Turnbull, research assoc., is the recipient of a \$3000 Academy-Institute Award from the American Academy of Arts & Letters and the Nat'l. Institute of Arts & Letters.

Fossil and Living Invertebrates: William Emerson has been selected for listing by the Board of Directors in the first edition of "The World Who's Who of Authors."

Herpetology: Richard Zweifel attended a workshop of the Assn. of Systematic Collections, held in Washington, D.C. representing the Cte. on Systematic Resources in Herpetology... Charles Myers recently returned from a two-month expedition to the Panamanian-Colombian border country, where he joined a team of botanists in a biological and geographical survey of an unexplored mountain.

Ichthyology: Donn Rosen is president-elect of the Society for Systematic Zoology. He assumes the office in August... In January, James Atz was elected president of the Amer. Soc. of Ichs. & Herps.

Men's and Women's Committees: Katy Hilson has returned from a three-month stay in Argentina and is now planning a Women's Committee luncheon meeting for late May... "The Men's & Women's Committees," writes their representative, "ardently thank all the hard-working friends from every department who gave so much of their time, effort, patience and assistance towards the success of the Nautical Night of Spring, now just a fond memory." The event resulted in an approximately \$40,000 profit for the Museum. "To all," say the committees, "a rousingly hearty salute!"

Ornithology: John Morony, formerly a scientific asst. caring for the anatomical collection, left in January for his home in Texas, where he plans to pursue a career as an aviculturist. Diane Riska, formerly in Education, is his replacement... Wesley Lanyon left in March for a two-week yearly survey of bird populations on St. Catherine's Island, Ga... Francois Vuilleumier and Dave Ewert, a graduate student who will assist him, have been on a five-week trip studying the birds of the Venezuelan Andes... Eugene Eisenmann is currently in Panama studying the birds of that country... Robert Cushman Murphy was honored posthumously by being placed on the World Wildlife Fund's 1974 International Conservation Roll of Honor.

BEHIND THE SCENES

All 400 places were filled by Museum members who participated in the special April 26 Behind the Scenes tours available at \$3.50 per person. There were nineteen tours in all, and were it not for the cooperation of the staff, matters might have grown confused, because each tour was run on a tight schedule.

Gillian Newell, Ruth Schulson and Miriam Pineo guided visitors to a special Frick Collection display presided over by Richard Tedford, who was assisted by David Frailey and Jessica Harrison. Animal Behavior had Joseph DeSantis, Bob Stolberg and Larry Kunstadt as guides through their dept. William Emerson, Henry Gardiner and Jane Safer showed people through the unfinished Hall of Mollusks and Mankind while Thomas Nicholson, Bob Middleton and Gertrude Poldervaart performed similar services in the new Hall of Minerals and Gems.

One story of note: When the final tour was making its rounds, Animal Behavior personnel asked if they could participate. They have never seen the new halls either.



ROBERT GOELET NOMINATED AMNH PRESIDENT

Robert G. Goelet has been nominated as the eighth pres. of the Museum, and will assume that post upon his election by the board of trustees in Nov. Gardner D. Stout, pres. of AMNH since 1968, will retire that month but will remain a member of the board of trustees.

Mr. Goelet, pres. of Goelet Realty Co. and chm. of the Rhode Island Corp., is also a director of the Chemical N.Y. Corp. He was elected a Museum trustee in 1958, was graduated from Harvard in 1945 and served as a naval aviator during WWII.

Mr. Goelet is currently pres. of the N.Y. Zoological Society, the N.-Y. Historical Society and the French Institute/Alliance Française, and a director of the National Audubon Society.

Mr. Goelet is a bachelor and lives in Manhattan.

QUARTER CENTURY CLUB WELCOMES FIVE NEWCOMERS

In a here-today, gone-tomorrow world, the Museum's Quarter Century Club stands out as a welcome exception to the rule. The men and women who make up the organization have distinguished themselves by long--25 years or more--and valuable service, and their numbers are growing.

Recently added to the list, at the Annual Dinner held on May 7 in the Whitney Memorial Hall of Oceanic Birds, were five employees: Josephine D'Orsi, Photography; Robert B. Horan, Planetarium; John S. Ignatieff, Maintenance and Construction; Louis V. Rienzi, Education; and Walter C. Sorensen, Vertebrate Paleontology.

Mrs. D'Orsi is the person who not only knows where to find everything in the Photography Div. files,

but also provides authoritative advice on what black-and-white photos to use for an exhibit, or which color slide to convert for a magazine article. Mr. Horan is in charge of air conditioning in the Planetarium, a crucial service in the windowless building. Mr. Ignatieff keeps watch over the entire water supply system of the Museum, as well as the compressed air system that serves the scientists' laboratories. Mr. Rienzi has brought natural history to thousands of New York City schoolchildren through his services as driver of Education's traveling exhibit vehicle. Mr. Sorensen, who has an ancient fish named after him, is responsible for the careful preparation and preservation of many fine specimens in the Museum's collection of fossil fishes.

On hand to extend congratulations to the new members was former director Albert E. Parr, also a member of the Club. Dr. Parr has just been named an Honorary Curator of the Peabody Museum of Natural History (Yale University), which he also served as director. In recent years, he reports, he has become increasingly interested in the concept of museums as "environments for the mind" and in the field of architecture and urban design. During the Canadian centennial, he was able to try out some of his new ideas by helping to create a new museum for the city of Winnipeg, which has named him an Honorary Citizen. The new museum features natural history with a special emphasis on human habitation of the Canadian prairies.

Emil Kremer, formerly head of Buildings, Construction and Maintenance, was also present for the dinner. Now a part-time Florida resident,



Josephine D'Orsi

Joan Mahoney

he brought greetings to the gathering from Howard W. Cleveland, Education, who was unable to attend.

Asked about his activities since retiring as the Museum's photographer in 1970, Alexander J. Rota reported that he is enjoying getting up earlier than he used to, and putting in the extra time he has each day on his house and five acres in Fishkill, N.Y.

Dorothy Scharff, telephone operator, is also at work on her house—a summer residence in Vershire, Vt., where she has enjoyed roughing it for years. Now, however, a heating system is planned as a concession to modern trends, she reports.

Harry L. Lange, Accounting, Farrell F. Carney, Sr., Print Shop, Robert T. Noonan, General Services, and G. Robert Adlington, Fossil Inverte-



Albert Parr, director emeritus



Harry Lange, left, with Farrell Carney, Sr.



"The Power House Gang" Top Row: (l. to r.) Philip Horan, John Ignatieff, Sylvester Murray, Zoltan

Batary. Bottom Row: (l. to r.) John Jones, Robert Horan, Louis Rienzi.

brates, made a jovial group at the gathering held in the Roosevelt Rotunda before dinner. "I recommend retirement to everyone," announced Mr. Carney. Asked what he was doing of late, Mr. Lange first said it was a secret and then confessed, with pleasure, that he was spending a lot of time on the golf course near his home in Baldwin, L.I. He noted that the May 7 dinner was his 23rd.

Dorothy Shuttlesworth is having her 33rd book published soon. Entitled "Pets and People," it is being published by E. P. Dutton & Co., Inc. Mrs. Shuttlesworth first came to the Museum at the

age of 17 and worked on Natural History; she then became editor of Junior Natural History. She hopes her first book, "Exploring Nature with Your Child," which was originally published in 1952, will soon be re-released.

Edwin C. Meyenberg first came to the Museum at the age of 15 in 1911 to work as a hat checker. Reminiscing about his beginnings here, he told of making \$20.50 a month and having one day off a month. However, he still found time to attend Pace College and eventually went on to become the Museum's bursar.

WE HAD VISITORS

As pres. of the N.Y. State Assn. of Museums, Thomas Nicholson was host to representatives of the 110 institutions that make up the membership. The group held their annual meeting on May 12 in the People Center and were taken on two tours.

The first tour was of the fifth floor, to view the fur, costume and textile storage areas; the Frick Wing; the new areas of Fossil & Living Inverts. and the site of NYSAM's last meeting here in 1969, which now houses the Entomology collections. The second tour was of Museum areas that are either new or under construction: Human Variation, Reptiles and Amphibians, Peoples of Asia, Minerals and Gems, Mollusks and Mankind and the Museum Shop.

The group was extremely impressed with the renovations and additions and commented favorably on their quality and quantity. The consensus was that

no other museum anywhere in the world could take on such massive reconstruction.

CHARLES VAURIE

Charles Vaurie, curator emeritus in Ornithology, died in Reading, Pa., on May 13, at the age of 68. Dr. Vaurie joined the Museum as a volunteer in 1942 and four years later was appointed a research assoc. He became asst. curator in 1956 and full curator in 1967 until his retirement in 1972. Dr. Vaurie gave up his dental practice in order to devote his time and energies to the study of birds.

Dr. Vaurie and his wife, the former Patricia Wilson, former research asst. in Entomology, traveled extensively in Mexico, Central America and the W. Indies, where they collected insect specimens for the Museum's collections. Dr. Vaurie, best remembered for his monumental two-volume work, "Birds of the Palearctic Fauna," was held in great affection by his colleagues. He will be greatly missed.

Accolades



Robin Lehman with
Claire Wilbur after the
Academy Award ceremonies.

ACADEMY AWARD WON BY AMNH-AFFILIATED FILMMAKER

On the evening of April 8, millions of TV viewers watched the glamorous proceedings in Hollywood, Calif., as the much-coveted Academy Awards were presented to deserving filmmakers and others who work in the motion picture industry by the Academy of Motion Picture Arts and Sciences. Many people connected with the Museum recognized with delight one of the winners: Robin Lehman, recently appointed an Associate in the Photography Division.

Mr. Lehman won his Oscar for the short documentary, "Don't," a film about monarch butterflies which has been shown several times at the Museum, notably during the last West Side Day and at the March Nautical Night of Spring. It is also being shown extensively to school classes visiting the Museum. Alice Gray of Entomology was especially helpful to Mr. Lehman in his research on the monarch butterfly prior to filming "Don't."

Sally Goodgold of the Women's Cte. represented the Museum at the Academy Award ceremonies. Also attending the event was Melinda Blinken of the Women's Cte., whose father, Howard Koch, is a vice-president of the Academy and was the producer of the April 8 spectacular.

Mr. Lehman heads his own production company

and does all his own photography. The value of Mr. Lehman's work lies in his ability to portray subjects and events drawn from the natural world in a fascinating, compelling manner through the use of superb photography, imaginative sound and skillful direction. He is currently working on films with locations in Kenya and underwater off the coast of Ireland.

Besides the award-winning "Don't," other short documentaries photographed and produced by Mr. Lehman include "Experimental," "Wings and Things" and "Flyaway," which all deal with some aspect of flying; "Hot Spot," about a volcano in Zaïre; "Coulter's Hell," about Yellowstone Park; and "Sea Creatures" and "Undercurrents," filmed underwater in the Red Sea and the Caribbean Sea respectively. Copies of these films have been donated to the Museum by Mr. Lehman. His films are distributed commercially by Phoenix Films.

AMNH'ers will be able to see some of Mr. Lehman's work at a special film festival to be held at 2 p.m. in Education Hall every Tuesday and Thursday during the month of August, beginning August 5. "Don't" will be screened at each performance, along with another of his films.



Arthur Ross receives certificate from Edwin L. Weisl, Jr.



Farida Wiley accepts her award from Mr. Weisl.

FARIDA WILEY AND ARTHUR ROSS RECEIVE NYC PARKS DEPT. AWARDS

On May 19, at a short ceremony on Literary Walk in Central Park, Farida A. Wiley, Education, and Arthur Ross, an AMNH benefactor, were presented the Parks, Recreation and Cultural Affairs Administration's Distinguished Service Awards by Edwin L. Weisl, Jr., administrator. Miss Wiley and Mr. Ross received the awards for their "deep and continued interest in our City's parks." Other award winners

included Celeste Holm, Mollie Parnis, George T. Delacorte and Iphigene Ochs Sulzberger. Felicitations and best wishes for many more happy hours of nature walks in Central Park go to Miss Wiley from her hundreds of loyal fans. Congratulations also to Mr. Ross, who is well-known at the Museum for the generous contributions of the Arthur Ross Foundation to Museum Showcase and other temporary exhibits.

TWO RECEIVE HONORARY LIU DOCTORATES

On May 31, two people well-known to most AMNH'ers received honorary Doctor of Science degrees from Southampton College of Long Island University. Both were nominated for the honor "with deep respect for their contribution to the field of science."

Ethel Tobach, curator in the Dept. of Animal Behavior, and director emeritus James A. Oliver, now director of the New York Aquarium, are the proud recipients.

MARGARET MEAD ELECTED MEMBER

OF NATIONAL ACADEMY OF SCIENCES

On April 22, Margaret Mead was elected a member of the National Academy of Sciences in recognition of her distinguished and continuing achievements in original research. Election to membership in the Academy is considered to be one of the highest honors that can be accorded to an American scientist or engineer. Total membership in NAS is now 1134.

HERE AND THERE

Anthropology: At a dinner at the Waldorf in April, Junius Bird was awarded the Explorers' Club Medal "for outstanding contributions to our knowledge of early man in the Americas."

Astronomy: On May 4, Mark Chartrand was married to Gertrude Bell, a guest lecturer in the Planetarium.

Ms. Bell teaches courses on the history of astronomy and is an editor at Scientific American... Ken Franklin was visiting prof. at Eastern College, St. David's, Pa., and Dr. Chartrand is a visiting prof. at Mansfield State College, Mansfield, Pa...

"Astronomy," a text-book for non-science majors, has been published by Thomas Y. Crowell. It is the collaboration of former Planetarium chm., Franklyn Branley and Mark Chartrand, with Helmut Wimmer the illustrator...Intern Tom Lesser was something of a hero recently. A mother was pushing her baby's stroller into a subway car when the door closed, leaving stroller and baby halfway out of the car as the subway began to move. Mr. Lesser immediately pulled the emergency cord while others in the car shrieked or ran about helplessly. Fortunately, all ended happily.

Controller's Office: Barbara Hall, the new Sr. secy., is a native Jamaican who previously worked at Promotion Graphics. She attends Bklyn.-Man. Community College.

Education: Juanita Munoz thanks everyone who contributed to Project HELP - HELP and asks that they do not stop, for the program still goes on. Drop a note to Ms. Munoz to get a list of items needed for this recycling project.

Electrical Shop: Mr. and Mrs. Sal Cigliano are proud new parents of Danielle, born April 18.

Entomology: Three new curatorial assts. are on NSF grants. Paul Gilman, NYC Medical Schl. student, likes paddle ball, chess and music. Eric Quinter, formerly from Pa., is interested in moths and all the natural sciences. Will Rice went to Quinnipiac College in Ct., and is interested in photography, tennis and animals. He has brought to the office about 30 moth cocoons, which are being carefully tended by Susan Neill.

Exhibition: George Campbell has recently had a book published by David McKay Co., titled "China Tea Clippers." It is filled with magnificent graphic illustrations of old clipper ships. Mr. Campbell is responsible for both text and art work.

Fossil and Living Inverts: William Old lectured at the L.I. Shell Club in April...Niles Eldredge reported that the dept. has just bought 5000 Bolivian fossils (Devonian trilobites) from LeGrand Smith... Michael Dumont spent two days in Washington at

the Smithsonian Oceanographic Sorting Center collecting planktonic snails for Roger Batten's ultra-structure studies...In Feb., Norman and Gillian Newell returned from a second field trip in Tunisia with research assoc. Donald Boyd and two colleagues from Utah. In spite of the cold and rain, flu and pneumonia, geological survey work was completed and additional fossils collected. The most spectacular find was a slab showing fossil tracks of the oldest land animals yet found in N. Africa..."Wonders of Barnacles," a Mead book for children 5-9, by William Emerson and Arnold Ross, curator in the San Diego Museum, received the Outstanding Science Books for Children award from the Nat'l. Sci. Teachers Assn.

Ichthyology: C. Lavett Smith will become chm. of the dept. effective July 1, succeeding Donn Rosen, who remains on staff as curator.

Library: Miriam Tam has joined the staff as serials Librarian. She is from Hong Kong, via Okla. Her husband, Billy Tam, is also a librarian. Mrs. Tam spends her weekends tending to her new Queens home, knitting and gardening...Nina Root was elected vice-pres. of the Special Libraries Assoc., NY Chapter, and treas. of the SLA Sci.-Tech. Group, and recently returned to Pratt Inst., her alma mater, to speak on the Museum Library's restoration project.

...Janina Gertner and Rita Mandl have been attending classes at Katherine Gibbs, management for women, and are now busy reorganizing their work to Gibbs specifications...Toby Brown and Carolyn Wichman demonstrated their bookbinding and restoration skills at a two-day METRO Restoration Workshop at City College. They were so successful that they have been invited to return next fall.

Men's and Women's Ctes: The final, and updated Nautical Night of Spring net profit: \$50,000... The office will "aestivate," starting June 1st. Katy Hilson and colleagues will put in appearances on a sporadic basis during the summer. Please refer phone calls and mail to the Development Office this summer.

Ornithology: On March 22, Stuart Keith, research assoc., married Sallyann Pearson of Redding, Calif., where she is a teacher. At the school year's end, Mrs. Keith will move to NYC...Helen Hays went to Great Gull Is. to prepare for the new season's work on terns and other birds...Lester Short spent eleven days on St. Catherine's Island in April surveying birds and studying the woodpeckers... Jean Delacour returned last month to Clerés, France, for another summer at his estate and aviary.

Projection: Ann and Larry Van Praag announce the birth of daughter #2, Robin Merri.

GRAPEVINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

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NEW PLANS, NEW CHAIRWOMAN

Jane (Mrs. Carl C.) Ulstrup leaned across the Cafeteria table, eyes bright with enthusiasm. "Money," she cooed, not quite rubbing her hands together as she responded to the query about her goal as newly-appointed 1975-77 chairwoman of the Women's Committee. "We want as much as we can get." Mary (Mrs. John V.) Lindsay and Nora (Mrs. Frederic G.) Cammann, equally enthusiastic vice-chairwomen, agreed that there was little other validity for their committee "except to raise lots and lots of money for this marvelous place. The atmosphere is like no other we've ever seen. It's unbelievable; everyone is so cooperative, EVERYONE! We love working here, to be part of such an important place."

The Women's Committee triumvirate have many plans, starting with "the usual arduous letter-writing campaign," asking for help financial and help physical. That is where Teresa Martin and Marie Caufield of the Contributors' Office come in. "They're wonders, those two, absolute wonders. There's no one in the Museum quite like them," all three women emphasized. There will be a film benefit at Christmas time, and a "24 Carat" party in March, just before the opening of the new Hall of Minerals and Gems. The group also has other ideas not yet completely crystalized.

Jane Ulstrup is one of the earliest members of the Volunteer Program. Starting her work at the Information Desk about 15 years ago, she has been involved in any number of activities through the years, including the chairmanship of the successful Rites of Spring galas. Mrs. Ulstrup's energy could get a 747 off the ground. How she manages her various responsibilities, which include three teenagers "at the moment all home, alas," is difficult to explain. The important point is her availability to the Museum.

Nora Cammann, of needlepoint fame, "was dragged here by Mr. Stout in 1970. He wanted an extra pair of hands and when the president of something like this says come, you say yes." Mrs. Cammann has been doing "odd bits and pieces,

helping out wherever, ever since." Now, of course, it won't be bits and pieces, but deep into the heavy Committee plans for the next two years.

Mary Lindsay, after some correspondence and conversation with both Mr. Stout and Anne Sidamon-Eristoff, AMNH vice-pres., became a trustee five years ago, and has been "helping sporadically ever since." Mrs. Lindsay arrived at the meeting just after completing a vigorous tennis game ("I lost!") but obviously felt no sense of defeat regarding her Museum job.

The three women are vital, imaginative people who work together comfortably. Those smart enough to fall in with their 24-carat plans will wind up with 48-carat satisfactions.



Sidney Borowitz, chancellor & exec. vice-pres. of NYU, arranges the hood as Gardner D. Stout receives the Doctor of Science, honoris causa, degree on June 5 from James M. Hester, pres. of NYU. The citation reads, in part: "When you retired...the dissemination of scientific knowledge tempted you into a new career. In the seven years since you became its pres. ...the Museum has undergone a steady revitalization at your hands...In making one of this city's and the nation's foremost cultural and informational resources more accessible and attractive, you have demonstrated how a museum can not only reveal the past, but also open a window on the present and the future, and all the time be a very lively place. NYU salutes the civic, cultural, and scientific zeal that has motivated your extraordinary labors, and welcomes you to the company of its honorary alumni."

EARNING AND LEARNING

Six work-study programs, both in Museum departments and in far-flung field locations, are helping 63 college and high school students this summer.

Financial grants for the Museum's Undergraduate Research Participation Program, funded by Reader's Digest Foundation, have been awarded to Susan Bierwirth, Kathleen Duffin, Pauline Hayton and Ronnie Mae Levinson.

Ms. Bierwirth is participating in archeological field work at an ancient Shoshone Indian rock art site, in Gatecliff Shelter, Nev., where she worked last summer. She is again assisting David Thomas. An experienced photographer, Ms. Bierwirth is from Cedarhurst, N.Y., and is an anthropology major at Tufts Univ.

Ms. Duffin is conducting a bibliographic and distributional study of the birds in northeastern Brazil. Although not making the trip to So. America, she is conducting research at Great Gull Island under the supervision of Lester Short, who says he is "very lucky" to have her assistance. Ms. Duffin is from Yorktown Heights, N.Y., and is an honors candidate in science and history at Harvard Univ.

Ms. Hayton is assisting in laboratory studies of tropical fish and of the mating behavior of cats, under the supervision of Lester Aronson. She double-majors in biology and psychology at Mount Holyoke College and is from Bound Brook, N.J.

Ms. Levinson has recently completed her work for the summer with Enid Schildkrout. Working with extensive collections of African artifacts, Ms. Levinson sorted the objects and researched and documented their use. She graduated in May from Barnard College with a B.A. in anthropology and is from New York City.

Several private organizations are sponsoring student interns in other activities. Assisting the Special Projects office are three students in the Community Summer Intern Program, sponsored by First National City Bank. Two have worked for the Museum before: Yu Wen Ying of Barnard and Amy Armonath, who will attend Queens College in the fall. Hired to supervise an art workshop is Frances Siegel, a graduate of Pratt Institute and a practicing artist and teacher. Florence Stone says that Ms. Siegel was chosen from "a cascade of enormously qualified people."

Working in the same office are Georgia Shinaul and Caesar Medino, who attend nearby Brandeis High School; their stipends are paid by the Equitable Life Assurance Society. Ms. Stone will also use the services of several students hired through the

Mayor's Office of the Handicapped. They are Michael McIntyre of Hunter College, Janet Balter, of Long Island Univ., and Aaron Norman of Pratt Institute.

Of all the summer intern programs, by far the largest is conducted by the Urban Corps, which places college students in a wide range of city agencies and non-profit institutions. Participating students register for the program through their schools and receive the major portion of their salaries from the federal government. Urban Corps interns work for varying time periods during different parts of the year. The Museum is now employing 30 Urban Corps interns in ten of its departments.

Working for Animal Behavior are Luis Martinez, Earlham; Wayne Ortiz, Brown; Sharon Robblee, Lehman; Faye Smith, Marymount and Rene Wright, Baruch. In Anthropology are Deborah D'Amico, Hunter; Karen Fisher, Connecticut Coll.; Brenda Hureau, Hunter; Sarah Meltzoff, Columbia and Elizabeth Yodice, Queens. In Archives are Anita Fajans, Princeton and Lenore Khan, City University Graduate Center.

Working in Education are Paul Bertaccini, Columbia; Karen Dessables, Marymount; Rondi Ericksen, Columbia; Jose Gonzalez, Hunter and Terry Williams, Kirkland. Employed by Fossil and Living Inverts. are Dolores Espinoza, Hunter and Henderson Shepherd, Hofstra.

In the Library are Solangel Casabona, N.Y. Community College; Evelyn Collier, Hofstra; Napoleon Encalada, Lehman; Augustin Henriques, Lehman; Willie Mann, Hofstra and Reinaldo Rodriquez, CCNY.

Rita Kohn, Columbia, is in Mammalogy. (Also working for the department is Kostas Triantos, a Columbia student participating in a special university work-study program.) Employed by Photography is Carole Gordon, Hunter. Working for Public Affairs are Christina Buman, Columbia and Michael Molyneux, Princeton.

In Special Projects is Kurt Madison, Wisconsin. Ms. Stone, who is Mr. Madison's supervisor, called the summer internships "fantastic programs. We couldn't do the job without them--no way." Her opinion is echoed by the other depts. using the services of these students.

Like the Urban Corps, the Neighborhood Youth Corps is a publicly-funded program. Under its auspices, 20 New York City students were scheduled to begin working at the Museum starting July 7. Their names were not available as the Grapevine went to press.

A LUNCH IN MAY

The weather was beautiful, the food delicious, the company compatible on the day in May when Mrs. Alexander M. White hosted the staff wives' luncheon at her Oyster Bay home. In between mouthfuls, the group discussed their plans for summer field work and vacations, then later explored the old schoolhouse where Walt Whitman once taught

and which Mr. White purchased for \$60 in 1920. Still later, the guests visited the home of Mrs. Richard Derby, where they were shown a bust of her father, Theodore Roosevelt, a chest her brother brought back from the Hindu Kush, and a portrait painted in the White House, of Mrs. Derby and her mother. Scenes from the day are shown below:

The hostess and some of her guests:



From l. to r.: Mesdames Henry Gardiner, John Saunders, Charles Weaver and Walter Koenig.



From l. to r.: Mesdames Gardner Stout, Alexander White and Richard Derby.

GRACE E. B. MURPHY

Grace E. Barstow Murphy, naturalist, conservationist and author, died in Seattle, Wash., in May. Mrs. Murphy, who received an honorary doctorate from Brown Univ., was the widow of Robert Cushman Murphy, and was 86 years old at the time of her death. She was the author of "There's Always Adventure," an account of her life with Dr. Murphy, and "Your Deafness Is Not You," about her own triumph over that affliction. Mrs. Murphy is survived by two sons, a daughter, eleven grandchildren and eight great grandchildren.

AND ANOTHER DOCTORATE

William T. Golden, AMNH vice pres., was awarded a Doctor of Science, honoris causa degree, by the Polytechnic Institute of New York in June. Mr. Golden was commended for his early work as an assistant to the Atomic Energy Commissioners, helping to "lay the ground for the peaceful use of nuclear power...The scholarly organizations and institutions to which you have lent your skill and judgment are...innumerable...Among your friends and associates you are known as a supremely fair-minded and generous man, never too busy to give help and advice when they are needed, one who respects scholarship and who himself possesses scholarship in an unusual degree of breadth and depth."

Mr. Golden was asked to make a commencement speech when accepting his award. It was a short, pithy one with these closing comments: "Recently I visited the Kitt Peak Natl. Observatory in Ariz. and promptly asked to be shown the great new 158-inch optical telescope. On entering the computer instrumentation control room, I was arrested by a strikingly prominent sign on the wall. On one side was drawn a large pair of pliers and on the other a screw-driver. Between them the lettering read, 'If it works, don't fix it.'"

Ladies and gentlemen, that's your lesson for the evening."

OF NOTE

Florence Stone and a behind-the-scenes "insider's view" of AMNH sold for \$145 on TELE-BID 13 last month. WNET, Channel 13, was holding its first fund-raising auction, and AMNH cooperated by offering Mrs. Stone, lunch and a tour that will include a preview glimpse at the new halls of Peoples of Asia, Minerals and Gems and Reptiles and Amphibians. In addition, the winner (plus three relatives or friends) will be able to see rare artifacts and specimens in anthropology and in the Frick collection, and to visit the Museum's rooftop where Animal Behavior conducts research.

We know Flo Stone is worth, at least, \$145, so the winner has a genuine bargain, surely a hard thing to come by these days.

SUMMER FILM FESTIVAL

A Robin Lehman Film Festival will be held at 2:00 p.m. in Education Hall on Tues. and Thurs. during August. The half-hour programs are:

- Aug. 5 & 7 "Sea Creatures" -- underwater in the Red Sea
"Don't" -- 1975 Academy Award Winner, starring a monarch butterfly
- Aug. 12 & 14 "Coulter's Hell" -- Yellowstone Park in the winter
"Don't"
- Aug. 19 & 21 "Undercurrents" -- underwater in the Gulf of Mexico
"Don't"
- Aug. 26 & 28 "Flyaway" -- the adventures of a glider
"Don't"

IT BEGAN WITH WINE AND CHEESE

On June 18, the Planetarium Council hosted another successful "Stars of the Season" party, ushering in the summer solstice. The wine and cheese were served in the Guggenheim Space Theater, where a 360° slide presentation of astronomical photographs of summer were flashed, accompanied by a special selection of taped music. At 7:30 the guests ascended to the Sky Theater, where Mark Chartrand gave a summary of what was currently happening in the heavens. A Laserium show, with some new effects, followed.

Jeannette McElvenny, chairwoman, reports that over 400 people attended and \$3,000 was raised. The Council is now planning an October event to celebrate both the autumnal equinox and the Planetarium's 40th anniversary.

HERE AND THERE

Anthropology: Junius Bird returned from Panama and has many tales to tell of his search for evidence of early man...David Thomas is on a summer field trip to complete his study of the Gatecliff site in Nev...Carin Burrows went to Cape Cod on a shell-collecting expedition...Robert Carneiro is doing ethnographic field work in South America... Nicholas Amorosi, staff artist, won the Veterans Award at the Washington Square Outdoor Art Show

in May. The painting, but not the artist, will travel around the country.

Fossil and Living Inverts: Horace Stunkard is working at home in Woods Hole, Mass., for the summer...Also working at Woods Hole is Penny Hopkins, studying hormonal control in limb-regeneration of crustaceans at the Marine Biological Lab...Recently returned from the same state is Niles Eldredge, who was conferring, and studying trilobites, with Stephen Gould at Harvard...Ernst Kirsteuer recently returned from a three-week stay in Belize where he participated in the Smithsonian Institution's "Investigation of Marine Shallow Water Ecosystems"...William Emerson and William Old attended the joint annual meeting of the American Malacological Union and Western Malacological Society in San Diego. Earlier in June, Mr. Old gave a presentation on "Rare Shells of the World" and presided as a judge at the Ninth Annual Shell Show in Pittsburgh...Harold Feinberg recently received his B.A. degree from Edison College, Trenton, N.J....

Arthur Dusenbury Jr., has retired after 11 years as assistant editor of the quarterly, Micropaleontology. He will continue his research in micropaleontology.

Herpetology: Charles Cole and Carol Townsend joined Michael Robinson of the Univ. of Arizona on a field trip through Arizona, Utah and New Mexico in mid-May. During the 1700-mile drive, they collected a number of live lizards for their long-term studies on the genus Sceloporus...Janis Roze is Scholar-in-Residence at the Institute for Humanistic Studies in Aspen, Colo., during the early summer...Richard Zweifel and Charles Myers attended the annual meeting of the American Society of Ichthyologists and Herpetologists held in Williamsburg, Va., in June.

Natural History Magazine: The magazine has merged its advertising sales program with Harper-Atlantic Sales, Inc., the joint sales organization of Harper's Magazine and The Atlantic Monthly. Advertisers using all three magazines will receive a 10% discount and will reach over 1,000,000 high-income and high-education readers.

Volunteers: In its June article about the April "Behind-the-Scenes" tours, GV neglected to mention the important contribution of 14 volunteers who conducted the tours. Our apologies are genuine, for without its volunteers, the Museum's work would be hampered. During the summer, some 125 volunteers are expected to work each month.

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MOLLUSK HALL TO FEATURE MOORE SCULPTURE

AMNH usually leaves art collecting to other museums. But for the new Hall of Mollusks and Mankind, scheduled to open Dec. 12, Margaret Cooper of Exhibition has obtained an original plaster figure from Henry Moore, one of the most highly-regarded sculptors in the world.

Moore's work, entitled "Standing Figure: Shell-Skirt," was the model for nine bronze casts, all of which are in the hands of collectors. Part of the nine-inch figure is a shell-shaped form, the replica of an oyster found in British waters.

Ms. Cooper knew that some of Moore's art would be suitable for the mollusk hall. She wrote to the 77-year-old sculptor after reading that he had donated original plasters to a Toronto museum. She then visited his home in England and accepted his gift of the sculpture.

Shells are one of the many organic forms that Moore has incorporated in his art. "Anyone familiar with his work would recognize this one as a Moore," Ms. Cooper said.

Such an acquisition is unusual for the Museum, but is in keeping with the interdisciplinary nature of the hall, which will feature contributions from both anthropologists and malacologists. There will also be art on loan from the Metropolitan Museum of Art and the Brooklyn Museum, among others. The Moore piece will be placed in a central position in the hall, enclosed in its own cylindrical case.



OCT. 4TH IS THE SIXTH

Each year, preparations for West Side Day involve extra effort from everyone -- and what a difference that day makes to us all! For example:

Simon Siflinger of Graphics is one of the first to feel the pressure, since it is he who must lay out the printed program of events. He receives the art work (illustrator is Aliki Brandenburg) well in advance, but then follow days (nay, weeks) of

maneuvers as he tries to squeeze the long list of activities into a limited space. Mr. Siflinger sighs "Each year it grows more involved," and he sighs again. "There are always changes being made up to the very last minute." Despite Mr. Siflinger's close association with the big day, this will be daughter Elizabeth's first visit. "Now that she's seven, we think she's old enough to absorb every-

thing. About 20 young neighbors may come, too."

Building Services probably bears the heaviest load. There is much moving and rearranging required, most of which cannot be done until the night before. Over a ton of clay for modeling dinosaurs needs transporting, as do platforms, pianos and hundreds of tables and chairs. "It's move, move, move, for almost two days," Al Potenza, asst.mgr., told us. "Prime mover" Frank Masavage supervises his crew of eight -- the Messrs. Ardito, Bonilla, Castelli, DiBella, Dolan, Heffernan, Mangano and Melito -- with an efficiency made possible by years of experience. No sooner are the festivities over than he must utilize the same efficiency to dismantle and clean and replace. The Museum does, after all, go back to "business as usual" the next day. "Occasionally," Mr. Potenza admits, "there's a wise guy who just remembered a desperate personal emergency requiring him to be absent that week. We simply threaten to lash him to the yardarm," he continues, "and the emergency suddenly evaporates."

Attendant-guards will be in full force that day, supervised by Phil Miller. One of their important duties will be relaying walkie-talkie messages that WSD workers send from all Museum corners.

Since visitors will be treated to an avalanche of audio-visual entertainment, projectionists expect their busiest push of the year. Mgr. Arthur Grenham and assistants Lew Gainey, Fred Silberstein and Larry Van Praag will all be on hand to make sure the show goes on. The special electrical work is under the power of Tony Gallardo and crew. Hammer-and-nail power comes from the carpenters, not the least of whose tasks is the hanging of the West Side Day banner over the 77th St. entrance. As for Cafeteria Mgr. Helen Somers and co-workers, feeding the thousands of visitors is no short order.

Frank Lombardi and Gerald Thurmman, sr. technicians in Fossil and Living Inverts., are usually found behind the scenes on normal working days. WSD offers them an opportunity they appreciate -- meeting visitors. Mr. Lombardi, who works with fossils, "carts down the entire laboratory and then brings it back upstairs." He plans a full day of demonstrating his techniques of preparation and displaying such items as a Rhodesian rock that is almost 4 billion years old. "It's amazing how many people find the world of fossils an entirely new thing," Mr. Lombardi observed. "It adds a romantic dimension to my work."

Mr. Thurmman, who handles the living invert. specimens, tries to provide "exhibits people can touch," including sponges, snails and live crabs.

He recalls an earlier, outdoor WSD when a sudden downpour struck. "The sponges absorbed so much water that, by the time I got them inside, they weighed a ton."

Jean Augustin, sr. technician in Mammalogy, also looks forward to "a chance to go out to the community." He is preparing a basic introduction to his dept., drawing on his familiarity with its 25-to-30-thousand specimens. This year he may spotlight endangered species, believing "you can't emphasize enough the importance of preserving what little we have left." Being able to deliver such a message makes the occasion "a bright, shiny day."

Kate Bennett and Linda Claremon of Education spent part of their Central American vacation learning Guatemalan backstrap weaving just so they could demonstrate same for a West Side Day audience.

There is, as well we know, a far longer list of people responsible for making West Side Day successful. "Without them, the day wouldn't even be possible," acknowledges Flo Stone, orchestrator of the annual event, now in its sixth year.



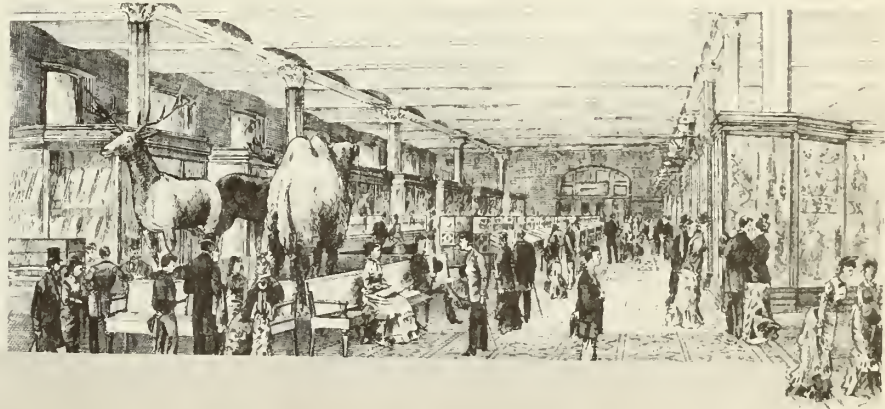
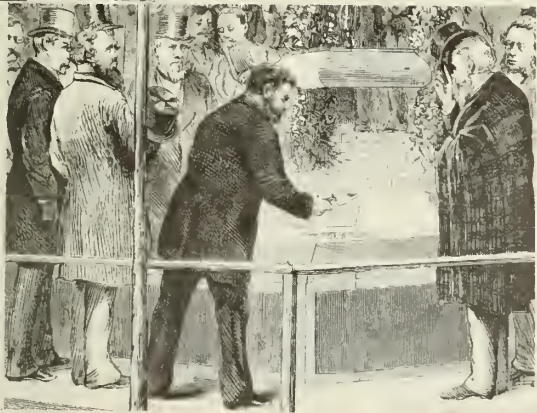
"Los nobal" means nothing, but unscramble the letters and you'll get a sensible word.* The anagram is one product of the Art Workshop members, creators of all art work for West Side Day '75. Seen above in one of their more serious moments are, from l. to r.: Jeddy Siegel, Amy Armonath, Michael McIntyre, supervisor Frances Siegel, Caesar Medina, Aaron Norman and Kurt Madison. All except Jeddy are working in various summer intern programs. (*balloons)

THE AMERICAN MUSEUM A CENTURY AGO...



In 1875, the Museum still occupied its original site, the Arsenal in Central Park, which is now the headquarters of the N.Y.C. Parks, Recreation and Cultural Affairs Dept. The drawing at left shows carriages on Fifth Avenue, drawing up for a Museum reception in 1875.

Meanwhile, work was under way on the first building (section 1), the first floor of which contains the Hall of Northwest Coast Indians, in the present Museum complex. The drawing below left shows President Ulysses S. Grant laying the cornerstone in 1874.



By 1877, this first building of the Museum opened for business. The drawing above right shows early visitors to the Museum.

The photo at right depicts this first building at about 1880. Now hidden behind the 77th Street facade, the brick structure then was a lone figure among the rocks and ponds of a still-deserted section of Manhattan. The picture was taken from the roof of the Dakota Apartments, which still stand at the corner of 72nd Street and Central Park West. The apartments were named in ironic reference to the sparsely settled Dakota territory of the West. And despite the laid-out streets, the area between 72nd Street and 77th Street looks as empty as that frontier. What a difference a century makes!



RE THE ELEVATORS

While the 77th St. elevators undergo rehabilitation, the newly-constructed one in Section 6 fills in.

It is open seven days a week. No key is required to get on the elevator from any floor, but at certain times a key is necessary to get out to the hallways on floors 2, 3 and 4. The basement, 1st and 5th floors, however, require no key and are always open for egress.

Charles Miles advises that these arrangements may be changed at some future date; however, plenty of notice will be given so no one should have difficulties.

...WHERE CREDIT IS DUE

The Credit Union reached two milestones in August: it reached an all-time high in assets and moved into larger, improved quarters. In its new offices, just ten feet away from the old location in the Roosevelt basement, the CU is open from noon to 1 P.M., Tuesdays and Thursdays.

Assets are \$401,737 as of July 31, Treasurer Robert Adlington told GV. Some 370 AMNH employees participate, either as savers or borrowers. Shares, or deposits, amount to \$368,502 and employees have \$301,918 outstanding in loans.

Summer always brings a wave of vacation loans, but business has been particularly brisk this year, Mr. Adlington explained, "because people are borrowing more money than they used to."

Among the CU's attractions is a six percent dividend, compounded quarterly, on savings. As long as five years can be allowed for repayment of loans, while payroll deductions make repayments and saving almost painless. If the price sounds right, why not join the credit-at-lunch bunch?

HERE AND THERE

Education: Malcolm Arth will participate in the Northeast Museums Conference at the N.J. Historical Soc. in Newark on Oct. 29.

Exhibition: The Suffolk Marine Museum hosted the 10th Annual L.I. Ship Models show, representing various periods of international maritime history. Prior to the opening, awards were given to the best models. Derek Squires was one of the judges.

Entomology: Herman Lent of Rio de Janeiro will leave in Sept., after spending six months working with Pedro Wygodzinsky here. Their study involved the Triatominae (kissing bugs) which transmit Chagas' disease, a problem in most So. American countries.

Fossil and Living Inverts: Norman Newell and Donald Boyd discovered a new species of bivalve fossil on a recent dig in Tunisia. Subsequently, they learned the same species has also been identified in Malaysia...Diana Haring joined the dept. as a curatorial asst. She will help curate the type collection of fossil inverts. Ms. Haring formerly was a part-time worker in the Museum Shop...Linda Mantel returned from a one-month field trip in Boca Raton, Fla., where she used the facilities of Fla. Atlantic Univ. A population of land crabs is threatened with extinction because of new condominiums being built there. Dr. Mantel took a fine collection of color slides of these animals, and gave a slide-lecture on the subject at the Fla. univ.

Graphics: Betti Haft, who was appointed graphic artist this summer, brings much experience as a designer. Ms. Haft has worked for chemical and drug manufacturers, both in the U.S. and Europe, for advertising agencies, and as a free-lance designer. She is also a teacher of typographic design. She paints and bakes in her spare time. She and her architect husband live in Jackson Heights with son Jamie (9) and daughter Nina (12).

Herpetology: Last spring, Richard Zweifel and family spent a week on St. Catherine's Island, continuing ecology projects in progress for the past three years. In July, Charles Cole and José Rosado conducted research there, the first such mid-summer herpetological studies...Mr. Rosado was recently elected to the Alumni Bd. of Directors, House Plan Assn., CUNY.

Paint Shop: Painter-foreman Klaus Wolters says that two painters, Edward Tobin and Irving Erdos, had to leave because of city budget cuts. "They were good painters and good friends, as were the people in other sections who had to leave. We hope we'll see them all back."

Reproductions: Remember "Steggie," the Stegosaurus that went to Japan? Well, another is now being made for the Australian Museum in Sydney. Four early horse skeletons were recently sent to a new horse museum in Lexington, Ky., which is one of the many reasons why Martin Cassidy is now a genuine Kentucky Colonel, by order of the governor. Mr. Cassidy has also been appointed a "Partner in Education" by the NYC school system, from which more than 135 students have been apprenticed to the workshop program. There are seven students, paid by Neighborhood Youth Corps funds, working now. And, as always, there are a devoted group of volunteers pasting, pounding and painting.

GRAPEVINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

Vol. XXXII, No. 7

November, 1975

EXTINCT BUT NOT EXTINGUISHED

Moving down the Columbus Ave. driveway into the Museum parking lot, not quite straight ahead is a large gray garage door, behind which there is considerable, and usually bustling, activity. It is here, in a refurbished garage, that the Museum's Reproductions Section goes about the business of saving extinct animals from oblivion. (In actuality, it does much more, such as making Eskimo snow goggles (its present occupation) for an Education Department traveling exhibit. At some future date it may be fabricating sandstone calendars or other ancient artifacts.)

The big project at the moment is Steggy III. Steggy I, the first Museum Stegosaurus reproduced, flew off three years ago to the Osaka Museum of Natural History. Almost simultaneously, Steggy II was replacing the original in the Hall of Early Dinosaurs; the real fossils are now safely stored. Steggy III leaves for Sydney, Australia, in about two months to become resident dinosaur in the Australian Museum.

You can watch Steggy III being made, or, when it has been completed, see some other replica being fashioned. The activity is part of "This Exhibit in Preparation," now in Gallery 77. Stop in there one day. The entire presentation explains what goes on in the Dept. of Exhibition and Graphics, of which Reproductions is a unit.

The current Stegosaurus asking price is \$8000. Should you favor an Ornitholestes, the cost is \$710; four-toed Eohippus, \$605, and the fossil skull of the Neanderthal man found at La Chapelle-Aux-auxains, \$125.

Reproductions has an active student program that currently involves many NYC high schools and colleges. There are also volunteers who come on a fairly premanent basis, and even a few students who have remained long past their graduation from high school. One, Louis Lora, a graduate of Brandeis High School and now in the CUNY five-year biochemistry Ph.D. program, is considered

Repro's present genius. Mr. Lora and another Brandeis graduate, Manny Valdiva, received special citations from Gardner D. Stout when they completed their original training two years ago. In addition, there is a gentleman from Saudi Arabia, Yahya M. O. Faden. Mr. Faden, who has a B.A. degree in zoology and chemistry, is spending 18 months at AMNH studying all aspects of exhibition; he will eventually return to Riyadh to work in its Natural History Museum.

Martin Cassidy, a man of considerable vision and the one full-time worker, is manager. Joan Barton, a musicologist by profession, works as his part-time assistant. Other permanent part-timers include Peter Hansen, sculptor, student and occasional taxi-driver; Jean Kelley, poet and theater consultant, and Eileen Spikel, sculptor and painter.

Although the educational aspect of the section is receiving increased attention, its primary aim is to create a steady source of income through the sale of AMNH replicas to other museums. The staff is also developing a line of reproductions for sale in the Museum Shop.

The educational benefits are the result of the students' close working relationship with the staff. This enables them to master the arts of tooling, manufacturing of molds, handling of plastics and working with a great amount of scientific data. Many students (such as Mr. Lora) go on to careers in science.

One former student is now creating a highly individualized kind of puppetry.

By producing replicas, precious Museum originals can be preserved. Erosion, which is the result of constant exposure to air and light, and persistent vandalism make it increasingly dangerous to leave originals on public display.

The section also provides reproductions for loan. One group of items was recently returned from Montreal's "Man and His World" exposition; a Tyrannasaurus skull is now on its way to Texas.

The section's pace is one of relaxed industriousness. The work area has a cluttered charm, with its array of tools, machines, pulleys, specimens and vats of mysterious brews always fascinating the visitor. There isn't much in the way of color (dusty gray-brown and blob-white predominating), but there is plenty of action and a great deal of clever conversation.

It's nice down there in Reproductions.

LECTURE PLANNED

All employees are invited to attend a talk, "Comparison of Growth in Girls and Boys," to be given on Wednesday, Nov. 19, in Room 419 at 5:15 p.m. The speaker will be Dr. Cece Daum, Asst. Prof. of Pediatrics, Neurobehavioral Research Group, Albert Einstein College of Medicine. The speaker will be introduced by Ethel Tobach of Animal Behavior. Contact Dr. Tobach on ext. 266 if you wish further information. Future programs on other scientific and social topics will be announced.

Note: Elevator service will not be available at the end of the talk; therefore, all attending should be prepared to use the stairways.

NO SMOKING

Repeat: No smoking. It is now official. Smoking is against the law anywhere within the Museum except for specifically designated areas. Those areas are: locker rooms, restrooms, the Cafeteria and some business offices. Department heads determine which offices allow smoking. Infringement is punishable by fine. The law is in effect 24 hours a day, seven days a week.

Violations by AMNH personnel cause considerable embarrassment to the authorities who must enforce these regulations, so do watch where you are when inhaling your poison.

TWO IN ONE

A new admissions booth has been installed at the parking lot entrance on the first floor, section twelve, serving both the Museum and the Planetarium; visitors may now purchase admissions to either area at the single location. Special aisles have been set up to ensure that no one pays Museum admission and ends up in the Planetarium.

Five part-time staff work in the new booth; Sophie Lupero, Planetarium box office, trained them. These employees will be on duty in the booth Monday through Friday. They are John King, Jack

Krypell, Mildred McGarrigle, May Mirin and Frank Phillips. On Saturdays, Sundays and holidays, Planetarium staff will be in charge.

In addition to giving the Planetarium more exhibition space within its own halls, it is expected that this new booth will simplify admission procedures.

TRADITION - THE NICEST KIND

On November 24 the Museum's third origami Christmas tree will be lighted by our retiring president, Gardner D. Stout, at a 3 p.m. ceremony, complete with refreshments, to which all employees are invited. For the past two years we have stood in the Roosevelt Rotunda, oh'ing and ah'ing as the lights went on and the fantastical origami figures posed and pranced in colorful contrast to the dark green of the 25' high balsam.

But this tradition can endure only if employees, their families and friends continue to cooperate. Every year some of these folded paper ornaments must be replaced; every year new animals and natural history objects are added.

Learning the origami art, as many of our colleagues can attest, is a satisfying experience. Alice Gray in Entomology is in charge; she is agreeable and marvelously qualified to teach the art. Plan very soon to take a lunch hour off. Make an appointment (call ext. 313) first, then go to the school lunchroom "G," the temporary origami headquarters in the basement. You can work there or take the paper home. Whichever, do your part to keep a growing tradition alive, and then come to the tree-lighting ceremonies to honor Mr. Stout.

The Akeley Hall of African Mammals will be closed all day November 24, so please use alternate routes to the Roosevelt Rotunda.

A CHANCE TO SHAPE UP

A special class meets Tuesday afternoons at 5 p.m. in Education Hall, a dance-exercise class for men and women who work seriously for approximately one hour. The group wants to increase its membership but emphasizes that newcomers should be genuinely interested in regular attendance. There is no charge for the classes, and although they are strenuous, they have a wonderful way of brightening one's spirits after a hard day's work.

If you are interested in joining, call Carol Winfield (ext. 481) or come to the hall on Tuesday after work. Leotards are the customary attire, but you can wear pants or shorts if you prefer.

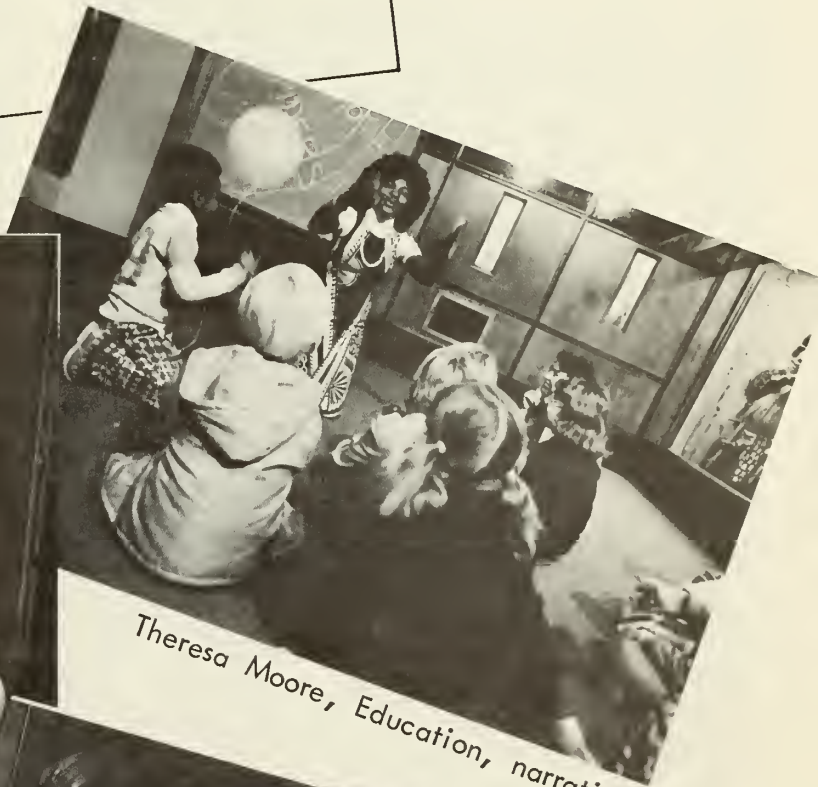
Thanks for West Side Day!
 It further glorified our favorite museum!
 Wow! Terrific!

JOHN, LINDA, DANIEL & LAURA
 STACKHOUSE

265 W. 20 ST
 NYC 10011



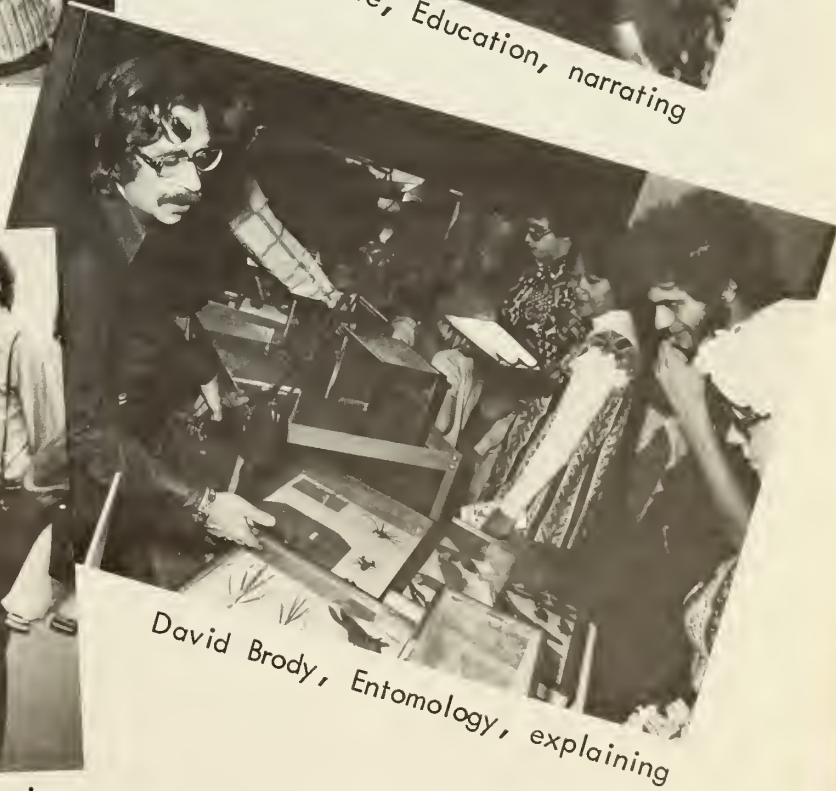
Gerald Thurmman, Fossil & Living Inverts.,
 demonstrating



Theresa Moore, Education, narrating



Mary LeCroy, ornithology, discussing



David Brody, Entomology, explaining

HERE AND THERE

Astronomy: Barnett Lipman, the new ass't. business manager, was born in Huntington, N.Y. It was his childhood dream to pursue a career among the "stars," so it is only natural to find him now in a planetarium office. Previously, Mr. Lipman was a staff member of the Theatre Department of C. W. Post College, Long Island. He is a musician who plays the synthesizer, an electronic instrument. When not so engaged, he actively pursues his favorite hobby, living... Jeffrey Mennin is the new business manager. A business expert, Mr. Mennin came to the Planetarium via Wall Street. Associates describe him as a warm, personable gentleman with an engaging smile. He is also an unmarried twenty-five.

Graphics: The creative "Cans from a Pressured City" exhibit from Joe Sedacca's inspired brain was recently purchased by American Can Company. A new traveling case was designed by Mr. Sedacca to house the 22-can collection, in order that the company can present the exhibit throughout the United States; it is now on display in the home office at Greenwich, Conn. If you know of a small museum that might like to show the exhibit, contact John McGoldnick, Director of Communications Services, American Can Co., Greenwich, Conn. 06830.

Herpetology: In July the Richard Zweifel family took a boat-and-raft trip down the northern section of the Green River in Utah, collecting specimens en route... Charles Myers, accompanied by son Charles, Jr., joined Dr. Marinus Hoogmoed of the Rijksmuseum of Leiden on an August collecting trip in Surinam... The Charles Bogerts went on safari to Africa this summer and then, on their return, spent time in São Paulo, Brazil.

IN HIS HONOR

On Thursday evening, Oct. 16, the "whale hall" was almost unrecognizable. The Men's and Women's Committees had turned it into a seaside bird sanctuary filled with blue-and-white balloon trees (balloons deaden sound). The transformation was made for Mr. and Mrs. Gardner D. Stout, guests of honor at a gala dinner in recognition of Mr. Stout's retirement after seven years as AMNH president.

The evening was planned by Nora Cammann and Mary Lindsay, co-chairwomen of the Women's Cte., both of whom quickly acknowledge that their successful efforts were due in large measure to the

super-savvy of Museum people. They give special credit to Photography and Projection for their help with the preparation and presentation of the warm and witty slide show on the life of Mr. Stout. Mrs. Cammann was the mastermind behind the show, and L. F. Boker Doyle, Men's Cte., the effective narrator. The slide show was made into a handsome book: one copy was presented to Mr. Stout and the other, at the request of the Board of Trustees, will go into Museum archives.

Approximately 200 people were on hand that evening. No one has yet been found who puts on a glum face when asked about the dinner. "It had something extra special about it, that is very hard to explain," one enthusiastic guest informed us. "There was a spirit to it that made you feel good about being there, yes; but also about being a part of the Museum."



TURKEY TALK

We recently did some research, the results of which might make pleasant conversation for Thanksgiving:

Although venerated for its high moral character by Benjamin Franklin and generally esteemed a delectable bird, little attention has been given to Meleagris gallopavo and its elocutionary idiosyncracies.

In addition to the familiar "gobble-gobble," (more accurately pronounced "gi-obble-obble-obble"), the turkey actually has a wide range of vocalization. There is a staccato "kut-kut" when the bird is feeling passive, and a dynamic "heoh-heoh-heoh," when it is reacting more dramatically. "Purt! purt!" is an imperative alarm, and "kew-kew" serves as a vivace food-note, making everyone aware it is high time for dinner.

A breakthrough in syllabic study has shattered the common belief that a turkey emits a "gobble-gobble" while feeding; in point of fact, it expresses gustatorial contentment with a melodious "yedle-yedle-yedle."

Further research is still needed, however, for the meaning of expressions such as "chow-chow-chow," "yunk-yunk-yunk" and "goo-goo-goo" are imperfectly known, although some turkeyophiles consider them merely colloquialisms.

We hope you consider this information worthy food for thought.

Vol. XXXII, No. 8

December, 1975

SPECIAL EVENTS MARK GARDNER STOUT'S RETIREMENT

With words borrowed from the book of Genesis -- "and let there be light" -- Gardner D. Stout pressed the button that lit the Museum's resplendent origami Christmas tree on Monday afternoon, Nov. 24, signaling both the beginning of the holiday season and the end of Mr. Stout's seven-year presidency.

Over 300 Museum employees and volunteers attended the tree-lighting ceremonies and were treated to doughnuts, cider and punch. (The tree looks especially festive this year, due in part to new lighting and in part to the inspiration and efforts of Alice Gray, origami expert and tree-decoration coordinator, and her hardy band of paper-folding enthusiasts.)

Mr. and Mrs. Stout were special guests of honor at the party. Director Thomas D. Nicholson noted that Mr. Stout would now be an honorary trustee and a field associate in the Ornithology Department, and presented each of the Stouts with a gift from employees. Mr. Stout received an original painting of shore birds by Robert Varity Clem entitled "Whimbrels Rising: Monomoy." Mrs. Stout was presented with a beautiful golden cowrie for her impressive shell collection. Mr. Stout thanked the assembled guests, congratulated the Museum and its employees for being "stylish," and then lit the Museum's third origami tree.

That same evening, Museum trustees were host to almost 300 guests at a gala black-tie dinner in honor of Mr. Stout. Cocktails were served around



The origami tree is a dazzling sight to Mrs. and Mr. Gardner D. Stout, who were honored guests at the Nov. 24 tree-lighting party.

Happy Holidays

the tree, and dinner was held in Akeley Memorial Hall. Mr. Stout was surprised with a performance by the All-City Chorus -- a favorite of his -- which sang specially-selected songs for him, including "My Heart Belongs to Daddy," Yale's famous "Boola Boola," the St. Paul's hymn and "America the Beautiful." Specially-composed lyrics were sung to "Anchors Aweigh" for ex-Navyman Stout. William T. Golden was toastmaster.

To cap the evening, a portrait by Julian Barrow of Mr. Stout seated in his Museum office was presented to him on behalf of the trustees by Mrs. Francis H. Low and Mrs. Constantine Sidamon-Eristoff, who planned the delightful evening. Mrs. Stout was given a rare glory-of-the-sea cone, one of the "aristocrats of shells."

Although Nov. 24 was the day that Mr. Stout officially retired from active Museum leadership, we anticipate seeing him often in the future, both as a member of the scientific staff and as an honorary trustee. The Stouts will very much remain an important part of AMNH life.

INTERNATIONAL MENUS FEATURED IN CAFETERIA

"All-American Day," the first in a series of special menu days, was held in the cafeteria on Nov. 12. The menu and decorations, both provided by ARA Services, carried out the patriotic theme, which was planned in observance of Election and Veterans' Days. On Nov. 18, a Puerto Rican menu was featured to celebrate Puerto Rican Week, and Pilgrims' Day was held on Nov. 25.

Additional special menu days will be scheduled throughout the year to coincide with Museum programs as well as local and national holidays. Within the next two months, "Food of the Sea" on December 12 will mark the opening of the Hall of Mollusks and Mankind, and Christmas and Chinese New Year menus are being planned. Weekly menus distributed to all departments will list specific themes and dates.

SCENES FROM THE NOV. 24 DINNER FOR GARDNER D. STOUT



Clockwise, starting below: Mrs. Constantine Sidamon-Eristoff and Mrs. Francis H. Low present Mr. Stout with the trustee gift of his portrait; the All-City Chorus ends a lively number; greetings are exchanged between Lester Aronson and Mrs. Stout, and Mrs. Alexander M. White and Harry L. Shapiro.





C. Lavett Smith and Charles S. Rand observe one of the well-developed embryos they recently found in the reproductive tract of this rare coelacanth.

Scene: a basement laboratory in the Museum's Ichthyology Department. Time: mid-afternoon, September 10, 1975. C. Lavett Smith, chairman and curator of the dept., and Charles S. Rand, professor of comparative hematology in the biology dept. at Long Island U., hold scalpels in hand. On a table waits the dissectee: a preserved specimen of a mature female coelacanth (Latimeria chalumnae), five feet, four inches of grotesque fish, possibly the most controversial fish ever. (Controversial because coelacanths were believed to be extinct until December, 1938, when a living coelacanth was caught in coastal waters off southeast Africa. A live dinosaur walking across the Belt Parkway couldn't have stunned scientists more.)

Hematologist Rand, with ichthyologist Smith assisting, prepare to snip samples of coelacanth tissue. Rand's purpose: to find out where blood cells are produced in fishes. Inside the body cavity, their hands probe hitherto unknown organs. Suddenly something altogether unexpected. They realize there is a sac in the body cavity and in the sac something shaped like a fish. Something the coelacanth had eaten? Scalpel is applied to the sac and the two scientists find themselves staring in disbelief. It's a miniature coelacanth, about fourteen inches in length, a well-developed embryo still attached to a good-sized yolk-sac. More probing, then -- three more sac-encased embryos. The hour is late, it's all to much, for now. They leave the three embryos in place.

September 17. The specimen is back on the table. Working with Drs. Rand and Smith this time are Bobb Schaeffer of Vert. Paleontology and James Atz of Ichthyology. The three embryos are taken from their sacs and set down next to the first one.

More probing, and a fifth embryo is encountered. The events of September 10 and 17 topple a widely-held theory that coelacanths are egg-laying. The scarcity of mature female coelacanth specimens and the absence of any obvious copulatory organ in the male had, for 37 years, left unanswered the key question of whether this strange fish laid eggs or gave birth to living young. The five embryos lying on the dissection table enable our scientists to state definitely that "the living coelacanth is ovoviviparous."

HERE AND THERE

Accounting: William Humber spent two memorable weeks in Rome, Paris and London recently, and the memories linger on...Trudy Neger wants to know if you feel left out. Mrs. Neger is a member of the "League of Lefthanders," and is encouraging AMNH lefties to join the international organization, which is planning a convention to be held soon.

Animal Behavior: The dept. was recently treated to a slide show on New Zealand by William and Margaret Tavalga. Upon their return from that country, they screened "New Zealand: Land of the Long White Cloud," complete with appropriate music...Philip Zeigler has returned from a year in that same country with his family, where he studied Keas, Kiwis and Kakas (all birds). The title of Dr. Zeigler's seminar was "New Zealand without Zeal," which in no way describes his feelings for the country. In fact, both Drs. Tavalga and Zeigler are eager to return to that beautiful land...Lorraine Marie Tucker, former curatorial ass't., was married in August to Lt. Robert J. Foster, commander of the Army Electronics Command at Ft. Monmouth, N.J. Building Services: Friends are asked to pray for

Howard Heffernan's recovery. With the Museum for 27 years, Mr. Heffernan was stricken with diabetes six months ago and has been at home ever since.

Entomology: Recordings for the Blind telephoned the dept. to recruit people who can volunteer two hours or more to record an entomological book for a blind student. Anyone interested in participating in this in this project or in working for the organization should call Frances Levine, 751-0860.

Exhibition: John Stark, a principal preparator with AMNH since Jan. 1, 1956, retired in October. Before coming to the Museum, Mr. Stark had his own model-making business. He has done some marvelous model-making for AMNH -- witness the dinosaur weather vane outside the Natural Science Center window and the beautiful models in the new Hall of Mollusks and Mankind. Mr. Stark and his wife, Cleo, will spend most of their time at home in Sharon, Conn.

Fossil and Living Inverts.: Norman and Gillian Newell returned last October from an extended trip to several European countries. They were occupied with attending meetings, examining fossil collections and making plans for further research on Triassic molluscs. Later they went to Salt Lake City (along with Roger Batten, Niles Eldredge and Julie Golden) to attend the annual Geological Soc. convention. A report was given there on research that Dr. Newell and colleagues had completed during their Tunisian field trips in 1974 and 1975...Dr. Eldredge also went on a field trip to southwest Utah to collect Cambrian trilobites...Chris Budzynski, a volunteer and recent Fordham graduate, has been cataloging the former Libbie Hyman Library of inverts. The reprints will be housed in the dept. library...Michael Dumont, after six years as sci. ass't. to Dr. Batten, resigned to pursue a career as a professional photographer. With wife Belinda and 16-month-old Patrick, he is moving back to his hometown, San Francisco.

Herpetology: Drs. Cole and Zweifel spent time on St. Catherine's Island, Ga., continuing work on projects ecological. They also made brief trips to a satellite island and hope to visit more next spring...Edward Teller spent a week in Norway, Maine, visiting retired mineralogist David Seaman and looking for gems and minerals, his hobby.

Ichthyology: Harry and Rosie Jacobson celebrated the birth of their first child, Joseph, on Nov. 4, all seven pounds, eight ounces of him.

Library: Lucienne Yoshinaga spent a month in Japan with her husband, John. The postcards she sent hinted of the beauty of the places seen, but her

first-hand reports were even more glowing.

Ornithology: Roger Pasquier, long a dept. friend and active Linnaean Soc. member, is now a curatorial ass't. III on an NSF grant. A Columbia graduate, Mr. Pasquier majored in art history. He has done volunteer cataloging in the dept. and has spent summers on Great Gull Island. He originally worked with Jack Farrand on the re-arrangement of the Main Series of Bird specimens... The Francois Vuilleumiers are on an exciting field trip to the high Andes of Peru...Lester Short has returned from a whirlwind tour of seven museums in seven European countries in order to make final studies for his book, "Woodpeckers of the World," due to be published next year.

Vertebrate Paleontology: Richard Tedford and Ted and Marian Galusha spent several productive months on field work in Nebraska...Mrs. Zak-Segal walked in off the street one day with a special egg which she wanted to give to the Museum. Eugene Gaffney examined the egg, and, lo, it was a genuine rare Pleistocene ostrich egg from China.

"We have others in our collections, and this is not very valuable," Dr. Gaffney admits, "but it was a surprise to find someone bringing in a gift in such an unusual manner."...many dept. members were at a Soc. of Vertebrate Paleontology annual meetings held at the Museum of Comparative Zoology at Harvard and participated in discussion groups.

Volunteers: Marjorie Ransom recently graduated her eighth class of new volunteers, who are now working for Education. A post-grad. class for old-timers will begin in Jan...In Nov. a meeting of N.Y.C. Volunteer Coordinators was held in Calder Lab., with Winifred Brown, admin. director of the Mayor's Voluntary Action Center, presiding. Miriam Pineo, Caroline Macomber, Katy Hilson and Babs Staniford represented AMNH. Among participating museums were the Brooklyn, Guggenheim, Metropolitan and Museo del Barrio, and organizations included the N.Y. Botanical Garden, N.Y. Aquarium, N.Y. Public Library and the S.I. Historical Soc. In her talk, Ms. Brown stressed staff-volunteer relationships...Gaston Thorn, prime minister of Luxembourg and pres. of the U.N. General Assembly, visited the Museum on Election Day. Fortunately, Tammy Weintraub had voted early and was on hand to greet the unexpected distinguished guest and his party. For two hours Mrs. Weintraub took them through the Museum and Planetarium, after which the prime minister commented: "I've learned more in these two hours at the Museum than in a year at the U.N."



GRAPEVINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

Vol. XXXIII, No. 1

January-February, 1976

"UNITED SALVATION"

For 1976 and hereafter, the Salvation Army and the United Fund of Greater New York have become partners in fund-raising, combining their annual philanthropic campaigns in the business community. With the start of the Museum's campaign on Jan. 27, your gift now goes to the Fund, the Salvation Army and the American Red Cross.

For many years, the Administration has authorized this campaign because the 425 Fund agencies need our help to meet effectively the urgent needs confronting our city and the people who live and work here. The dollars you contribute will be quickly put to work to help people minute-by-minute, and every day throughout the year. You will receive a leaflet from your campaign coordinator which lists the many benefits that are provided to meet the enormous hospital, health and social service needs of people in our community. It explains why each employee, including commuters, should give "on-the-job." With the Salvation Army now a part of the Fund, the need for contributions is greater than ever.

Because this is the only campaign the Museum conducts, and because the Fund never solicits at your home address, you are asked to be as generous as possible when you are visited by your coordinator.



NEW CHAIRMAN FOR MINERAL SCIENCES

Martin Prinz, a native New Yorker who was previously with the Institute of Meteoritics at the U. of New Mexico, has been appointed chairman of the Dept. of Mineral Sciences (formerly

the Dept. of Mineralogy), effective Jan. 2.

A petrologist, Dr. Prinz has also been appointed curator of meteorites. He has done extensive research on meteorites and lunar samples, as well as on deep-earth materials, which are brought to the surface by natural processes from as deep as 100 to 150 miles. Composed of iron and magnesium silicates, these three types of materials are providing clues to the composition and history of our solar system.

Dr. Prinz received his Ph.D. degree in geology from Columbia U. in 1961. He then went on to become an assoc. prof. at Tufts U. In 1968 he worked at the U. of Calif. at Berkeley and at the NASA-Ames Research Center at Moffett Field before joining the Institute of Meteorites. From 1962 to 1976 he was a research associate at AMNH.

Dr. Prinz suggested the name Mineral Sciences for the dept., he reports, because it more fully reflects its wide-ranging research and activities. Dr. Prinz will soon be joined by a new curator of mineralogy, who is in the process of being selected. He is also awaiting the arrival of his wife and three children, who have remained in New Mexico while he hunts for a house in the New York area.

FROM TEN TO SEVENTY

For the past 40 years, the Optical Division of the Amateur Astronomers' Assn. has been conducting a series of popular classes in telescope-making. The Association was active in fund-raising for the Hayden Planetarium when it was originally built but is a completely separate, independent organization which, for the present, meets in the basement classrooms through the permission of the HP.

Every year a new group of students appears, eager to learn the intricacies of constructing a telescope. Usually the model is a 6" f/8, having a maximum magnification of almost 300. The telescopes are diffraction limited; i.e., perfect down to the limitations imposed by the wave nature of light itself.

Telescope-making is gaining in popularity every year. The Association classes meet on Tues., Wed. and Thurs. evenings between 6-8:30 p.m. and in-

clude students of all ages. One ten-year old is joined by her father and two older sisters.

The entire operation is non-profit and the instructors work without receiving compensation for their time. The telescope mirror-making class runs for approximately 30 sessions, or the full academic year. It costs \$60, including cost of materials. The telescope assembly class, for students who have completed the mirror-making, costs \$140, including materials. For further information, call Philip Pinches, director of the program, at his home, 795-2823, or at his Planetarium extension, 509.



One of the class participants is Pat Bartolone, Bldg. Services. Mr. Bartolone, an attendant at the Parking Lot who has been with the Museum for sixteen years, is interested in art, crafts and science. Here he is seen, a devoted telescope-maker at work.

EMPLOYEE ACTIVITIES

Two extremely interesting meetings are planned for the month of February to which all AMNHers are cordially invited. On Wed., Feb. 4, at 5:15 p.m. in Room 419, there will be a discussion on "Childhood: Its Role in History and Its Effect on Attitudes Towards Women." On Wed., Feb. 25 (same time, same place), "The Rising Sun and Daughter," a film on Japan, will be shown, followed by a discussion led by Dr. Hannah Levin, social psychology prof. at Rutgers-Newark and Carol Winfield.

Both events are part of a series on scientific and social topics for employees. Please contact Ethel Tobach on ext. 266 if you wish further information. Note: Elevator service is discontinued after 5:30 p.m. Plan to go home via the stairways.

SCENES FROM A DECEMBER DAY

The magician captivated the audience, but the photographer was captivated by the spectators.

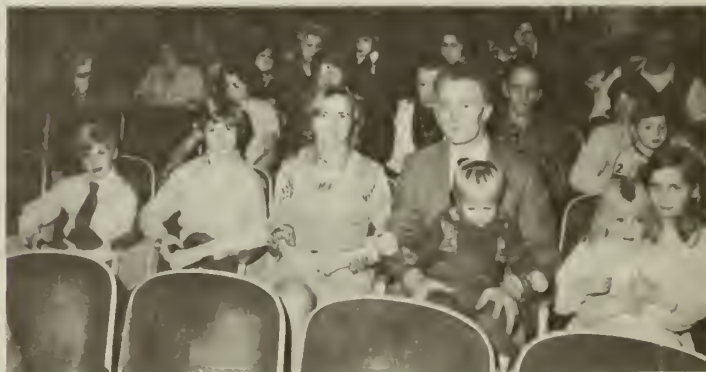
Some Came in The Big Family Size



The Errique Lombano clan: From l. to r., first row: Mr. Lombano, attendant guard; Jose Sandobon, 6; Errique L., 7; Juliette Suarez, 4; Richard L., 5; Josephine Suarez, 11; Lisette L., 8. Second row, l. to r.: Marguarita Suarez; Megdalia L; Carmen L; Sonia L.; Julian Suarez; Josephine Suarez.



The James Webb clan: (Mr. Webb, not pictured, is an attendant guard) First row, l. to r.: Dawn Webb, 12; Caprice Ann Davis, 6; Stephanie Hartridge, 5; Yvonne W., 17. Second row, l. to r.: Clover W., 14; Denise H., 15; Sheila W., 13; Neville W., 16.



The Gerald T. Boyle clan: from l. to r.: Kevin, 8; Gerald Jr., 13; wife Anne; Gerald, Sr. (Paint Shop) with David, 2, on his lap; Kathline, 5, on the lap of Patricia, 11.

Everyone enjoyed one of the very best Christmas parties ever given by the Museum for the children and grandchildren of employees.

...and they came in smaller sizes, too!



Here is proud father Larry van Praag (Projection) with wife Ann, Karla Joy, 3, and Robyn, 7 mos.



This young man is eleven-year-old Fritz Alfred, godchild of Lucienne Yoshinaga, cataloging librarian.



Betti Haft's (Graphics) children, Nina, 12 and Jamie, 9.



Nathaniel Johnson's (Education) children, Eric, 6 and Aster, 3.



Edward Daskocil (General Services) brought his grandchildren, Michele and Robert Maloney, 6 and 4, here seen with an unidentified stranger.

BITS AND PIECES

Quote Unquote! The following is lifted from page 23 of the best-seller, "The Dreadful Lemon Sky," by John D. MacDonald. It is excerpted from a conversation between the famous MacDonald detective, Travis McGee, and his friend, Meyer, who says: "A friend of mine, Albert Eide Parr, has written, 'Whether you get an idea from looking into a sunset or into a beehive has nothing to do with its merits and possibilities.' I seem to get too many of my ideas by looking into my childhood."

Help From All Over! The Surgical Products Division of 3M Corp. donated 4200 Aseptex brand surgical masks to the Education Dept.'s circulating exhibit-kit project. In his thank-you letter, David Pressler, mgr. of Circulating Exhibits in Education, wrote: "...while our exhibit-kit includes masks from many countries, your gift has made it possible for us to provide each child with a sample mask...to keep. This personal communication would not be

possible without your donation."

And thank YOU, Pfc. Deborah Porter! Included in her Christmas card to AMNHers, Pfc. Porter said: "I want to thank everyone for making each of my many trips to the Museum as new and different as the very first...I am happy to be a member and always proud to tell others I am."

In the Ensemble! Jo Humphrey, one of our so-valuable volunteers, is a member of the cast of Enid Bagnold's The Chalk Garden. The production is being presented by The American Ensemble Co. Theatre, located on 35th St. between Park and Madison Aves. Performances are on Thurs., Fri., Sat. & Sun., from Feb. 10-25. Mrs. Humphrey has also started a shadow puppet theatre which will perform at the Yueh Lung Shadow Theatre, 62 Mott Street on Jan. 31, Chinese New Year.

Gone Up! Planetarium prices increased as of Jan. 7: Adults, \$2.35; young people under 18 with student IDs, \$1.35; senior citizens, \$1.50, except weekends and holidays.

On Mon., Feb. 23, the 41st Annual Meeting of the AMNH Employees' Federal Credit Union is scheduled in Room 419, at 12:15 p.m. All CU members are invited to attend.

HERE AND THERE

Animal Behavior: Ethel Tobach served on a special NSF panel of experts in behavioral science for a week in Dec. Panels were convened to evaluate pre-college science curricula at the request of the U.S. House of Reps. Cte. on Science and Technology... Ronald Thomas has successfully defended his Ph.D. thesis and will be 27th on the roster of students who have obtained doctorate degrees through the combined auspices of the dept. and local academic institutions...The dept. welcomes former Trinidadian, Thomas P. Alexander, to its part-time staff. Mr. Alexander is working with Lester Aronson as a neurohistologist.

Education: The following grants have been received: \$7500 from the Henry Nias Found. to support People Center weekend programs; \$23,500 from the Robert Sterling Clark Found. to develop printed materials for visitors (including brochures for the new Hall of Minerals and Gems, which opens to the public on Fri., May 21), and \$20,000 from the Edward John Noble Found. to implement a Discovery Room for children, to be located near the Hall of Ocean Life entrance. In addition, \$46,425 was granted by the NEA in continued support of the Minority Training Program. This year the group includes Francisco Chapman, Herman Hall, Patty Harjo, Esau Quiroz and Byron Rushing. A N.Y.

State Council on the Arts grant continues support for teaching assistants in the halls of Man in Africa, Mexico and Central America, Eastern Woodlands and Plains Indians...Mary McLaughlin, former secretary in Education, is now the secretary for Public Affairs...C. Bruce Hunter is leading two field study tours, one to Yucatán in Jan/Feb and another to So. America in March...Malcolm Arth recently returned from a trip west during which he addressed the Rockefeller Fellow Trainees at the deYoung Museum in San Francisco. He also worked on museum education programming with administrators at the Heard Museum of Anthropology and Primitive Art in Phoenix, and at the Museum of Northern Arizona, Flagstaff.

Entomology: Paul Gilman, who had been working in the dept. on a one-year NSF grant, has left and is now doing graduate work at NYU Medical Center...Joan Chiamonte, secretary since April, 1975, has become a sr. secretary in Education.

Herpetology: The dept. proudly announces that one of its lizards from an all-female species laid a clutch of live, developing eggs sometime between 5 p.m., Dec. 24 and 9 a.m., Dec. 26, apparently without assistance from a male (i.e., virgin oviposition)...Janis Roze, research assoc., was recently appointed visiting fellow on the Cte. for the Future (UNITAR - United Nations Institute for Training and Research) of the U.N.

Library: Mary Wissler, librarian emeritus, spent many volunteer hours compiling and Xeroxing a newspaper clipping collection dealing with natural history figures and happenings. The five-volume compilation now resides in the Library's reference collection. Miss Wissler is now updating the Natural History index. "Thank you, Mary," says the Library...Reference librarian Barbara Wurtzel has resigned. Everyone wishes her well...Janina Gertner and Tessie Rechtshaffer were both hospitalized at the same time in the same hospital. Ms. Gertner is recovered and back; Ms. Rechtshaffer is expected to be back soon...Nina Root, Toby Brown, Carolyn Wichman and volunteer Rhoda Harris will be speaking, demonstrating and sharing their knowledge about the restoration of rare and not-so-rare books at a seminar of the Archons of Colophon. Ms. Root, the first woman ever to be elected a member of the Archons, will also be the first woman ever to address this assn...Readers' Services received a large box of whale-shaped, raisin-eyed cookies at Christmas as a surprise gift from a very satisfied patron who was impressed by the assistance given her by the reference and circulation staffs.

GRAPENINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

VOL. XXXIII, No. 2

March, 1976

A ROCKY ROAD

With the acquisition in 1874 of the Bailey mineral collection, then valued at \$4000 and numbering 7000 specimens, AMNH took its first step on a long path which now leads to the opening on May 21, 1976, of the exciting new Hall of Minerals and Gems.

Those 7000 specimens, before settling at AMNH, were placed on exhibit at the Philadelphia Centennial Exposition, and then loaned to the governments of Canada, Spain, Brazil, Tasmania and New Zealand. They came to their permanent Museum home in 1882, to grace the then extant Hall of Geology.

Seven years passed uneventfully--mineralogically speaking--but then J. Pierpont Morgan presented us with the famous Tiffany collection (which had been on grand display at the 1889 Paris Exposition),

and with that gift, the Department of Mineralogy came into existence. The Tiffany collection, consisting of 1453 entries, is particularly valued for its prize sapphires, topazes, beryls, garnets and tourmalines. Its estimated value was \$100,000--then! Mr. Morgan continued enlarging the collection with smaller gifts, and, in 1900, presented the Bement mineral collection, numbering 12,000 specimens. This donation, also valued at \$100,000--then!--marked the finest and most complete assemblage of such materials ever made by one individual up to that time.

Years passed. More treasures came: the Hitchcock collection of New England minerals and the Clarence S. King collection, gathered by that noted geologist in his survey along the 40th parallel of latitude.



the old Geology Hall, circa 1910, is viewed here with one of its more stately gems front and center. The piece of equipment was called a

"sparkler," and was an ultraviolet machine used for examining the interiors of mineralogical specimens.



Another 1910 view of the Geology Hall.

The Museum's collection of meteorites, those "messengers from outer space," is among the world's finest. It began with 500 specimens from the Bement collection and then was consistently improved, especially with items acquired from the Peary and Andrews explorations. Admiral Robert Edwin Peary added the Willamette and Cape York meteorites attained while he was on Arctic expeditions; Roy Chapman Andrews amassed 4000 specimens from his Mongolian journeys.

The Drummond collection of carved objects and the Boyce-Thompson 4000-piece jade, gemstone and mineral collection also helped in making the Museum's mineral and gem acquisitions among the greatest in the world.

At the time of the opening, and for approximately one month thereafter, there will be a spectacular exhibition of nine world-famous diamonds, totalling over 800 carats. A rare collection of naturally-colored diamonds, the Spectrum Collection, will also be exhibited.

It is all mind-boggling, that vast supply of glitter which is not gold. By the time the handsome hall is filled with the wonders from deep in the earth, there will be few other places on its surface to rival the display.

The curvilinear hall was designed to resemble a subterranean area. The rich, chocolate-brown carpeting on floors, walls and ceiling and the subdued lighting further help the resemblance. Eventually, of course, we will all be able to see the new hall. For now, it maintains its mystery, thereby enhancing the excitement for the May 21 opening, the end of a road that began 102 years ago.

MEMBERSHIP HAS A NEW LOOK

The sold out (even on closed circuit tv in Education Hall) R.Buckminster Fuller lecture in Feb.

was a starter for Roberta Goldman, the new membership secretary. Mrs. Goldman is full of plans and hopes and has already made an impact on AMNH.

She came to the Museum from a sales promotion job in a New York City firm. When interviewed, Mrs. Goldman said, "As a former New Yorker, this Museum has always been a part of my life. It is part of my children's lives, too. The Museum has prestige, an important history. I am happy and proud to be a part of it."

The children referred to are David, 13, and Judy, 11; father Gerald is the rabbi of Temple Sholom in Plainfield, N.J. The Goldmans live in No. Plainfield.

"I want to restructure the Membership program," Mrs. Goldman says. "It is my hope to secure several well-known personalities each year for lectures and in addition to run a really worthwhile program that will give members good reason to come to the Museum. I also want to make them a more active, participating body."

Membership dollars help AMNH considerably, of course, and by restructuring the membership program, Mrs. Goldman hopes to make the cost of service less to individual members and, at the same time, enable the Museum to realize greater income because of increased attendance. This restructuring includes the children's programs, as well.

PURCHASING

Glen Kulawas, purchasing agent, came to the Museum in Jan., 1975. He is a Manhattanite who likes cats and the theater. Mr. Kulawas, who wishes he could get around the Museum more, must spend most of his time in his third floor office. For the Museum, he purchases everything from paper clips and paper towels to steel hardware and the new electric trucks we've seen scooting through the halls.

Mr. Kulawas enjoys doing research on such items as those trucks, called "personnel carriers." He spent considerable time ferreting out the best quality for the fairest price. The personnel carriers are yellow because that color, along with orange, is considered a safety color. The blinking red light is another safety feature. It is expected that three or four more will soon be appearing in the halls. Mr. Kulawas has also purchased a four-passenger carrier for Robert Goelet, who believes that they are the perfect conveyance for carrying VIPs around, especially those not too young or physically fit.

Glen Kulawas has found his work educational and varied. Educational because he is always learning. For example: Pure bristle for paint brushes must be purchased in Canada or Japan. The bristles come only from The Peoples Republic of China. The United States does not trade with that country now, ergo.... Varied because he never knows what request will be made of him or whether he will be king or knave. If he is able to provide instant service, he is the greatest hero, but heaven forfend should there be delays!

How can we help Mr. Kulawas become a hero? Be specific and exact when ordering. We'll try to remember that.

AN EVENING SPENT HUNTING THE LITTLE BROWN BIRD AND THE BIG GRAY RHINO

On March 4, the Men's and Women's Committees reached a new level of imaginatively-planned chaos by creating a treasure hunt of massive proportions. Over 300 people showed up for the hunt that divided guests into teams of eight. Each team, equipped with poem clues, was sent off to areas on the third and fourth floors to learn the habits of oysters, count the number of birds on a rhino's back, and find an animal with the name of one of the seven deadly sins.

By 9:15 all were at the starting gate. By 10 p.m. the first of these "Olympic" contenders was re-turning. Speed was not the major asset however; accuracy was what mattered. The winning team, captained by Sam Butler, managed to ease home just a bit ahead of the rest.

Jane Ulstrup and Rusty Gelb of the Women's Committee deserve major credit for an evening that was applauded by all as uniquely entertaining. The Committee thanks Museum people who, "as usual," say they, "were enormously helpful and enthusiastic."

PERSONNEL

In Personnel there's a whole new team. Individually and collectively they are enthusiastic about their jobs, finding them varied and challenging.

Geraldine Smith, manager, formerly worked with Campfire Girls, Inc. A Queens resident, Ms. Smith is a genuine jazz buff with a fine collection of records. She is a jazz pianist who plays "rather badly at the present," and also a conga drummer. Since she has a B.A. degree in biology and a great interest in invertebrate zoology and paleontology, her Museum work represents an especially happy blend.

Ms. Smith finds AMNHers generally cooperative, and wisely recognizes that "the real key to coop-

eration is communication." She feels that by working for the Museum, an organization that does so much for the city and the country, she, too, is contributing in her way.

Jean Ward, personnel assistant, attended New Hampshire Univ. where she majored in psychology. She is a weekend modern dance teacher at her home in Rosedale, N.Y. Ms. Ward came to the Museum in August from the American Institute of Physics, and since that day has been having a busy time here, enjoying it thoroughly. "There are always different sorts of people showing up for the wide diversity of positions available."

Susan Freese, senior secretary and newest department member, can perform all manner of tasks, including switchboard, computer and telex operation. She lives with her family in Brooklyn and is interested in writing, sketching, sports and reading. Ms. Freese is learning a great deal in her new job, establishing a solid personnel background and responding positively to her encounters with all types of individuals.

As you can see, Personnel personnel are a heads up trio. They like the Museum and "are here," as Ms. Ward said, "to help. That is our real job."

BIGGER BETTER

The United Fund of Greater New York drive in the Museum exceeded previous years' contributions. The goal was \$3500; the amount collected was \$3869.96. Donations last year totalled \$2789.25, thus placing us ahead by almost \$1100 for 1976, a 25% increase.

Eighty-seven employees are contributing through payroll deduction, a figure well over last year's. When it is seen how painless this giving method is, first-timers will undoubtedly continue to contribute in this manner.

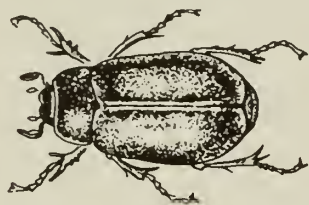
Many unit coordinators did an outstanding job for the United Fund this year: Klaus Wolters, Maintenance and Construction; William Sherman, Accounting; Catherine Pessino, Education; Florence Stewart, Library; Gertrude Poldervaart, Mineral Sciences and Lillian Berger, Natural History, are to be especially commended.

HOWARD J. HEFFERNAN

Howard J. Heffernan, an attendant guard at the Museum for 28 years, died Jan. 13 at his home in Inwood Heights, N.J. He was 58 years old. Mr. Heffernan, a veteran of WWII, was for many years a popular softball, baseball and football coach with the youth of Inwood and New York City. He is survived by one brother and four sisters.

ANNOUNCEMENT FROM THE PLANETARIUM

A new Ticketron unit has been installed, making it possible for advance tickets to Laserium to be sold directly from the Planetarium box office. Tickets are \$2.50 if purchased for an advance performance (but this charge is going up to \$2.75 after April 16) and \$3.00 if purchased on the day of performance. (This new Planetarium unit does not have the customary \$.60 service charge that is added to ticket prices at all the other Ticketron outlets.) The box office is open Mon.-Fri., 12-4:30; Sats., 10-5; Suns., 12-5.



HERE AND THERE

Anthropology: Craig Morris, assistant curator and specialist in South American archeology, received his B.A. degree in psychology and philosophy from Vanderbilt Univ. in 1961 and an M.A. degree and doctorate in anthropology at the Univ. of Chicago. Last summer, Dr. Morris taught at Brandies Univ. At the Museum, he will concentrate on studies of provincial and urban societies of the Incas.

Astronomy: Construction has begun on the Planetarium's new Hall of the Sun. Completion target: late 1976.

Ichthyology: Best wishes to Lynne and Richard Hirsch who became parents of Scott Efram on Dec. 22... Dr. Edward O. Wiley, III, successfully defended his thesis on Jan. 28. He is now making ready for his move to the Univ. of Kansas... Naomi Goldstick, curatorial assistant, resigned to resume studies at Boston Univ.... Next time you encounter Dr. James Atz, take note of his handsome commemorative belt buckle featuring Mama Coelacanth and her five "born, not hatched" babies.

Library: Welcome to new reference librarian, Pam Haas, who was once with the Northern Arizona Museum as an anthropological research assistant, and later with the Arizona State Museum on an NSF grant. Formerly a freelance librarian at Pfizer, Inc., Pam Haas has also worked for the Atomic Industrial Forum. She and her husband Jonathan are Manhattanites, still busy getting to know N.Y. When asked if there was something she wished AMNHers to know about her Mrs. Haas replied: "only that I'm here, and glad of it." So is the Library.

Mineral Sciences: When Martin Prinz assumed chairmanship of Mineral Sciences (formerly the Department of Mineralogy) he and Gertrude Poldervaart, senior secretary, moved into the third floor space (section 7A) previously occupied by Dorothy E. Bliss, now chairwoman and curator of Fossil and Living Invertebrates. Extensions 243 and 443 serve their temporary offices... Meanwhile, Vincent Manson, intern Joseph Peters and part-time assistant Anna Sofianides continue in the original fourth floor mineralogy offices adjacent to the half-century old, soon-to-vanish Hall of Minerals and Gems. Telephone extensions: 320 and 456. The Manson team will toil there until every last specimen has been readied for installation in the elegant new Hall of Minerals and Gems on the first floor. The permanent hall opens on May 21.

Southwestern Research Station: In Feb., Vincent Roth traveled through Costa Rica on a combined collecting-vacation trip, hacking his way through jungles of what appeared to be house plants. He sampled local foods, including turtles' eggs, and his vicissitudes included car trouble and a robbery on the beach at Acapulco.

General Services: Everyone misses the laughter of Lucy Shih who has transferred to the Library... Jimmy Blake is bringing a bus load of senior citizens to the Museum from the Judith Lynne Nursing Home, where he works part-time... Paul Vann will journey to North Carolina to attend a testimonial service for his stepfather, the Rev. Samuel White... Bob Noonan has successfully recovered from a bad bout of flu... Irving Almodovar is reminding everyone that the baseball season is fast approaching. The Headhunters yearn for your support.

Volunteers: The advanced training session for Volunteer teachers was held in Jan. Marjorie Ransom and her grateful corps extend special thanks to Chris Schuberth, Ken Chambers and Paul Sanfacon... Bill Wright and Dave Reed are two cordially welcomed new volunteers. Loyal Nancy Kovarsky will be sorely missed. She returns to Madison Ave. advertising... Two new grandmothers are Marjory Butterworth and Helen Marie Hedland. Caryn Magid, setting some sort of unofficial record, will have her third child while serving the Museum... Off to Africa are Katy Hilson, Nan Rees and Melinda Blinken. They plan to rendezvous there, an occasion which just may further unsettle the entire continent. They will be back in ample time to help with the May 20 party.

GRAPEME

THE AMERICAN MUSEUM OF NATURAL HISTORY

VOL. XXXIII, No. 3

April-May, 1976

THE HEADHUNTERS ARE OFF. . .

...and soon will have the bases loaded with only one out. It is time again for AMNHers to line up and sign on for the baseball season.

Joe Fiore, player-manager, asks that you call him (ext. 259) to join or get more information. All players are always wanted and welcomed even though a team is now shaping up, namely: Irving Almodovar, (Gen. Services); Jean Augustin, (Mammalogy); Romano Bertuletti, (Painter); James Blake, (Gen. Services); Ismael Calderon, (Education); Salvatore Cigliano, (Electrician's Helper); Freddy Culcleasure, (Cafeteria); William Culcleasure, (Cafeteria); Joseph Donato, (Electrician); Joe Fiore, (Bldg. Services); Herbert Goodloe, (Bldg. Services); Billy Graham, (Maint. & Const.); Fred Hartmann, (N.H.); Vincent Lammie, Jr., (Electrician's Helper); Tony Macaluso, (Electrician); Anibal Monterrosa, (Cafeteria); Rafael Olaguibel, (Bldg. Services); Steve Peterman, (Museum Shop); Tony Pulo, (Electrician); Esau Quiroz, (Education); Albert Spence, (Education); Jerry Smith, (Cafeteria); Kevin Thompson, (Cafeteria) and Klaus Wolters, (Foreman-Painter).

The first game, an exhibition, will be at 5:30, Mon., April 26 in Diamond #2 at the 86th Street area of Central Park. All subsequent games will be the real thing. The team is now busy practicing and will start competition on Mon., May 3, at 4:45 p.m. against the Litho Form Corp. in Diamond #2. Supporters and rooters, do come 'round and cheer our team! The first half of the schedule is as follows:

Mon., 5/3	Litho Form	5:45
Tue., 5/19	Guy Carpenters	5:30
Tue., 5/26	Marsteller	5:30
Mon., 6/7	American Express	7:00
Tue., 6/16	Mallory	5:30
Tue., 7/7	Paneth	5:30
Tue., 7/14	Veterans Admin.	5:30
Mon., 7/26	Standard & Poor	5:30

DELICIOUS NEWS

It's opus no. 2 for Edna Lewis of the Education Dept., whose book, "The Taste of Country Cooking," will be published by Alfred A. Knopf May 8 both in hardcover and paperback editions. In 1971, Bobbs-Merrill brought out her first tome, "The Edna Lewis Cook Book."

Ms. Lewis, a tall, dignified woman, has a warm, dazzling smile that prompts visitors in the Hall of Man in Africa to stop and listen as she discourses on African artifacts and tribal group dioramas.



Working as a part-time teaching assistant, Ms. Lewis came to the Museum in 1972. In the hall and in the People Center she has lectured on and exhibited foods favored by many African peoples.

However, food American-style is her true metier. Blending lucidly-written recipes and nostalgic reminiscences, Edna Lewis celebrates the

kind of American cooking she grew up with many years ago in a small Virginia Piedmont farming community that had been settled by freed slaves. With its menus for all and seasoning for all menus, her new book evokes the tantalizing aromas of a farm kitchen.

In a salute that will appear on the book's attractive dust jacket, culinary expert James Beard says, "Edna Lewis makes me want to go right into the kitchen and start cooking. Rarely does a book transmit such a feeling of warmth and friendliness, as well as a knowledge of good food and good cooking."

Edna Lewis has been at home on the range for a long time. In the years 1949-1953 she was chef at the Cafe Nicholson in Manhattan's upper east side. It was a restaurant rendezvous for many notables, including such literary luminaries as William Faulkner, Carl van Vechten and Carson McCullers.

Of her guide-lecturer activities in the Hall of Man in Africa, Ms. Lewis says that she very much enjoys her "instant children" whom she meets there daily.

COMMODIOUS * CLEAN * QUIET

If you want to retreat from the hurly-burly of daily life, we recommend a visit to the calm cleanliness of the fifth-floor telephone operator's spacious suite of offices. Catherine Bizelia, Peggy Brown and Helen Dean lounge up there in indolent luxury. Occasionally a phone may ring, buzzer buzz, light light; at which time, one of them will casually plug in a line. It is so low-keyed that we wondered, on a recent visit, why there are three operators when one scarcely has enough to do!

Do we hear a cry of protest? Can we possibly have made an error? In actuality, are those three cramped into quarters that almost completely hide them behind a filmy wall of sawdust, everyday dust-dust, and a not-so-filmy collection of zealous carpenters hammering, sawing and shrilly drilling all the live-long day? In actuality? Yes, exactly!

Ms. Bizelia tells us that in all the crises and calms of her thirteen years here, she has never experienced anything that quite parallels present working conditions. Almost-grandmother Brown, a ten-year employee, agrees, while great grandmother (and four-and-a-half-year newcomer) Dean nods assent.

The messy furor results from the work being done re the installation of the new 77th Street elevators. How these good-humored, competent women manage to conduct the vital business of the switchboard is

mind-boggling. But, in all truth, they do seem to do it with casual ease. Like all those who know their business, they cope (sometimes with startling comments), while making it seem effortless.

From those startling comments, a few quotes: "What kind of plants are sold in the Planetarium?" ... "Could you tell me today's date?" ... "If the Planetarium isn't open at night, how does one see the stars?" ... "Get that ant exhibit out of there before they destroy the city." ... "I've got a strange fungus on my finger. Could one of your anthropologists cure me?"

They must have said "Yes, we're on 79th Street and Central Park West," at least fifteen times during our fifteen minutes with them. But they never seem to become irritable or snap back -- even at the worst complainers. "Usually the people who give us the hardest time are the ones who want a pizza at the local beanery. Those making genuine calls are customarily patient and polite," claims Mrs. Dean.

The switchboard is closed on weekends; weekdays it is open from 8:30-5:00. There are almost 600 extensions and nineteen incoming trunklines.

The three operators get on marvelously well. "We have to, in these close quarters," Ms. Bizelia told us. "It would be lethal in here if we didn't." Twice a day they take a coffee break (one at a time, of course); one period a day is reserved for ticket-timing, i.e., tabulating the daily long-distance calls. Otherwise, it is non-stop. Despite the bustle around them, they attend the switchboard (1931 vintage) vigilantly, trying their best to ignore the noise, dust and confusion. You would have to travel far to find a trio better able to handle it all, and handle it with such amiability.



AND NOW,
A WORD FROM YOUR LOCAL PLANETARIUM

What Museum dept. is conducting an art competition for high school students? Will present a science fiction film course this summer? Is home for one of the most popular city weekend entertainments? Has gathered together some of the finest scientific minds in the country for a lecture series? Successfully hosted a series of change-of-season parties? -- Right! The Dept. of Astronomy, also known as the Planetarium.

□ Volunteer Jim Grodd worked with the Planetarium Council to coordinate the art competition for high school students in the N.Y.-Metropolitan area. Result: famed sculptor Isamu Noguchi agreed to serve as a judge along with gallery owner Terry Dintenfass, Metropolitan Museum curator Henry Geldzahler and Planetarium art supervisor Helmut Wimmer. Eastern Airlines has donated the grand prize.

□ Mark Chartrand informs us that Ben Bova, editor of *Analog*, will again be conducting this summer's "sci-fi" film series. Six movies are

scheduled for consecutive Wednesday evenings starting July 7 and running through August 11.

□ Mary Nettleton, secretary; Tom Lesser, intern; Allen Seltzer, sr. lecturer and Sandra Kitt, librarian, are all working for Laserium overseeing the performances. The show continues to attract large crowds and will be playing four nights a week during the summer.

□ Isaac Azimov, Princeton's Gerard O'Neill, Harry Shipman of the U. of Delaware, and Walter Sullivan of the N.Y. Times, make up the prestigious list of speakers for the special spring lecture series on Science and the Future, beginning April 13.

□ And finally, Jeannette McElvenny, chairwoman of the Planetarium Council, informs us that plans are now being made for a gala opening of the Hall of the Sun, scheduled for late November.

For full details on the Planetarium events, including costs, dates and times, contact Tom Jones, ext. 511 or the box office, ext. 389.



On the left, two scenes from our handsome new Hall of Minerals and Gems, opening May 21. Far left: Eleanor Forbes (Museum Shop) stands beside a huge uncut amethyst displayed in one of the hall's "portholes." The amethyst may be more costly, but Mrs. Forbes is more comely. Near left: The exhibit case at the entrance to the mineral area displays hematite, sulphur, pyrite, gypsum, fluorite, crocoite and calcite.

WE'VE BEEN PRAISED

Last Christmas season the Outwaters, father and son, were visiting the Museum. Back in Vermont, it became imperative that Mrs. Outwater contact her family during their Museum visit. A number of people went to a great deal of trouble to find them, and the important message was promptly and properly delivered.

The grateful Mrs. Outwater recently wrote to Dr. Nicholson. A portion of her letter reads: "Having faced rude taxi drivers and impatient saleswomen...your concern was unbelievable and heartening. My 13-year-old son found the Museum to be all he had hoped...It was an outstandingly kind memory in the middle of an unfriendly series of experiences in the city. Please relay to your entire staff our good feelings."

HERE AND THERE

Accounting: Frances Giloth, sr. clerk, retires this month. She started her Museum career in 1960 in the Natural History circulation dept., and joined Accounting in 1969. Mrs. Giloth plans to devote her retirement time to painting, gardening, traveling and enjoying her grandchildren. Son Henry, a former Micropaleontology member, is to be married in May.

Anthropology: Welcome back, Lisa Whittall! After a year at the Metropolitan Museum, Ms. Whittall will work on a special project involving textile research...Robert Carneiro presented a paper on "Shamanism and Witchcraft Among the Kuikura of Brazil" at the N.Y. Academy of Sciences...The following are off on field trips: Ian Tattersall to So. America; David Hurst Thomas to St. Catherine's Island; Enid Schildkrout to West Africa; Junius Bird to Panama...Margaret Mead's newest book (published by Little Brown & Co.), a collaboration with photographer Ken Heyman, is now on the book stands. It is entitled "World Enough: Rethinking the Future."

Astronomy: James Williamson, former controller in the Museum and box office manager at the Planetarium, died at his home last February. Mr. Williamson had been with the Museum for over 35 years and is remembered with fondness and respect...Ken Franklin was a lecturer last month on an astronomy cruise in the Caribbean aboard the Queen Elizabeth II.

Controller's Office: Accountant Bill Humber's office has been relocated in the Controller's Office; he may be reached on exts. 213 or 531.

Director's Office: Thomas Nicholson is now a grandfather: Catherine Jeanette, the first

Nicholson grandchild, was born to Lester and Beth Nicholson on March 4.

Herpetology: Charles Myers is recently back from a successful six-week collecting trip to western Panama...The retired Charles Bogerts are deeply involved in conservation programs in the western part of New Mexico.

Ichthyology: Co-paddlers Marj and C. Lavett Smith launched a beautiful homemade redwood strip canoe in March. Those of the dept. who had watched its construction were happy members of the launching party. The canoe proved extremely seaworthy until Jim Tyler (recently returned from Lerner Marine Lab.) came aboard -- but then, aren't ichthyologists happiest when wet? Dr. Smith did not include the canoe as part of the equipment taken along on his trip to the Indian Ocean, however. He is expected back soon, with a wonderful collection (another coelacanth?)... Louise LoPresti left the dept.'s watery climes for the drier environment in the President's Offices, where she now is admin. secretary for David Ryus. Mammalogy: Edward Hawkins, sr. technician, retired in January. Mr. Hawkins had been with the Museum since 1931 and at one time held positions with the EBA, Credit Union and other AMNH clubs...Peggy Canning, the new sr. secretary is a member of the Coast Guard Reserve. Ms. Canning lives in New Jersey with her five-year-old daughter, Julie.

Mineral Sciences: Martin Prinz visited electron microprobe manufacturers in Calif. and Mass. in order to locate the best instrument for the dept. He also spent time doing research and writing scientific papers at the U. of New Mexico. During the week of March 14, he attended the Seventh Annual Lunar Science Conference at the NASA-Johnson Space Center in Houston, Tex., where three of his co-authored papers were read. He also took part in the meetings of the Lunar Science Review Panel.

Southwestern Research Station: Ruth Morse took a sixteen-day botanical and ornithological field trip through northern Mexico to San Blas over the Christmas holidays...Vincent Roth spent three months in Mexico and Central America, collecting spiders and studying insect and arachnid intertidal zone fauna. Except for a few rifle- and machete-bearing banditos on the beach near Acapulco, the trip was peaceful. He was most impressed by the jungles, the five-cent avocados, the 15-20 cent pineapples and the bananas at two cents each (or less!).

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QUARTER CENTURY CLUB DINNER

Thelma Pollick of Exhibition and Graphics and Valter Lennon of Construction and Maintenance were feted May 12 at the 27th annual Recognition Dinner of the Quarter Century Club which honors those employees who have served the Museum 25 years or more.

Teresa Martin of the Development Office, Robert Jones of Building Services and Donald Buckley and Peter Kanyuk, both of Construction and Maintenance, also became QCC members but were unable to attend the dinner.

At the pre-dinner reception in Theodore Roosevelt Memorial Hall, about 100 men and women gathered, beverage-sipping, socializing and otherwise enjoying the relaxed, convivial atmosphere. About 85 of them were Quarter Century Club members; the rest were Museum officers and trustees. Of the Club members, about 50 were retirees, many of whom sported healthy, sun-tanned faces.



l. to r.: Arthur A. Heinimann, Power House (ret.); Volcan Batary, Power House (ret.); Louis V. Menzi, Education Department driver (ret.); John J. Jones, Building Services; Sylvester J. Murray, Power House (ret.); Robert B. Horan, Construction and Maintenance; John S. Ignatieff, Plumbing Shop (ret.).

Former chief projectionist Joseph Abruzzo (retired in 1974) was asked what tropical beach he'd been lazing on. Joe shrugged and replied, "Beaches? What beaches? I got this tan while up on a ladder outside my house in Flatbush. Nowadays, I'm catching up on a lot of repair work."

Seventy-year-old John Scott, a member of the QCC since 1959 and retired from Building Services since 1973, was another who was noticeable for his sun-bronzed complexion. Just back from Florida, he was asked, or maybe the Canadian Rockies? "No, nothing like that," Mr. Scott said. "I live close to Inwood Park in upper Manhattan, and I happened to get this particular tan while gabbing with an old friend in front of a drugstore on Broadway at 258th Street."

Dinner, elegantly set on tables in the Hall of Oceanic Birds, was a gustatory joy. At the head table: Charles A. Weaver, Jr., Thomas D. Nicholson, Jerome G. Rozen, Jr., Thelma



l. to r.: Dorothy Fulton, Photo Division; Gordon Ekholm, Anthropology Department; Abe Kaplan, Exhibition, preparator (ret.); Mary A. McKenna, Accounting; Patrick J. O'Dwyer, Planetarium (ret.); Lambert E. Pintner, Planetarium (ret.); Dorothy Wunderly, General Files (ret.); Phoebe L. Pierce, Planetarium.



President Robert G. Goelet offers a congratulatory toast to Thelma Pollick and Walter Lennon, who were honored at a May 12 dinner marking their 25 years of service to the Museum.

Pollick, Robert G. Goelet, Walter Lennon and Geraldine Smith.

As several guests were later heard to remark, Dr. Nicholson was never in better form in his role as master of ceremonies. Early on, he got a healthy laugh with his topical allusion to a management-labor settlement (within the past hour) that removed the specter of picket lines at

the Museum. "For a while," Dr. Nicholson quipped, "we weren't sure we'd be having dinner here or at some restaurant elsewhere in town."

Dr. Nicholson commended Thelma Pollick and Walter Lennon, to each of whom Mr. Goelet presented an ornate citation proclaiming their arrival at the quarter-century mark of service with the Museum.

ONE DOWN, TWO TO GO

Now that our magnificent Hall of Minerals and Gems has opened to rave reviews, we can direct our attention toward the next two major halls the Museum is in the process of creating.

The first to open, hopefully sometime near the end of 1977, will be the Hall of Reptiles and Amphibians. It is under the aegis of Dept. of Herpetology chairman Richard A. Zweifel, assisted by Charles J. Cole and Charles W. Myers, assoc. curators, and has Eugene B. Bergmann as its designer. The hall will consist primarily of ten 14' x 17' island cases in which the exhibits may be seen from all sides. Each case will contain beautifully-mounted specimens accurate to every last blade of grass and in color duplication.

Mr. Bergmann credits every Exhibition member as a contributor to the exhibition's production: "All will be, have been, or are presently involved."

It is a thoroughly time-consuming assignment, mainly because each specimen must first be collected, then posed and molded. A casting is made and painted so perfectly that the exacting scientists will approve. Attention to detail, of course, is also required in the fore-and back-grounds of the dioramas. The simulated rocks, plants and water-levels simply cannot be anything but perfect.

The animal specimens come from all over the world. Many are recycled from the old hall, particularly the endangered species. The new hall will, in all probability, be the most extensive reptile exhibition in any museum in the world.

Sometime in 1978, if all proceeds according to plan, the Hall of the Peoples of Asia will open its Hindu Gate, as well as its other spectacular doors. Walter A. Fairervis, Jr., chief consultant and factotum, works in close and obviously good-spirited cooperation with his assistants, Aura Donaldson and Monna MacLellan and Alex Williams, the hall's designer. Among them, they will, we are confident, produce a hall that will leave semanticists humbly silent.

Right now, stored in cases and shelves, are objets d'art that are scheduled for renovation, and will be brought into living color by accomplished finishers such as Carmen Warren, assisted by Al Robbins and Kathie Bluh. Naturally, Exhibition artisans will also be involved. Morale is high, the teamwork smooth and easy.

The hall will deal with an impressive amount of Asian history, including the development of Christianity, Islam, Judaism and paganism. It will also deal with prehistory through the Bronze Age. Matthew Kalmanoff has been called from retirement to paint the backgrounds for the

dioramas on this subject, starting with Dolni Vestonice in Czechoslovakia, one of the earliest known human campsites, to the relatively sophisticated city of Persepolis.

There will be duplications to scale of the great and vital trade route cities of Alexandria, Calcutta, Ur, Isphahan and Peking, as well as of the im-

portant sea routes. Special sections devoted to ancient China and Japan, gorgeously alive and exciting in their splendor, are also highlights of the exhibition.

There seems no end to the magnificence. The Hall of the Peoples of Asia will knock your eyes out, we just feel sure, and that's a fact!



The opening of the Hall of Minerals and Gems, to which, we are happy to say, crowds are coming in droves, was heralded by a number of gala parties. First (and nicest, of course) was the party the Museum gave for employees and volunteers. Another memorable evening was the cocktail reception on May 18. Among the guests were two very recognizable faces. Above is a photograph of the gentleman who figured so prominently in bringing justice to Murph the Surf. We see special prosecutor Maurice Nadjari surrounded by his wife and son (left) and Jane Ulstrup and Charles Weaver. Below, the actress Mildred Natwick is introduced by Malcolm Arth to Vincent Manson, while Charlotte Pratt and Fred Bookhardt look on.



MRS. STOUT ENTERTAINS

More than 20 staff wives were guests at the home of Mr. and Mrs. Gardner D. Stout in New Canaan, Conn., on May 12. Mr. Stout, being forewarned, prudently removed himself to the comparative peacefulness of the Museum halls.

Mrs. Stout presided over a delicious luncheon of "marvelous spinach and red cabbage salad, fantastic wild rice and beef casserole and a totally luscious strawberry shortcake," to quote one of the enthusiastic guests. A chill prevented would-be swimmers from taking a plunge in the pool, but the compatible company, May flowers and Mrs. Stout's warm hospitality more than made up for the weather. Everyone was quite reluctant to leave.

HERE AND THERE

Accounting: Deborah Simon, the new sr. clerk, is a welcome addition to the dept. Ms. Simon loves travel, the movies and seems to be an absolute natural with plants. She insists hers thrive on loud music.

Animal Behavior: Lee Ehrman, research assoc., was presented the Chancellor's Award for Excellence in Teaching by SUNY. Dr. Ehrman is a geneticist and prof. of biology at SUNY's Purchase campus.

Anthropology: David Hurst Thomas has returned to Gatecliff Rockshelter in Nevada for a fourth season of field work.... Last month Craig Morris taught a course at Cornell.... This summer Bettie Erda will study shadow puppets at Wesleyan Univ., Conn.

Building Services: The following promotions were recently made: Robert B. Hill, Philip C. Miller and Albert C. Potenza are now assoc. mgrs.; Peter F. Clarke, Sankar Gokool, Franklin W. Hoffman, Jr., Frank Masavage and Joseph W. O'Neill are ass't mgrs.; John Othmer is now a supervising attendant guard and Barbara Armond is an attendant guard in public admissions.

Entomology: Toby Schuh ran up against a spot of trouble on a recent So. American bug-collecting jaunt. Seems he stopped to take some pictures and was unceremoniously ambushed by two banditos, complete with knives and revolvers.

They got quite a haul, including cash, camera and passport. Dr. Schuh is grateful to be alive and assures all that, e'en so, the trip was a success - and they talk about New York!....

Cheryl Adams ran in the Mini-Marathon for Women in Central Park in May. A 10,000 meter race with 500 entries, our Ms. Adams came in #182. Pretty good, that.

Library: After nine years at AMNH, Rita Mandl accepted a position with Bowne Time-Sharing, Inc. Recommended for the job by her Katherine Gibbs teacher, Ms. Mandl's case proves a point: don't allow good employees to go to school!... Mildred Bobrovich is chairwoman-elect of the N.Y. Chapter of the Special Libraries Assoc., Technical Sciences Group.... Miriam Tam and Nina Root are local representative and conference planning chairwoman respectively for the Museum, Arts and Humanities Division of the Special Libraries Assoc. They will be planning the division's activities at the 1977 SLA conference in N.Y..... Nina Root presented a paper, "The Future of Research and Industrial Libraries," at a meeting at the N.Y. State Library in Albany.... And, adding another honor to our Library, it has been selected as the recipient of the proceeds from the 1977 Antiquarian Book Fair in the city. The Museum will be provided an exhibit area at the fair to display rare books and distribute Museum information.

Herpetology: Richard Zweifel, assisted by members of his family and James Rozen, son of Jerome Rozen, spent a week in April on St. Catherine's Island continuing a long-term lizard ecology research project, which is being jointly conducted with Charles Cole. Dr. Cole and technician George Foley were on the island in May. And this summer, Dr. Cole will head for a stint at SWRS, joined by sci. asst. Carol Townsend.

Ornithology: The Council on the Aging program has sent us Betulia Sarci, a part-timer working with Ivy Kuspit. Ms. Sarci, originally from Colombia, is now a full-time N.Y.C. resident.... Mae Lackner recently transferred from Fossil and Living Inverts. where, for eleven years, she was a part-time cataloger and lab. asst. Ms. Lackner replaces the retired Marianna Neighbour (who, we are happy to report, has become a volunteer in the dept.) as dept. secty. A native New Yorker, Ms. Lackner is interested in collecting shells on an exchange basis. Her spare time is devoted to wood sculpting and oil painting. Ms. Lackner's apartment is 90 plants full; no wonder

some of them are spilling over into Ornithology.... The Wesley Lanyons were on a recent field trip to St. Catherine's Island.... Lester Short returned from nineteen days in Egypt as an AMNH travel program ornithologist, then went to Kenya to do field work.... Mary LeCroy leaves for Los Roques, Venezuela, in June.

Vertebrate Paleontology: Following the policy of appointing scientific dept. chairpersons on a rotating basis, Bobb Schaeffer will step down



Richard H. Tedford

from that post on July 1 and Richard H. Tedford will assume the position. Dr. Tedford joined the AMNH staff in 1966 as assoc. curator, and became a curator in 1969. Dr. Schaeffer remains on staff as curator.... Retiree Theodore Galusha will work this summer as a volunteer at the Archbold Biological Station in Fla. on a description of Panthera augusta, a large cat. Marion Galusha will retire in Oct. after working for ten years as dept. secty. Prior to that, Mrs. Galusha worked with her husband as a Museum volunteer.... Eugene Gaffney gave a talk in New Orleans on "Grades, Clades and Eu Philosophy." He will go to Australia in Aug. to participate in the Internatl. Geological Congress.... Malcolm McKenna will be on Ellesmere Island in the Antarctic Archipelago looking for fossil indication of a North Atlantic crossing.... Bobb and Betty Schaeffer vacationed in Greece last month. Women's Committee: Nora Cammann reports that so many were so busy with so much preparation for the "Twenty-Four Carat Evening" Museum benefit on May 20 that, between geodes, jewelry, tote bags and umbrellas, no one could be found to give a detailed report. Bravissima to all for a succès fou.

GRAPEVINE

THE AMERICAN MUSEUM OF NATURAL HISTORY

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BETTER ALL THE TIME

The 1974-75 Corporate Drive raised \$272,000 and that was considered successful. In the 1975-76 campaign, however, the drive went over the top. The goal had been set at \$325,000. Under the leadership of Joseph F. Cullman 3rd, chairman of the board of Philip Morris, Inc., \$380,200 was raised. This could not have been accomplished without the interest and active support of the Museum's scientific staff. It was partly through a series of programs that involved the time and talents of many scientific staff members that the funds were raised. Mr. Cullman and his committee readily and gratefully acknowledge this assistance. On July 1, a new corporate drive chairman was appointed. He is William F. May, president and chairman of the board of American Can Co. Both Mr. Cullman and Mr. May are trustees of the Museum.

Born in Chicago in 1915, Mr. May holds a degree in chemical engineering from the Univ. of Rochester, from which he graduated in 1937 as a member of Phi Beta Kappa and the Vectorian Engineering Society. He attended the Advanced Management Program at Harvard in 1949 and has received honorary degrees from Clarkson College of Technology, Oklahoma Christian College, Lafayette College and Livingston Univ.

Mr. May is a member of the board of directors of Bankers Trust Co., Johns-Manville Corp. and the New York Times. He has important chairmanships and directorial responsibilities for a large and varied group of charitable, educational and cultural organizations, including the National Conference of Christians and Jews, Lincoln Center, the Presbyterian Hospital, Keep America Beautiful

and the Univ. of Rochester. He is married to the former Kathleen Thompson. Mr. and Mrs. May have two married daughters and reside in Greenwich, Conn.



William F. May

BASEBALL NEWS

The Headhunters, as of this writing, have won two games, lost two games and been rained out of two. They are in fourth place and trying hard to get to first. There is lots of excitement and real fast ball-playing going on in every game; often, not until the very last out, is the outcome at all certain. Joe Fiore, manager, says spirits are excellent and the team is working well together.

It was around the turn of the century that the Circulating Exhibits division was established as part of the Education Dept. The exhibits (boxed, small animal specimens and dioramas) were lent to schools to instruct children through the use of natural history materials not ordinarily encountered in classrooms, thereby extending AMNH into the community and the city school system. The exhibits were packed in unwieldy, heavy, metal-edged wooden cases with sealed glass fronts, and many had scarcely been altered or brightened since the 1930s. During the '70s, some rejuvenation effort had been made, but the real shift occurred in January, 1975, when a designer from the Field Museum of Natural History in Chicago, David Pressler, came to the Museum to work with other Education staff to create new exhibits and redo the old. This was made possible by grants from the New York State Council on the Arts and the Charles E. Merrill Trust.

One must see the transformation firsthand to appreciate the imaginative thought that has gone into the complete redesign of the exhibition kits. Mr. Pressler has created a bit of magic -- and he does use mirrors -- by utilizing the new materials available today. With polyester foam, polystyrene, Velcro fasteners and other miracle substances, he has fabricated a lightweight, portable, almost indestructible and certainly safe mini-classroom he calls the Exhibit Kit.

This educational module, offered as a public service to schools, is a decidedly "hands-on" project. The idea is to bring out a child's innate ability and curiosity, and to creatively explore in such a way that both student and teacher learn together.

Because the old anthropology exhibits were the most outdated, that subject received immediate attention. The first Exhibit Kit to be completed, one of seven currently in preparation, investigates masks and mask-making in a variety of cultures. Colorful, lightweight, 17" x 27" panels may be hung, stood against chalkboards or window ledges or passed around a class. These photographic panels can even hook together to form kiosks or free-standing arrangements. There are actual masks for trying on, instructions, label information, a poster, a detailed teacher's guide and even a set of inexpensive gauze masks the children may keep.

The Exhibit Kit program is still in the experimental stage. A questionnaire is enclosed with

each exhibit so that the improvements can be made as needed. Plans are already in progress for Exhibit Kits on the following topics: "West African Textiles: Symbols and Stories," "Taino Indians of the Caribbean" and "West African Gold Weights and the Lost Wax Process." There are also ideas brewing to create smaller exhibits to be available for those who cannot come to the Museum and to prepare teachers and children for a Museum visit. To enhance the cooperative relationship, there are suggested possibilities for students to send projects here.



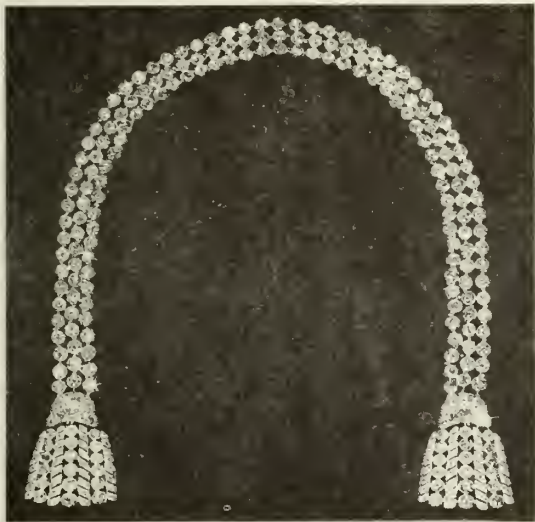
In addition, new life has been put into many of the old exhibits. In the past year, about fifteen people worked on their renovation, including volunteers and graduate students. Last year more than 500 exhibits were lent to some 2500 classes in elementary and intermediate NYC schools. The kits remain on loan to one class for twelve school days and are often passed from class to class, so they can actually remain in one school for a considerable period of time.

Supported by Museum staff, dedicated and energetic David Pressler has set about his mission with an enthusiasm that is catching. He sincerely wishes to spread the word about Museum education programs and really cares about educating young people. The kits are presumably geared toward the five-to-eleven crowd, but we bet they enrapture and educate every age. In fact, GV is willing to go even further and predict that the Exhibit Kit will become a "hot" item in education.

Dr. Brooks F. Ellis, former chairman and curator of the former Department of Micro-paleontology, died July 11 at his home in St. Mary's, West Virginia. He was 73 years old. Dr. Ellis was a graduate of Marietta College and of N.Y.U., where he earned his doctorate. He became an instructor at N.Y.U. in 1930, and remained with that institution for 36 years, retiring in 1966 after having become head of the geology department. He spent four years as adjunct professor of geology at Rutgers and was associated with the Museum from 1941 until 1967. He was

a co-author with Angelina R. Messina of a 69-volume catalogue of foraminifera and a 29-volume catalogue of ostracoda. In 1956 Dr. Ellis was in charge of a four-year seagoing research project undertaken jointly by N.Y.U. and AMNH and sponsored by Abercrombie & Fitch. The 105-foot former yacht Sea Echo served as a floating laboratory for study of the sedimentation in Long Island Sound. One of the questions studied was how sediment changes into oil.

Dr. Ellis leaves his wife, the former Alice Gilman.



...and now even more jewels come to our Morgan Memorial Hall of Gems: the Flaming Star, a diamond that fluoresces with a vivid red glow; the Golden Hope, a large, yellow, cushion-cut diamond, and the one pictured above is the Bicentennial Diamond Necklace, so-called because it was made in 1776. You might want to check these new sparklers out.

WE ARE BOOKED

During the first three weeks in June you may have noticed a trio of Japanese spending time in our halls. They were from Kodansha Ltd., one of Japan's biggest publishing firms. The men took hundreds of color photographs, trying to cover as many aspects of our exhibition areas and activities as possible.

This was being done for a book, one of a 20-volume series, "The Universe Seen Through Museums," that Kodansha will publish in Japanese, English and other languages. The subject of each book is a world-famous museum. Ours is the second volume (The British Museum is the first) and will probably be published in the spring of

1977. Other U.S. museums in the series will be the Smithsonian Institution, the Chicago Museum of Science and Industry and the Cloisters of the Metropolitan Museum of Art. Some of the foreign ones are the Louvre in Paris, the Museo Nacional de Antropologia in Mexico City, the Imperial Museum in Peking and the Deutsches Museum in Munich.

Tsunemasa Saito, editor of Micropaleontology Press, is the scientific consultant for the book and will write the text. Thomas D. Nicholson will write the foreword. When the book is published, it will be sold in our Museum Shop (English translation, no doubt) and the pictures the Japanese photographers took will be placed in the Photography Department files.

AS YOU TRAVEL, LISTEN

There are many ways members of the staff assist AMNH to spread the word about its good works. One that we thought would interest GV readers is the cooperation many have given in taping a radio series for nationwide distribution. The three-minute programs, which were initiated in 1975, received so much enthusiastic support that a second series was taped in 1976, and a third will follow next winter.

How do they work? Dr. Nicholson, as host, opens each program with a question, i.e.: "Should one keep wild animals for pets?," "What's it like to live underwater for two weeks?," "Whatever became of the clothes moth?" and "Can a layperson find fossils?." A fairly spontaneous three-minute conversation between Dr. Nicholson and the guest scientist follows.

The programs are informative and informal, with moments of good-humored interplay. The complete series is sent without charge as a public service to a selected group of approximately 270 AM/FM stations throughout the United States and

Canada. They are aired frequently and the public apparently enjoys them a great deal.

The Administration appreciates the time and thought its scientists put into planning the programs, and Public Affairs would be delighted, thank you, to learn whether any of you hear one of these programs as you travel this summer.

HERE AND THERE

Anthropology: Bettie Erda received an award last month from the Puppeteers of America in part because of her work with last year's "Dance and Drama of the Orient" exhibition, for which she was largely responsible. In a letter expressing appreciation, Mike Oznowicz, president of the organization, wrote: "The exhibition is said to have been unexcelled in scope and grandeur and is certainly a monumental tribute to both the art of puppetry and the expertise of one interested individual."

Building Services: It is with profound shock and regret that we report the deaths of Robert Jones, supervising Museum attendant/guard and Chester Sroczyński, attendant/guard. Mr. Jones, 49, had been with the Museum since 1951; there are many who considered him a good friend. He is survived by his widow, Regina (the sister of Thomas J. Ford, sr. Museum attendant/guard), and three sons, William, Robert Jr. and Thomas. Mr. Sroczyński had been with the Museum since 1961 and was well liked by everyone. He lived in bachelor quarters in Jersey City, N. J....It was incorrectly reported in the May GV that Barbara Armond was promoted to attendant/guard. In fact, she was promoted to supervising Museum attendant/guard. GV regrets the error....John Jones, senior attendant/guard, retired in June after 30 years here. Originally in the Power House, he transferred to Building Services in 1965. His good-natured presence will be missed by fellow employees.

Development: The Museum-sponsored Black Sea and Aegean Sea fifteen-day cruise, says our reporter, was a success. Thomas D. Nicholson and François Vuilleumier were the scientists representing the Museum. One of the highlights of the trip was a Danube delta birding expedition lead by Dr. Vuilleumier. One night during the voyage the Museum gave a reception for the m.t.s. ORPHEUS's 224 passengers. In the receiving line (with the two scientists named above) were David Mitten of Harvard, Virginia Church of the Museum's volunteer staff, and Mrs. Blair

Campbell, who had been chairwoman of the Women's Cte. 25 years ago.

Herpetology: The Charles M. Bogerts were barely back in Santa Fe following an extensive trip to Mexico and Capital Reef National Park, Utah, when they were pleasantly surprised by a visit from Dr. and Mrs. Norman D. Newell, who were traveling through.

Ichthyology: James W. Atz, immediate past pres. of the American Soc. of Ichthyologists and Herpetologists, attended the Society's recent meeting in Alaska where he served as the Stoye Award judge. ...Donn Rosen has just assumed office as pres. of the Society of Systematic Zoologists. Gareth Nelson has completed three years as co-editor of Systematic Zoology....The dept's. pet coelacanth recently returned from the Oceans Festival '76 at the Aquarium where it was under the watchful eye of Harry Jacobson....Drs. Atz, Nelson and Rosen attended the Soc. of Systematic Zoology meetings in New Orleans in early June. Natural History: Editorial assist. Lillian Berger has done it again -- become a grandmother. The first grandchild, Ian Joshua, will be six in Oct. and is the son of Barry and Judy Berger. The latest addition, Jamie Paul, was born on June 7 to daughter Rodley Polon, a fashion merchandiser and coordinator. Father Ronald is connected with RKO Theatres. Young Jamie has yet to indicate any special career interest; he just sleeps, eats and pleases his grandmother.

Ornithology: François Vuilleumier, recently returned from the AMNH-sponsored Black Sea cruise, is now in Iran-Kashmir doing fieldwork....John Bull will lead an ornithology seminar in Trinidad and Ruth Chapin will spend her vacation there at the same seminar....A "brown bag lunch" was held in June to honor the retirement of Dean Amadon, now on terminal leave. Dr. Amadon plans to return to the Museum after a few weeks to continue his research. ...Lester L. Short will teach a course in ornithology at Cornell Univ. in Ithaca....Mary LeCroy is combining a vacation and fieldwork in Venezuela. She will return the end of July.

Library: Janina Gertner, after eight years in Circulation, is now secretary to Nina Root....Ms. Root, Carolyn Komer, Miriam Tam and Toby Brown attended the Special Library Assn. Conference in Denver in June....Ms. Komer and Ms. Brown were elected to the Exec. Cte. of the Guild Bookworkers, a branch of the American Inst. of Graphic Arts. They will act as co-chairpersons for the Exhibition Cte.

GRAPEME

THE AMERICAN MUSEUM OF NATURAL HISTORY

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STRICTLY VERTICAL

Seventeen men and women run the AMNH elevators, six regular operators and eleven alternates. We spent quite a few days being uplifted by their conversations, primarily because there was little downgrading of their jobs. Most found the work interesting and, sometimes, most amusing. Unpleasant moments do occur, of course, but the benign philosophy of these attendant guards is, "It's a better job than most. If you keep cool, people generally respond well."

Using alphabetic impartiality, we'll introduce you to them, beginning with LeRoy Addison, regular Power House elevator operator. Cherubic Mr. Addison is slowly covering the elevator's back bulletin board with cartoons he gathers from magazines, giving the characters the identities of his Exhibition Dept. passengers. "The game is appreciated," he declares, adding, "They are a great group and we get on just fine. I do like this job." A bachelor, Mr. Addison admits he is partial to "the beautiful ladies," as well as tennis, music and the fights.

Ramona Carrion, a regular on the Roosevelt elevators, has been on the job eight years and in that time has garnered a glorious supply of stories, i.e.: once a Spanish-American and a Mexican were discussing artifacts on display. After a while, shyly and in very broken English, one of the women asked where they could find Pancho Villa's head. Our Ms. Carrion came back fast (in excellent Spanish, of course!), "Oh, we sent that back to Mexico years ago!" But then, she helpfully explained that AMNH didn't exactly go in for that kind of "artifact." Ms. Carrion received a \$25

merit award from AMNH in 1969, a custom from palmier Museum days.

Alternates William Delfino and Deloss Dougall both enjoy the change of pace provided by part-time elevator work. Mr. Delfino, a Brooklyn man, goes in seriously for acting and currently is a student at the Herbert Berghoff studios. Mr. Dougall finds his work "really thrilling, especially because people fascinate me, and we certainly get all kinds on the elevators." A Jamaican, Mr. Dougall plays soccer and likes to fish.

Joseph Fiore presides with great aplomb over the school service elevator (when not managing the Headhunters). A bachelor who resides in the Bronx, Mr. Fiore can cope with the difficulties of his job because "I made up my mind not to let people bother me. When young passengers grow too troublesome, I just march them to the office. I've got to be here eight hours, so I make the best of it. Believe me, it beats washing glass." Mr. Fiore smiles a lot, which is nice when one is rushing in to work.

Alternate Walter Fuller and his bookkeeper wife, Barbara, live in Queens with their 18-month-old son. A fisherman who hails from Houston, Mr. Fuller says Museum people are "really great to work with, but I think I prefer floor work to the elevators."

Leroy Jenkins, alternate, likes doing wire abstracts and is a tennis beginner. He likes his work, especially socializing with passengers, and gets a special charge out of giving directions and helping them learn about the Museum.

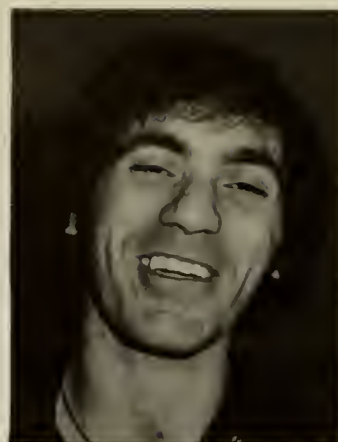
Anna Lawrence relieves on the school service el-



LeRoy Addison



Ramona Carrion



William Delfino



Deloss Dougall



Joseph Fiore



Walter Fuller



Leroy Jenkins



Anna Lawrence



Rafael Olaguibel



Howard Paige



Annie Perry



Frank Rowe



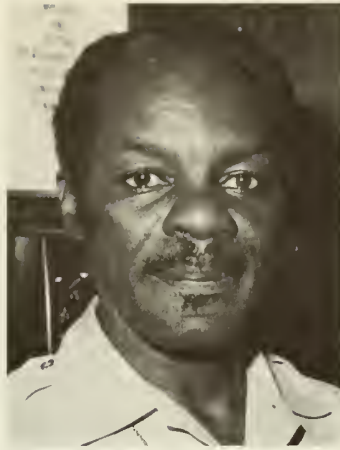
Philip Salmeri



Richard Singletary



George Slaughter



James Webb



Clifton Crews

evator on Wednesdays. She made a special point one day of stopping into our offices to ask that we say for her that "in all my 52 years of working, this place is the very, absolute best."

Rafael Olaguibel, another alternate who prefers his floor work, is a Bronx resident who likes movies and baseball games. Alternate Howard Paige studied karate at one time; fortunately, he has not had to use that skill with AMNH weekend crowds, but he admits there are times when folks grow difficult.

"If you ride cool with them they behave, however," he states with assurance.

Roosevelt relief operator Annie Perry is a great AMNH booster who enjoys patrolling the halls and loves sports. Ms. Perry is not a talker, but there is no doubt her job suits her.

Frank Rowe is another alternate on the school service elevator. He lives with his wife, Joyce, a social worker, in Queens. A busy man on off-hours, Mr. Rowe paints landscapes, does wood-work and cabinet-making and enjoys dancing.

Philip Salmeri is in a class by himself because when he is not working, neither is the freight elevator in section 9. "I carry everything from soup to nuts," he explains, and then specifies the s & n's: "cement, lumber, cleaning equipment, people and all manner of specimens, large and small."

At home in Queens he gardens, fishes, makes wine and does all the work on his house. "From the very first day I came here six years ago, I've enjoyed it."

Richard Singletary, a regular on the Roosevelt elevators, has been charming passengers for seven years. A genuine people-liker, he feels there is never a dull moment. Mr. Singletary is a firm believer in discipline given with quiet authority. "I try to stay calm and keep my cool. On the job you owe that to the Museum."

Everyone knows and likes big George Slaughter with the golden earring and the broad smile. Mr. Slaughter, generally called "Tank," is a regular operator on the Roosevelt elevators.

James Webb, father of five, also prefers floor duty but accepts elevator work with equanimity. Jamaican Webb plays English cricket and dances the rumba, quadrille and his native round dances at parties. He enjoys the locker-room domino games, too.

Clifton Crews, an alternate, was the only one we missed interviewing, but his photo is included above with those of his fellow workers. Take a good look so next time you'll know them all by name. They're a great bunch. Say hello.

AND - SPEAKING OF ELEVATORS...

The new 77th Street ones are finally in working order, but bear in mind the following: in order to get off at the fifth floor or the basement you need a 1209 key. The way it works? You take your key, insert it in the lock under the panel, give it a quarter turn to the right and press the floor you wish.

EXCERPTS FROM A LETTER

"I am writing...since I want to express my thanks to...Gil. I don't know his last name." After a bit of tracking, we discovered it was Gil Willis, a CUNY-Uptown student who is working in Mammalogy. It seems Mr. Willis was especially thoughtful and helpful to Joan McKechnie and her 3 1/2-year-old daughter Suzanne after they had been involved in an accident. Ms. McKechnie writes that she "was seriously shaken, and were it not for a young man who talked rationally and kindly to me...I would have lost control and frightened my daughter. He moved us away from

the scene of the accident...If you print this letter, please convey my heartfelt thanks to Gil for caring about all living things."

Again, another AMNH'er has proved what basically decent chaps we all are.

EVERYBODY WASN'T ON A FIELD TRIP, OR, WEST SIDE DAY COMING UP

There was lots going on, although quietly, in the Museum this summer. From mid-June through July, Theresa Moore, African-American Studies ass't. in Education, again presided at (under?) "The Baobab Tree," a program of African story-telling, songs and games. Three times a week fascinated children sat entranced while Ms. Moore introduced them to the fantasies of African legends. For a week in mid-July, instructor Phyllis Mandel conducted a basketry workshop



that "brought excellent results. Some were really gorgeous!"

Meanwhile, preparations have been going full steam ahead for the seventh annual West Side Day, set for Saturday, Oct. 2. Penny Jones, a puppeteer of "Puppets: Dance and Drama of the Orient," fame, is directing a corps of handy volunteers in the creation of a free-form model of AMNH which will be on display in Roosevelt Mem. Hall until the Corporate Drive reception on October 6. A small mock-up is pictured below.



In the Hall of Ocean Life there will be, among other entertainments, games of ocean life-bingo. Donna Lorenz, daughter of electrician Joseph Lorenx, worked as a volunteer this summer and is seen pictured below helping to make figures for the game.



Then there are the fossil fish rubbings! Wendy Davidson, a graduate art student from Hunter who specializes in painting, is in charge of this WSD workshop. Ms. Davidson experimented with different papers, crayons and water colors in her attempts to find a successful method for making rubbings. After months of trial and error, she came up with the perfect tool, a wax-based pencil. "Fossil fish rubbings are unlike other types," she explains, "because the bones are so fine and set almost flush with the matrix. One must be careful to use discriminating strokes in order to pick only the bones and not include the matrix." For West Side Day, the rubbings are not lifted from actual specimens, of course, but from casts that Ms. Davidson made. Approximately ten volunteers will be on hand to help visitors make their own rubbings of the 170 million-year old fish. This activity will take place near the back of the Hall of Early Dinosaurs, where the fossil fishes are on display.

That'll do for starters. We all know what a conglomerate blast WSD can be!

RICHARD ARCHBOLD

Richard Archbold, 69, president of Archbold Expeditions, resident director of the Archbold Biological Station and research associate in Mammalogy, died on August 1 at the Station, where he had lived since 1941. A noted explorer and aviator, Mr. Archbold was a patron of the Museum and an active, full-time natural scientist who pursued a wide-ranging program of research and field study in mammal classification and ecology, with special emphasis on the central Florida and the southern Pacific areas.

Affiliated with the Museum since 1931, Mr. Archbold founded Archbold Expeditions, and carried out a series of explorations of Papua New Guinea and other Indo-Australian areas. Mr. Archbold,

the author of many scientific publications, was a member of many learned societies, including the N.Y. Academy of Sciences, the Amer. Institute of Aeronautics and Astronautics, the Amer. Soc. of Mammalogists, the Amer. Soc. of Naturalists, the Amer. Ornithologists' Union, the Ecological Soc. of Amer. and the Explorers Club.

Services were held at the Station with Robert G. Goelet, Jerome G. Rozen, Dean Amadon and Richard Van Gelder attending as AMNH representatives. Mr. Archbold is survived by his sister, Mrs. Frances Archbold Hufty. A graduate student scholarship fund has been established at the Station to commemorate Mr. Archbold's deep and long-standing interest in the training of young biologists.

IRA H. KNASTER

One-time actor, film producer, writer, p.r. man and a good friend to many here, Ira Knaster died in Mexico City on August 26. Mr. Knaster, media activities coordinator in the Public Affairs Office, had been with the Museum since 1970.

In the late 1930s and through the mid-50s Mr. Knaster was an actor and writer with the Federal Theatre projects, the early Max Liebman produc-

tions, the United Defense Fund and the U.S.O. He traveled extensively throughout Europe for his U.S.O. film-making and did freelance writing for magazines, radio and television. As a result of these varied activities, Mr. Knaster worked closely with many outstanding figures of the film, television and theater worlds.

He is survived by his wife, the former Violet Cashwan, and two children, Vicki and Jeremy Knaster.



THE HEADHUNTERS (or some of them, anyway) as they appeared prior to their last game of the season, which, alas, they lost. Bottom row, l. to r.: Frank Chimenti, painter & unofficial cheerleader; Anthony Polo, electrician; Randy Saad, Animal Behavior graduate student who played without the mask; Leslie Stone, official sign-maker and carrier. Top row, l. to r.: Romano Bertuletti, painter; Irving Almodovar, sr. clrk., Gen. Services; Carl Hilgers, sheetmetal worker; Joseph Donato, electrician; Bill Graham, ass't. to mgr. of Construction & Maint.; Klaus Wolters, foreman-painter; Douglas Bradley and Bruce Fenninger, special projects.

HERE AND THERE

Astronomy: During Sept. & Oct., while recovering from a broken leg, Phoebe Pierce will be staying with her sister. Undoubtedly she would enjoy hearing from Museum friends. The address is c/o Mrs. John Wright, P.O. Box 229, Madison, Ct.,

06443.

Anthropology: Thomas Amorosi, an anthropology student at Hunter, is working as a restorer and conservator of some of the artifacts to be displayed in the new Hall of the Peoples of Asia. He has been

extremely successful, especially with his work on the Japanese country house model. Joseph Nocera and Bill Ostrove work with him on this project.... Temporarily back from retirement is Matthew Kalmanoff, who has the "very exciting assignment of painting backgrounds for eight ancient civilizations that will be represented in the hall."

Archbold Biological Station: James Layne was the recipient of the first C. Hart Merriam Award from the American Society of Mammalogists at their annual meeting in June.... Fred Lohrer was appointed editor of the Florida Field Naturalist, published by the Florida Ornithological Society.

Building Services: Albin Markowski, sr. attendant guard, retired in July; he was with the Museum for 23 years. During that time he was a leader of Local 1306 and at his retirement served as its treasurer.

Deputy Director/Research: Phyllis Browne, former secy. to Jerome Rozen, is now exec. secy. for president Robert G. Goslet.... Barbara Turen Belfer, a native New Jersey who returned to the U.S. eight months ago after spending three years in London getting an M.A. degree in communications, is now serving as Dr. Rozen's assistant.

Electrical Shop: Joseph Donato and wife Jennifer have a new baby boy, Joseph Jr., born July 30.

Fossil and Living Invertebrates: William Emerson and Morris Jacobson are co-authors of a new book, "The American Museum of Natural History GUIDE TO SHELLS: Land, Freshwater and Marine, from Nova Scotia to Florida." This is the first single-volume, all-inclusive shell guide to be published, and is, of course, on sale in the Museum Shop.

Herpetology: Richard Zweifel and José Rosado returned in mid-August from a week on St. Catherine's Island, Ga. Their data files are decidedly thicker, but they are considerably thinner, due to a steady confrontation with ticks and chiggers -- which are, natch, now much fatter.

Library: Brian Gismot, the new sr. clerk in Circulation who replaces Janina Gertner, formerly worked for Downstate Medical Center library.... The above Ms. Gertner, now secy. to Nina Root, visited her family in Poland and brings back happy reports.... Fred North went off to Puerto Rico, as usual, while Nina Root spent time introducing her niece to San Francisco. Ms. Root has been asked to serve as liaison between the American Library Association's Information Science and Automation Division and the Freedom to Read Foundation. She is also

chairing the METRO Task Force on Volunteers. Miriam Pineo, Volunteer Office, has been acting as a consultant to this Task Force.... New and familiar student assistants appeared for summer work. Barry Koffler (regular part-timer) supervised part-timers Stephen Parker and Bob Ollie, Urban Corps intern Victor Villacres and volunteer Nancy Marks in the preparation of the Library catalog for publication. Evelyn Martinez, a returnee part-timer, helped in the Librarian's office. Urban Corps intern Augustin Henriquez returned to the serials unit and part-timer Joshua Wanderer, with volunteer James Farber, worked in Readers' Services.... Carolyn Komer and Toby Brown were invited to demonstrate their restoration know-how at a regional workshop at Hamilton College in Utica.

Mammalogy: In August, the board of directors elected Frances Archbold Hufty president and Page Hufty secretary-treasurer of Archbold Expeditions.

Micropaleontology Press: Breezy Sandra Badellino, secy., has departed to work in the accounting dept. at St. Vincent's Hospital. "Good luck, Sandy," say all her saddened colleagues.

Mineral Sciences: Edith Marks, for many years a secretary to chairman of Mineralogy, Brian Mason, died last August.

Ornithology: Former curatorial asst. John Marony dropped by for a visit, only to find most of his friends were off to Haverford College to attend the American Ornithologists' Union meeting. These included: Dean Amadon, Eugene Eisenmann, Wesley Lanyon, Mary LeCroy, Diane Riskin, Lester Short and Francois Vuilleumier.... On a Chapman fellowship is Julian Ford, recently arrived from Australia for a six-month study of speciation in Australian birds.... Stuart Keith was in Norway for three weeks, Roger Pasquier in Maine for two... James Greenway's father died last month, just short of what would have been his 100th birthday.

President's Office: Susan Selden, exec. secy., has left AMNH to devote full time to her "Muddy Fingers" pottery studio just around the corner on 76th Street off Columbus Ave.

By way of interest: Richard Burton and Linda Blair were in the Museum last month, being filmed by Warner Brothers for the forthcoming movie, "The Heretic," a sequel to "The Exorcist."

Grapevine



American
Museum of
Natural
History

VOL. XXXIII, No. 7

October-November, 1976



CAMPAIGN TACTICS

In case you hadn't noticed (for example, see above!), the Museum's logo and public signs are in the process of changing. It is all part of a campaign launched by the Dept. of Exhibition and Graphics to improve our image, stylistically speaking.

George Gardner, Joseph Sedacca and the Graphics staff are using their talents to brighten things around here, aiming to attain a recognizable typographic style on all Museum communications materials such as signs, letterheads, memos and news releases.

Directional and information signs are being redesigned, the floor plan for visitors is being simplified, and soon two new identification kiosks will be installed in front of the Central Park West entrance. The design for the kiosks has received approval from the NYC Landmark Commission.

We hope you like the new Grapevine logo. It will be around for a while.

CHANGES OLD AND NEW

C. Bruce Hunter, who was named asst. chairman in the Dept. of Education last May, says the promotion now adds administrative duties to those of the past.

Originally from Nova Scotia, Mr. Hunter began his AMNH career 24 years ago as an instructor of oriental ethnology. It wasn't long, however, before he became totally immersed in the study of pre-Columbian Middle American cultures. His book, "Guide to the Mayan Ruins," published by Oklahoma Press, is now in its third edition. The same publisher will soon issue his new book, "Guide to Ancient Ruins of Mexico," which covers the territory north of the Maya region.

Although we properly should have been discussing his Museum duties (supervisor of field study groups, the college courses, evening classes and project development), we found ourselves delving into the fascinating aspects of Mr. Hunter's rugged, popular trips into the exotica of Mezo-America. The ebullient Mr. Hunter described magnificent pre-Columbian sculpture in Peru that Henry Moore might have fashioned, exquisite works of art the average tourist never sees. He told of deep funeral chambers in Tieredentro, Colombia; canoe trips up Passion River, Guatemala; horseback journeys into hill country in So. America.

Another recently-promoted Education Dept. staffer is Marjorie Ransom, who was named Coordinator of School Programs in May. Ms. Ransom has been at AMNH for 30 years; there is little about the Museum she does not know. She is greatly appreciated for her effective, knowledgeable ways with children and adults alike. Ms. Ransom waves her hand in self-deprecation when one tries to seek information about her responsibilities and years of work here. We gathered enough to learn that all school programs are under her tutelage and that she is a busy woman with fingers in many pies.

Which statement leads us, therefore, to the many pies of Miriam Pineo. Ms. Pineo now is Volunteer Coordinator in the Dept. of Development and Public Affairs; her office remains on the first floor, off the Hall of Mammals of North America.

After raising a family, Ms. Pineo came to AMNH in 1964 as a volunteer and part-timer, working at the one small information desk then in existence. In 1968, she began to work full-time, and since then, things have certainly changed, "volunteerly" speaking! Last year, Museum volunteers accrued a total of 82,538 hours, "which is one gigantic contribution," as Ms. Pineo succinctly states it.

A WHALE OF A TALE

Despite the combined efforts of the U.S. Coast Guard, the National Marine Fisheries Service, marine biologist Ray Diter of the New York Zoological Society, the New York Aquarium, the Massapequa Elks Club and a Suffolk County police officer, a confused and ailing grampus whale died after a twelve-hour struggle to keep it alive -- and subsequently it was brought to Osteology.



The whale, first sighted off Fire Island on the night of Oct. 2, was towed out to sea several times by the Coast Guard only to repeatedly return to beach itself. Dr. Diter was then called to help. He speculates that the whale may have been caught in fishing nets and buoys set free by Hurricane Belle and was so weak and badly injured by the time it extricated itself it preferred to die quickly on the beach rather than over a prolonged period at sea. Dr. Diter emphasizes the speculative nature of his comment. Mammalogy chairman Sydney Anderson had heard that the whale possibly died of pneumonia. The white markings

on the whale (which some thought might be injuries) are typical of a grampus, according to Dr. Anderson. There were evidences of bruises or bites of some kind and the whale was obviously undernourished, but the actual reason for its strange behavior goes unexplained.

In any event, the animal was taken to the Bronx Zoo for further study and then picked up on Oct. 5 by William Coull and Steven Medina of the Osteo. lab. The carcass is now being stripped of flesh in preparation for preserving the skeleton for our Museum collection.

The story, complete with a picture of the Mssrs. Coull and Medina (seen in column at left), was written up in the Oct. 6 edition of Newsday.

STAFF WIVES MEET

The Bronx Zoo hospitably and handsomely entertained AMNH staff wives on Oct. 14 at a luncheon meeting, their first of the season. Muriel Bell, wife of Joseph Bell, curator of ornithology at the Zoo, made the arrangements, and she and the wives of the Zoo's director and other curators served as hostesses. Among the 35 AMNHers present were four presidents' wives: Mrs. F. Trubee Davison, Mrs. Alexander M. White, Mrs. Gardner D. Stout and Mrs. Robert G. Goelet.

A tractor train met the guests at the parking lot, and Zoo director William Conway escorted the group on a guided tour of the grounds and the Aquatic Bird House. A hot buffet lunch was served in the staff dining room overlooking one of the bird exhibits. This surprise fare made it happily unnecessary to delve into purses to retrieve the cold sandwiches each had stashed away.

After a leisurely lunch, the group reboarded the train and headed for the Lila Acheson Wallace World of Birds exhibition. This is, all agreed, one of the finest and most exciting living bird exhibits in the world. For this tour, Dr. Bell acted as guide. All in all, quite a day, and even the weather cooperated!

A DIFFERENCE OF 940

Although he is more frequently occupied as a research associate in Ornithology, Stuart Keith has recently been acclaimed the world's champion birdwatcher, with a total of 5340 species of birds to his credit. His closest competitor, Peter Alden, has seen 4400.

Since the Guinness World Records Exhibit Hall in the Empire State Building likes to have the "est" of everything, Mr. Keith's status, his picture and his

Museum affiliation are all duly noted in the ornithology area of the Hall, where also may be seen the "ests" (big, small, fast, heavy, etc.) of birds.



As a young man in Hertfordshire, England, Stuart Keith never imagined he would be enshrined in an ornithology section of anything. His M.A. degree from Oxford is in the ancient classics. He came to Ornithology at AMNH by a circuitous route, but come he did in 1958, as a volunteer, joining as a staff member in 1964.

Mr. Keith described his hobby of observing as many bird species as possible as a delightful game that fellow birders (the term "birdwatcher" is looked upon unkindly) enjoy in friendly competition, and it is only rarely that they come upon a faker. The honor system works for birders.

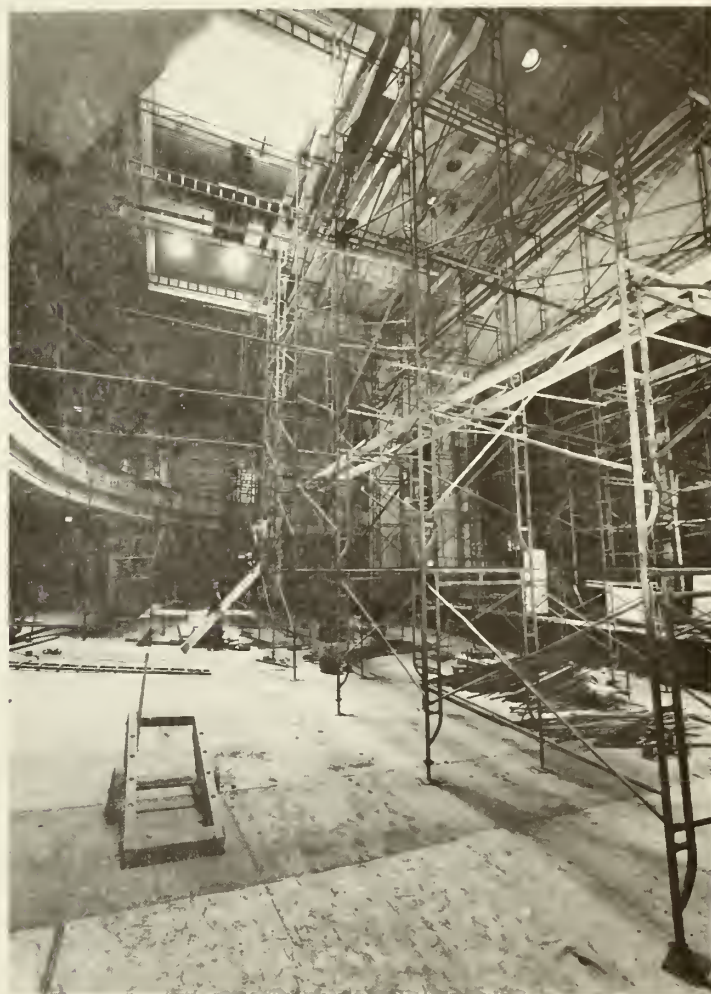
Britain and the U.S. are the major countries with dedicated groups of birders. There are 2500 members of the American Birding Assoc., of which Mr. Keith was a former president for six years, and they constantly keep in touch with one another. "We do not consider ourselves a scientific body at all, although there are many ornithologists in the group. It is just pure fun," he tells us.

Mr. Keith's specialty is African birds, about which he has written articles and pamphlets. Soon he will take off for Madagascar for further research. English teacher Sally Pearson Keith is also a birder, but will not be joining her husband; she is working too hard on her doctoral thesis.

FOR THE SUN'S BENEFIT

Nothing less than a magnificent temple of Apollo will do for the Planetarium Council's gala benefit preview of the Hall of the Sun on Tues., Nov. 16, from 9 p.m. to 2 a.m. Apollo, the god of the sun according to ancient Greek mythology, will not be present for the event, but it is expected that almost everyone else will be. In addition to the

physical transformation of the Planetarium, there will be divertissements, refreshments and dancing. Tickets are \$35 per person, \$60 per couple. To AMNHers, however, the cost is \$17.50 per person. Chairwoman Jeannette McElvenny may be reached at exts. 511 or 363 for further information and/or tickets.



Can you find the three men from the Sheet Metal Shop here snapped in action on the scaffolding? Great! But GV is giving out no prizes for winning entries! The scene shows the Auditorium undergoing its own "Avery Fisher." Doesn't it have a feel of AMNH circa 1930? By the time work is completed, however, (expected date, Feb. 1977) the Auditorium will be decidedly circa 1980.

AMNH VOLUNTEER HONORED BY CITY

For five years, F. Walker Johnson has served as a scientific research volunteer in the Dept. of Vertebrate Paleontology, working with Morris Skinner on the geology of an 180-mile area in northern Nebraska.

Because of this work, Mr. Johnson received in Sept. a Voluntary Service Award from the Office

of the Mayor of New York. Miriam Pineo, AMNH Volunteer Coordinator, made the nomination.

A resident of Connecticut, Mr. Johnson came to the Museum upon his retirement as a geologist with Esso Eastern, resuming an association with his former schoolmate, Mr. Skinner, which began in their student days at the Univ. of Nebraska. "The importance of Mr. Johnson's contribution to the Museum and to science," wrote Ms. Pineo in her nomination, "is that for five years he has been quietly and assiduously working to unravel the history of the earth and life upon it." "Fossils are facts," Mr. Johnson says. "I am fitting these facts back into the pages of time, the physical evidence of these pages being the rock layers in which the fossils are found."

Ms. Pineo further states that "It is concern for knowledge about the earth's history which motivates Mr. Johnson, rather than honors or titles." But he received a deserved honor, anyway.

Thank you, F. Walker Johnson of Greenwich (pictured at right). AMNH honors you, too.



JAMES PERRY WILSON

James Perry Wilson, who died last August at the age of 86, is responsible for the artwork of many of AMNH dioramas as well as those in other museums, including the Peabody in New Haven, the White Memorial in Litchfield, Conn., the Boston Science and the Toronto. Born in New Jersey, Mr. Wilson moved to New Haven after his retirement from AMNH; he was a resident of Pelham Manor, N.Y., at the time of his death.

Many Exhibition Dept. members consider Mr. Wilson the leading diorama painter of all time. He was responsible for such beautiful background groups here as the jaguar, grizzly bear, coyote,

buffalo and elk. A fine example of his insistence upon absolute accuracy is evident in the wolf-group background, where he created a night sky exactly as it should appear if one were looking north at a particular time and date when the wolves are roaming. Mr. Wilson, something of a Renaissance man whose vast interests included astronomy, also served for a while as Sky Reporter for Natural History.

Mr. Wilson's portrait, along with those of other AMNHers, may be found in the background of the maple-sugaring group in the No. American Forest Hall, painted there by another fine former Museum artist, Robert Kane.



← SOME OF US WORKED,
SOME OF US WATCHED
ON WEST SIDE DAY →

Mary LeCroy, Ornithology,
shining behind some plumage



Christopher Smith, Men's Cte., indicates the art of geode cracking



James Gross, Education, making a paperbag mask

MORE
WEST SIDE
DAY



Talbert Spence, Education, enjoying his work



Gerry Thurman, Fossil & Living Inverts., fascinating his audience



Charles Cole, Herpetology, fascinated by the show as much as the visitors



Mr. & Mrs. Robert G. Goelet getting mammalogy pointers from Jean Augustin, Mammalogy

HERE AND THERE

Accounting: There were several interesting get-away vacations last summer: Gertrude Neger went to San Francisco and La\$ Vega\$, Audrey Yuille to Georgia and La\$ V., but Mary McKenna probably saved \$ by tripping through Canada for two weeks in Sept.

Anthropology: Gatecliff Shelter, Nev., 35 feet deep and 9000 years old, has been the site of a four-summer Museum expedition that included a corps of 175 students and volunteers. David Thomas has conducted the excavation at the shelter for six years, and reports that the work is now completed. The shelter is now featured in a new book published by National Geographic.

Astronomy: Phoebe Pierce wrote to ask that we thank all the friends who sent her cards. "Though I must stay off my leg a while longer, I feel I could walk on air because of the many kind wishes and the encouragement I received. Thanks to all."

Building Services: Former fellow employee John Jones, senior attendant guard, died Sept. 23. Mr. Jones, who retired in June after sixteen years at the Museum, is survived by his wife and two children. Mr. Jones, an enthusiastic golfer, was well-liked by everyone and appreciated for his great golfing stories.

Development and Public Affairs: Ann Breen was married on Sept. 11 to John H. Metcalfe, assistant to the editor of the N.Y. Daily News.

Entomology: Ignacio Fajardo transferred from the Junior Museum Shop to the dept. as a curatorial ass't., working with Lepidoptera....Eric Quinter married Vert. Paleo's Janice Ebenstein in August.

Fossil and Living Inverts.: After pursuing the Permian/Triassic boundary in five Rocky Mountain states in July, Norman and Gillian Newell departed for Australia in mid-August to attend the 25th International Geological Cong. in Sydney. While there, they briefly crossed paths in the Natural History Museum with an excited Eugene Gaffney, who had just come upon a superb fossil turtle. Moments later, they became excited upon discovering AMNH's Stegosaurus replica beautifully displayed. After the congress, they journeyed for three days by train to spend a fascinating week at an isolated outback sheep station where they checked conflicting reports of tropical elements in the Permian fauna. Since evidence of only cold-climate conditions could be found, it was concluded

that Australia had not at that time begun its northward drift.

Herpetology: The dept. regrets the resignation of curatorial ass't. David Aleman, who is leaving to attend CUNY full-time....Edward Teller spent a week last August in Maine, where he made a field trip to Mt. Mica with David Seaman, a former sci. ass't. in Mineral Sciences and now a Maine resident. They collected aquamarines.

Ichthyology: Richard Vari, new Ph.D. degree firmly in hand, leaves us to study a collection of Bolivian fishes at the Univ. of Michigan. In January he will take an extended trip to the British Museum. The dept. wishes him well and hopes he will find a reason to return frequently.... Lynne Hirsch has resigned in order to enjoy fully the youngest Hirsch, Efram. "Good luck, Lynne, with your new full-time job," say all.

Library: Carolyn Komer was asked to display her paper restorations, leather bindings and hand-made marbled paper at the American Institute of Graphic Arts headquarters. The exhibit was on display in October..... The MLA New York Regional Group Continuing Education program held a meeting in the Library on Sept. 28. The subject discussed was Library Graphics and Exhibits, with Joseph Sedacca of Graphics as key speaker.

Ornithology: Felix Caraballo, curatorial ass't., resigned in order to attend school in Puerto Rico. He will be missed....Wesley and Vernia Lanyon went camping in the Adirondacks for two weeks to enjoy the cool, crisp air....Lester Short is in Nairobi, Kenya, and then will be in Mauritius for two months. While away, he will attend the Pan-African Ornithological Cong. in the Seychelles Islands.

President's Office: On Sept. 9, Robert G. Goelet was married on Gardiner's Island to Alexandra Gardiner Creel, daughter of Mr. and Mrs. J. Randall Creel of Mill Neck, L.I. Mrs. Goelet and her brother, Robert D. L. Gardiner, are life beneficiaries of the island under a trust set up by their late aunt, Sarah Diodati Gardiner. The bride received her M.A. degree from the Yale School of Forestry and Environmental Studies in May.

Incidental note: The Cafeteria, in its attempt to brighten our daily lives, has special days it sets aside for special lunchtime feasting. Coming up: Mon., Nov. 15, a Thanksgiving menu; Tues., Dec. 21, a special Christmas menu.

ALL EMPLOYEES AND VOLUNTEERS ARE INVITED TO THE CHRISTMAS TREE LIGHTING CEREMONY ON MON., NOV. 22 AT 3 P.M.





MARGARET MEAD FUND FOR THE ADVANCEMENT OF ANTHROPOLOGY ESTABLISHED

To honor Margaret Mead, curator emeritus in the Department of Anthropology, the Museum has established a Margaret Mead Fund for the Advancement of Anthropology.

The creation of the fund was announced on Dec. 16, Dr. Mead's 75th birthday and also the 50th anniversary of her association with the Museum.

The goal of the fund is \$5,000,000, which will be raised from a combination of private, corporate and foundation sources. Museum members will also be asked to contribute to the fund.

The fund has been slated for three major purposes: the establishment of a Margaret Mead Chair in the Anthropology Department; the relocation of the entire Hall of Peoples of the Pacific to a more accessible area of the Museum, and the provision of new and better storage facilities for the Anthro-

pology Department's priceless collections.

To announce the establishment of the important new fund, the Museum held a well-attended press conference in the Hall of Peoples of the Pacific on the morning of Dec. 15. Dr. Mead later took members of the press behind the scenes for a visit to her office on the fifth floor.

On the evening of her birthday, Dec. 16, the Museum gave Dr. Mead a birthday reception in the hall, complete with a large cake. The festive event drew over 200 guests, who included friends and colleagues of Dr. Mead as well as supporters of the Museum. There was also television coverage by WCBS and WNBC.

On behalf of all of her friends and colleagues here at the Museum, GV congratulates Dr. Mead on the establishment of the new fund in her honor.



Dr. Mead cuts her birthday cake at the Dec. 16 reception in her honor, with the obvious approval of Museum President Robert G. Goelet.

AUDITORIUM GETS NEW LOOK

In early February, the Auditorium will emerge from beneath scaffolding, sawhorses, dropcloths and electric cables, transformed into an elegant fin-de-siècle theater complete with all modern amenities. Thanks to a grant from the L.A.W. Fund, Inc., Lila Acheson Wallace, president and treasurer, the Auditorium has been completely air-conditioned and redecorated. The basic color scheme is in varying shades of blue and white.

Seating has been improved, with the elimination of the hazardous steps and the center aisle, and with more leg room per row. The stage platform has been enlarged, and new stage flooring installed. Improved lighting and sound systems have also been installed, as well as new dressing rooms and washroom facilities. Almost everything has a fresh coat of paint.

The area in front of the main entrance has been turned into a lobby, featuring new doors, a ticket window, and lighted poster cases; the balcony floor also has new doors.

The Education Department's evening lecture series for adults and a Feb. 13 lecture by Margaret Mead will be among the first events scheduled for the new Auditorium. If you can't make any of these, you can schedule your own personal look any time after Feb. 1.

DISCOVERY ROOM OPENS

In case anyone hasn't already noticed, there is a distinct new trend at this Museum and others to encourage visitors to learn through doing. The Education Department's new Discovery Room fits this trend to a "T." A snug area just off the Hall of the Biology of Invertebrates, it features numerous "discovery kits" which require young visitors--aged 6 to 12--to explore the worlds of natural science and anthropology through the five senses.

"Feel and Guess," for example, asks children to reach into several boxes and guess what's inside (items such as pine cones and shells). Another imaginative kit, called "Touch a Sound," lets youngsters compare the touch and appearance of various cereal grains with the sounds they make when shaken up in a jar. "Skull" is just that: a human skull that can be felt--and contrasted with one's own skeletal features through the aid of a mirror.

The Discovery Room is open on weekends only, from noon to 4:30 p.m. All children must be accompanied by an adult, and each family group must get their tickets on the day of attendance at

the first floor Information Desk. The tickets are distributed on a first-come, first served basis. The room holds 25 people at a time, who are permitted to stay for up to 35 minutes.

Justine Vonello of West Long Beach, N.J., explores her first human skull in the Discovery Room.



WEST SIDE ASSISTS SENIOR CITIZENS

As a West Side good neighbor, AMNH has been asked to inform its employees about a program designed to aid senior citizens who are the victims, or potential victims, of crime. The Senior Citizens' Crime Prevention Program, located at 155 West 72nd Street, provides counseling and assistance to the elderly in dealing with crime-related problems. This center also provides training in techniques for avoiding crime victimization and protecting one's person and property. All of us are asked to refer senior citizens who may be in need of such assistance to the Center; their telephone number is 874-0724. The office is open Mondays through Fridays from 9 to 5.

GALA BENEFIT OPENS HALL OF THE SUN



Former Congresswoman Bella Abzug loaned her white hat to her unidentified, but definitely Valentino-style, dancing partner. Other celebrities attending the gala were Celeste Holm, Isaac Asimov and Richard Avedon.

On a November evening, the Planetarium was transformed into a "Temple of Apollo" for the gala benefit preview of the new Hall of the Sun. Decorators Adolfo Garcia and Bill McMaster created the all-white color scheme, which was complemented by the dress of women guests.

There were booths of prophecy (a palmist, tarot reader and oracle of Delphi), Greek musicians and dancers, a Lester Lanin trio and a raffle with a ten-day holiday in Greece as the grand prize. The Guggenheim Space Theater became a lively discotheque for the evening.

The gala was sponsored by the Planetarium Council; Chairwoman Jeannette McElvenny reports that it netted some \$12,000 for the Planetarium.



Jeannette McElvenny holds a tête-à-tête with writer Brendan Gill.



Frederick Eberstadt, a contributor to the new hall, and Mrs. Thomas J. Watson, Jr., pause for a chat.



Seven white gowns created especially for the gala by well-known designers were modeled for guests throughout the evening.

CHILDREN'S CHRISTMAS PARTY



Keisha O'Williams, niece of Paul Vann, General Services.



The Annual Children's Christmas Party, held on Dec. 16, was a big success, as always. George Crawbuck, Exhibition, could not be on hand due to a previous theatrical commitment, but newcomer Santa Joe Fiore, Building Services, brought his own brand of warmth and insouciance to the timeless role.

There were other changes as well. According to the event's hardworking coordinator, Ernestine Weindorf, Natural History, the majority of gifts this year were of the unisex variety, including books and games.



Gretchen Beckham, center, daughter of Gordon Beckham, Natural History, with friends Eugenie Freund, left, and Antonia Ludwig.



Above: Richard Rapkiewicz, son of Michael Rapkiewicz, Projection. Right: Raymand Fuller, left, son of Walter Fuller, Building Services, and friend Keary Gray with Santa.



A PENNY SAVED....

If your New Year's resolution is to save more money and/or to be more thrifty, make tracks quickly to the AMNH Employees' Credit Union. Savings mount quickly when an employee takes advantage of the CU's simple-to-use ("and absolutely painless," according to one source) payroll deduction plan. Many employees are eligible for CU's quick loans, and payroll deduction makes repayment most convenient.

Becoming a member of the Credit Union is delightfully easy: simply go to the Credit Union office or call ext. 519 any Tues. or Thurs. between 12 and 1. The office is located in the basement, through the door opposite the north bank of CPW elevators (near the matrons' locker room).

RECRUITING DAYS ARE HERE AGAIN....

Once again, the call goes out to able-bodied employees and volunteers for their participation on the 1977 Headhunters Softball Team. Experience is not required--just a desire for some healthy exercise, fresh air and good fun, all in company with Museum colleagues. All Headhunters' games are played in Central Park after work, and the competition comes from teams representing organizations and companies from all over the city. For more information or to sign yourself up, call Billy Graham, ext. 271, as soon as possible. Roll up those sleeves and pitch in!

GREAT DAY FOR THE IRISH (AND CHINESE)

Once again, St. Patrick's Day (Thurs., March 17) will be celebrated at the Museum with an all-Irish menu, complete with corned beef and cabbage, in the employees' Cafeteria. In like manner, expect to find sauteéd beef with broccoli on the menu for Thurs., Feb. 17, in celebration of Chinese New Year. (For the Chinese and Japanese, it will be the Year of the Snake, an auspicious sign to the dozens of AMNH'ers who are working toward the Nov. opening of the Hall of Reptiles and Amphibians.) Past special Cafeteria menus have been hugely successful, and suggestions for future such gustatorial events are always welcomed by the Guest Services staff. Come and enjoy.

HERE AND THERE

Administration: Deborah Berry, formerly in Entomology, has been promoted to admin. secy. in the office of the Deputy Director for Research.
Animal Behavior: Cathleen Cox, post doctoral fellow, has received the W.C. Allee Award for her research on the evolutionary aspects of social

and sexual behavior of northern elephant seals.
Anthropology: David Hurst Thomas is on a field trip to St. Catherine's Island, Ga., and Enid Schildkrout is doing fieldwork in Nigeria.

Building Services: Rosa Santiago has been assigned to work the 10 p.m. to 7 a.m. watchforce. She is the first woman at AMNH to carry a time-clock in her capacity as night watchperson.... Joseph Fiore, attendant-guard, has been elected treasurer of Local 1306.... Thomas J. Ford, senior attendant-guard, retired after 39 years of Museum service. His friends and colleagues send him best wishes.... Albert Pontecorvo and Douglas Bonham have been promoted to supervising attendant-guards and Robert Robertson has been promoted to senior attendant-guard.

Education: Christopher Schuberth resigned after 17 years of service, and will be missed by his colleagues and his students.... Over the past several months, the dept. has received more than \$120,000 in grants for various activities, including the teaching assistant program, weekend operation of the People Center, a one-year instructor's post in natural science community education, support for the new Discovery Room and development of a new science program for gifted youngsters.... Martin Prinz, George Harlow and Joseph Peters of Mineral Sciences and Robert Aylward and Sarah Flanders instructed a group of 40 volunteers in the scientific background needed for teaching in the Section of Meteorites, Minerals and Gems.

Marjorie Ransom coordinated the program.... Catherine Pessino chaired a session at the Dec. Environmental Education Advisory Council Conf. in Conn.... C. Bruce Hunter is off once again to conduct his famous archeological field-study tours to Mexico.... Malcolm Arth went to Texas and Calif. in connection with his work for the National Endowment for the Humanities and the National Institute on Aging. In March he returns to Texas as a faculty member at a regional seminar sponsored by the Texas Historical Commission.... Elizabeth Guthrie received a 1976 American Motors Conservation Award in Nov. at a banquet held by the National Audubon Society.... Talbert Spence participated in a science career information program in Nov. at Marist College, Poughkeepsie, N.Y.

Entomology: John Pallister retired in Dec. A lifelong student of insects, Mr. Pallister served as an entomological authority for the many questions asked of the Museum by the public. For many years he was quoted by the New York Times when-

ever a natural phenomenon involving insects occurred. Both he and his tremendous store of knowledge will be missed.

Exhibition: George Campbell was one of five artists asked to exhibit at the Jan. boat show in the N.Y. Coliseum. He showed two paintings of clipper ships, entitled "Challenge," and "Fiery Cross."

Fossil and Living Inverts: Otto H. Haas, assoc. curator emeritus, died Dec. 21 at age 89. Dr. Haas joined the AMNH staff in 1940 and was a specialist in Mesozoic invertebrates and stratigraphy; he was also highly regarded as a geologist. He retired in 1955, after which he served as a visiting professor at the Mackay School of Mines at the Univ. of Nevada.

General Services: In Nov., Paul Vann produced a musical concert for the First Baptist Church in Magnolia, N.C. Gospel soloist Carl Murray was featured on the program, and Mr. Vann accompanied on the piano.

Heating and Refrigeration: Frank Zindulka, stationary engineer, left AMNH after ten years, and is now a resident of Roanoke, Va.

Herpetology: Isabelle Hunt Conant, wife of Research Associate Roger Conant, died on Nov. 3, and James D. Anderson, Research Associate, died tragically on Nov. 20 in an automobile accident... Charles Myers recently returned from a six-week collecting trip to South America and Panama. During the same period, the Charles Bogerts spent several weeks in western South America; they especially enjoyed a brief visit to Easter Island.... John Healy (retired technician), looking hale and hearty, paid the department a welcome Christmas visit.

Library: Toby Brown, supervisor of the restoration project, left in Dec. She will be missed.... Nina Root has been asked to serve a two-year term on an American Library Assn. committee to preserve library materials.

Mammalogy: Helmut Sommer spent the holidays in Germany and Austria. He first traveled to Nuremberg where he attended his parents' 50th wedding anniversary, and then spent time in Cologne and Vienna.... Peggy Canning has left the Museum to join her husband, who was transferred to the U.S. Coast Guard Station in Sheboygan, Wisc. Mrs. Canning, a member of the Coast Guard Reserve, will continue her duty there. James N. Layne, research director of the Archbold Biological Station in Fla., was the 1976 recipient of the American Society of Mammalogists'

C. Hart Merriam Award. He visited AMNH in Dec. to attend the symposium for Dean Amadon and to study specimens of Fla. mountain lions.... Guy Musser, who returned in the early fall from a three-year research and collecting trip to the Celebes, spent three weeks in Nov. studying rodents at the National Museum of Natural History in Washington, D.C., in connection with his Celebes work.

Mineral Sciences: George Harlow is the dept.'s new asst. curator. He just completed his Ph.D. work at Princeton, where he specialized in mineralogy and crystallography. He was born in Paterson, N.J., grew up in Conn., got his B.S. at Harvard and now lives in Leonia, N.J., with his wife, Pat, and dog, Shamus.

Ornithology: On Dec. 1, Dean Amadon was honored on his retirement with a special Museum symposium and dinner. Friends and colleagues attended from all parts of the U.S., Canada and elsewhere to join the festivities. Dr. Amadon, however, will continue at his desk in the dept.... Jean Delacour was welcomed back after spending the summer and fall in Clères, France, where he has a home. Before arriving here, he visited Brazil, Venezuela, Mexico and Florida to see many of his friends. He is now in Calif. for two months before again returning in the spring.... François Vuilleumier is vacationing in Geneva, Switzerland, his homeland.... Helen Hays spent New Year's Eve on Great Gull Island with several volunteers. Very cold out there!.... Lester Short leaves the end of Jan. to participate in another Museum Nile tour as guest lecturer. After the tour, he will go to Tring, England, for several weeks of research at the Natural History Museum.... Wesley Lanyon has been elected president of the American Ornithological Union.

Photography: Josephine D'Orsi retired in Dec. after 27 years at AMNH. Her friends gave her a farewell dinner and gift, and she writes, "To be honored by so many who are dear to me was the nicest gift of all." Mrs. D'Orsi's warmth and infectious gaiety are greatly missed.

Volunteers: Miriam Pineo's daughter and grandson were in town from Beverly Hills, Calif., for the holidays. Three generations of Pineos, as well as assorted cousins, camped out at Mrs. Pineo's all week.... Some volunteers got together on New Year's Eve for a traditional ten-course Chinese banquet in Chinatown.... Tim Cornwall spent the holidays in New Mexico.... Corabel Alexander was seen on TV's "Somerset" in Dec., and will be on "Candid Camera" this year.



OUR OVOVIVIPARE HAS FOUND A FRIEND

Any of you *Latimeria chalumnae* fanciers out there are bound to go bananas over the beauty of a new acquisition in Ichthyology: a male coelacanth, sent from the Museum National d'Histoire Naturelle in Paris as a goodwill exchange for the coelacanth baby we sent them last year. For the rest of us, well, beauty is not *L. chalumnae*'s strong point. Scarcity, however, is; and having a male of the species to study is a scientific boon for which AMNH scientists are more than grateful.

You may possibly remember the story about a year ago (GV, Dec., 1975): Charles S. Rand, prof. of comparative hematology in the biology dept. of Long Island Univ., had approached C. Lavett Smith, chairman and curator in Ichthyology, about examining the blood-forming tissues of the Museum's female coelacanth for work on his monograph on blood-forming tissues of vertebrates. While dissecting this female, Drs. Rand and Smith discovered five babies therein, thus upsetting a previously-held dogma that *L. chalumnae* laid eggs, and thereby laying an ichthyological bomb that hit as hard as had the original discovery in 1938 of a living coelacanth. Up to that time, this group (which rates about minus two on the fish pulchritude scale) was believed to have been extinct, departing this life during the Cretaceous Period along with the dinosaurs.

The 1938 discovery by Miss Courteny-Latimer, curator of the East London Museum in South Africa near the Chalumna River, changed all that. No more coelacanths surfaced from then until 1952, but since that time they have been collected intermittently around the Comoro Islands. The 1938 coelacanth was the only one discovered outside the Comoro Island waters. Since France owned the Comoros, it also owned the fish. French scientists have been studying these living specimens for years. (Of the 80 coelacanths collected to date, only one -- this Museum's -- is known to be a mother.)



The new addition was unwrapped very carefully in Ichthyology. Dept. chairman C. Lavett Smith, technician Harry Jacobson and Museum president Robert G. Goelet were in command of this final phase of its arrival.

Meanwhile, back at AMNH, Bobb Schaeffer, curator in Vertebrate Paleontology, had been examining fossil coelacanths, thereby complementing the French scientists' investigations. In 1962, a generous and anonymous AMNH trustee had made it possible for the Museum to acquire the female that later created such an ichthyological stir.

Our new male, weighing in at 76 lbs. and measuring four feet, was caught Oct. 10, 1961, off the Isle d'Anjouan (one of the larger Comoros) only three months before the Museum's female was caught in the same area. The couple are now together in a tank in Ichthyology awaiting further study.

Of the five babies, one is in Paris, one in Britain, one in California and two here. Of our two, one remains intact and the other has been prepared as a stained skeleton.

(continued)

Gareth Nelson, curator in Ichthyology, is conducting research on the structure of vertebrates; his present objective in studying the coelacanth is to assist in the general classification of fishes. A great deal may be learned from examining its gill arches and jaw structure.

Which about completes the story, except we can add that the Museum's new male specimen was picked up at Pier 11 in Brooklyn on a sunny, spring-like day amid considerable amicable exchange between Dr. Smith, sci.asst. Carol Hutchings, truckdrivers, longshoremen and pier-group hangers-on.

A TROPICAL FOREST REVISITED

This month, GV paid a visit to Guy Musser, curator in the Department of Mammalogy. Dr. Musser returned to the Museum after spending three years in the primeval rain forest of the Central Celebes in Indonesia, where he studied the unique populations of small mammals.

Anyone who has ever dreamed of exploration has probably wondered what it would be like to live and work in a primary tropical forest. According to Dr. Musser, it is an unusual, almost indescribable experience.

During the course of the three years, he and his assistant established ten different camp sites on various parts of the island, staying at each for approximately three months. They lived in tents or lean-tos made from materials found in the forest, and relied for food on natives from nearby villages, who would bring supplies to camp about every two weeks. (A "nearby" village might be several days away by foot!)

Moving a camp site from place to place proved to be an arduous task because of the mountainous, often dense terrain. To go a distance of ten to fifteen miles often required two weeks, as well as the services of several villagers.

Dr. Musser's object in going so deep into the forest was to study the natural history of small mammals, particularly rodents, in their native habitat. Before his field trip, scientists knew very little about the fauna of the Celebes, although the island was ripe for study because of the diversity of its mammals. Aside from discovering several new species of rodents, Dr. Musser contributed greatly to the overall scientific knowledge of the behavior of small mammals endemic to this area, focusing on such questions as when and how many young they produce, what they eat, and what part of the forest they prefer.



Guy Musser, right, on a visit to some of the villagers who brought food and supplies to his forest camps.

Since the animals he observed are nocturnal, he studied them at night in special cages set up at the camp site. His daylight hours were spent roaming far afield from camp, setting up traplines.

Dr. Musser reveals that he was able to adjust to the solitude and difficulties of forest life without any trouble. A lover of the outdoors since his youth, he has spent many hours hiking, camping and observing in this country. When asked if the weather presented any difficulties, Dr. Musser replied, "Only if you couldn't get used to being wet all the time!"

"Do you think you'll go back?" he was asked.

"Definitely," he replied. "There is much more to learn, and it takes a lot of work to get really meaningful data. And," he added, "the East is an exotic place. It gets into your blood."

ACTIVE COUNCIL AIDS PLANETARIUM

Past editions of GV have reported on various activities sponsored by a group known as the "Planetarium Council." The Council was organized in the spring of 1975 as an adjunct to the public affairs operation of The American Museum-Hayden Planetarium. Its purpose: to enlist the energies of some young and interested New Yorkers in improving the quality of presentations and image of the institution. Among other accomplishments, the Council has sponsored a number of parties (from small wine-and-cheese tastings to large benefits) for fund-raising and publicity purposes; arranged a well-received art competition for high school students in the metropolitan area; conducted a major survey of Planetarium visitors; and promoted the idea of "corporate evenings" in the Planetarium (at which interested companies would receive a special sky show and lecture for a donation to the Planetarium).

Heading the group is Jeannette McElvenny, whose office in the basement of the Planetarium is a hub of activity.



Planetarium Council members pose in front of the Zeiss projector. They are, l. to r., first row: Katharine Johnson, Christopher Cerf, Jeannette McElvenny (chairwoman), Jacqueline Bograd, Henry Plimack, Rachel Crespin; second row: Thomas Jones (Planetarium public affairs coordinator), Christopher Forbes, Lorna Livingston, George Beane, Allison Simmons, William Murray. Not all were present for this photograph by Council member Diana Mara Henry.

C'EST GASTRONOMIQUE!

Culinary delights, from onion soup to French pastries, will be served on Tuesday, April 19, which has been designated "French Day" in the Cafeteria. Come join your friends and sample the French cuisine.

"HEADHUNTERS" GEAR UP FOR SPRING

It's new uniforms -- light green T-shirts emblazoned with white dinosaurs -- for the HEADHUNTERS as they head into their new season.

Klaus Wolters, manager of the team, urges more employees to participate. The team meets at the 81st Street Central Park diamond every weekday afternoon at 4:30, working out until dark. The first game will take place in late April; GV will print the exact schedule in its next issue.

WE RALLIED 'ROUND

The recent United Fund Campaign at AMNH raised \$5400, which represents a 45% increase over the previous campaign -- and all this was accomplished despite a decrease in the number of Museum employees. The credits can be distributed in many quarters, but the main pat on the back belongs to all those employees who did contribute so generously. Alan Ternes, chairman of the campaign, Donn Rosen, co-chairman and Ernestine Weindorf directed the drive on its successful course.

Dr. Nicholson was appreciative of the support the Museum gave to the Fund. He especially credited (in addition to those named above), Nicholas Amorosi, Anthropology; Lee Drogin, Exhib. & Graphics; Sandy Kitt, Planetarium; Ivy Kuspit, Ornithology; Stephanie Rivera, Exhib. & Graphics; Patricia Timlin, Fossil and Living Inverts. and Klaus Wolters, Constr. & Maint., for taking the campaign "to the employee level, where it counts the most."

Next year, Donn Rosen, curator in Ichthyology, will be chairman of the campaign, and Joseph Sedacca, Exhib. and Graphics, co-chairman.

HERE AND THERE

Accounting: Carmen Giuliano, new clerk, was immediately welcomed because of her great sense of humor. Ms. Giuliano likes all kinds of sports and general ballroom dancing.

Animal Behavior: Two students have attained their Ph.Ds and are off to conduct postdoctoral work. Richard R. Levine, working with H. Philip Ziegler, is now at Florida State Univ. in Tallahassee, and Israel Lederhendler, a student of Ethel Tobach's, is at Woods Hole, Mass. Jack Izower, a student of Lester Aronson's, has also attained his Ph.D. from N.Y.U.

Anthropology: Away on a field trip to St. Catherine's Island is David Thomas.... Bettie Erda was given a retirement tea on Feb. 2, but she continues to work at the Museum as a volunteer at least two days a week.... Gordon Ekholm was a guest lecturer on Mayan culture for the Museum's Feb. tour to the Yucatan.

Archbold Biological Station: Warren Abrahamson, prof. of biology at Bucknell Univ. and a plant ecologist, has been appointed a research assoc. His work at Archbold is concerned with fire ecology and reproductive adaptation of plants. He received his Ph.D. degree from Harvard and a portion of his dissertation was researched at the station.

Building Services: Sidney Hamil, part-time weekend employee, died tragically on March 1.... Robert Hill's sister-in-law died Dec. 30, and William Delfino's father on Jan. 5.... Jean Dorilas and Felix La Court were promoted to sr. attendant-guards.

Education: Mrs. Harold Boeschstein presented a \$33,000 gift to the dept. in memory of her husband, a former Museum trustee, for the establishment of a program for teaching science to gifted youngsters. Talbert Spence will administer the project for the next two years.

Controller's Office: Richard Gaffney has

handsome with his new mustache.

Entomology: In Jan., Beatrice Brewster joined the dept. as a sr. secretary, a title she held from 1961-74 in Fossil Inverts. and from 1974-77 in Fossil and Living Inverts. ...Sharon Bernard joined the dept. in June, 1976, as a secretary. Ms. Bernard, a Queens resident, is originally from Enfield, England, and is particularly interested in clothing design.

Herpetology: Ludmilla (Lindy) Goldberg, formerly in the Museum Shop, is now a curatorial assistant, succeeding David Aleman who left to attend college full-time. (Mr. Aleman still volunteers valuable time on weekends, however.) Ms. Goldberg earned a B.A. degree in biology from Brooklyn College and plans to attend graduate school.

Library: Laura Wainwright joined the Library Circulation section, coming to AMNH from Yale Univ....Carolyn Komer has been appointed a restorer. Previously she was a sr. clerk with the restoration project....Fred North spent two weeks in Puerto Rico in Jan., returning brown and happy....Nina Root has been designated the first editor of the Newsletter of the American Society for the Bibliography of Natural History... Janina Gertner successfully completed an accounting course at Katherine Gibbs.

Micropaleontology: Susan Eisenberg, technician for the last three years, has resigned. Ms. Eisenberg had assisted in preparing photo-offsets for the Catalogues of Foraminifera and Ostracoda. Everyone wishes her well.

Natural History: Gordon Beckhorn, asst. copy editor and by-line writer since November, 1975, has accepted a position as a developmental editor with Worth Publications. Mr. Beckhorn will continue working in Animal Behavior where he is soon to complete his studies toward his doctorate.

Ornithology: Stuart Keith and his wife are birding in Colombia for a month....Dr. and Mrs. Dean Amadon spent Feb. at the Archbold Biological Station....Julian Ford, a Chapman Fellow for the last six months, returned to his Australian home, where a heat wave was in progress....François Vuilleumier recently returned from a month of vacationing in Switzerland and the south of France....Guerino Tolli slipped on the ice several weeks ago, breaking his ankle. He is recuperating rapidly.

Photography: Robin Lehman has done it again: His film, "Nightlife," was nominated for a live-action short film award by the Academy of

Motion Picture Arts and Sciences, which makes the third nomination in as many years. The previous two ended in his receiving an Oscar. 1977?

President's Office: Louise LoPresti spent the cold spell sailing in the Bahamas. It was an exciting trip with a touch of unexpected adventure when the sloop she was on encountered a vigorous Gulf Stream so'wester, for which the "Bermuda triangle" is famous. Despite being stranded on Grand Bahama Island, it was a fine trip. From where we sat this winter, what a place to be stranded!

Reproductions: A sizable crowd often gathered to watch a Stegosaurus replica being made in Gallery 77 by the members of the dept. during the "This Exhibit in Preparation" exhibition. Subsequently, Peter Hansen drove the reproduction to the Natural Science Center in Greensboro, N.C., where it was enthusiastically received. In fact, it was a front-page story complete with color photograph, in the Greensboro Daily News....Wendy Davidson exhibits her fossil fish rubbings at the World Trade Center from April 7 through May 1, and will also give public demonstrations there on Thurs., April 7, 14 and 21 from 12 to 2 p.m., and on Sun., April 10, 17 and 24 from 2:30 to 4:30 p.m.....The Univ. of Saskatchewan in Saskatoon wrote to acknowledge receipt of four fossil horse replicas and to say they are "genuine masterpieces...thank you very much."

Southwestern Research Station: Vincent Roth, resident director, attended meetings of the Entomological Society of America in Honolulu, and then spent another five weeks camping around the islands, collecting insects and spiders....Ruth Morse, asst. to the director, spent five weeks in England visiting friends and family.

Volunteers: Many volunteers attended a belated wedding celebration for Janet and Amos Kollek at The America-Israel Culture Foundation. The Planetarium's Tom Jones led Janet Kollek, Tim Cornwall and Corabel Alexander in a Charleston....Lee Stevens provides volunteers with authentic Greek recipes from his mother's kitchen....The orientation program is in full-swing, and, as always, created great interest among participants....Several young volunteers attended the Men's and Women's Committees' "South Pacific" Benefit this year. It was nice to see their new faces....Once again, the volunteers conducted a day of "behind-the-scenes" tours for Museum members. The latter left the Museum more enthusiastic than ever.



MUSEUM BANNERS LONG MAY THEY WAVE

May 22, 1976, was a banner day for the Museum. It was the day that Carl Hilgers, Al Sigler and Sal Furnari of the Sheet Metal Shop installed the first banner proclaiming the opening of the Section of Meteorites, Minerals and Gems. Since then, two other banners have billowed under the Museum's Central Park West arch, "Origami for the Holidays" and "Dinosaurs and Diamonds." A fourth, "Elephants and Egrets," is scheduled to be hoisted some time in mid-May.

Waving brightly in the breeze, the banners help attract the attention and stimulate the curiosity of passers-by. They are designed in eye-catching colors and refer to specific exhibits or to highlights of the Museum.

The newest banner, "Elephants and Egrets," will be the biggest and most visible to date. An impressive creation in lavender and purple, it measures 26 feet wide and 30 feet long. Thanks to a new and more sophisticated rigging system developed by Mr. Hilgers, this banner will hang in front of the Museum's arch, its top suspended 70 feet from the ground via a cable attached to a pulley on the roof. The previous, smaller banners, have all been recessed within the arch only 28 feet from the ground. Riggers Hilgers, Sigler and Furnari used an electric lift to fix these banners in place, but would have had to build scaffolding to go any higher.

The concepts for the banners originate in the Dept. of Development and Public Affairs; the designs and colors are worked out by Exhibition and Graphics. An outside firm produces the final product.

continued



The most recent Museum banner commands attention at the Central Park West entrance.

According to Mr. Hilgers, who has a special rigger's license issued by New York City, the Museum is one of the few institutions to install its own banners. "Each banner has gotten bigger and more visible," he says, "and we have experimented with different ways of hanging them. I think we've finally worked out most of the bugs."

Future banners are being planned for the opening of the "Gold of Peru" exhibition in October, for the Hall of Reptiles and Amphibians and for an upcoming show on the Ice Age. Although previous banners are currently in storage, their retirement may be only temporary; they will be used on a rotating basis, along with the new ones designed each year.

Since the program has been so successful to date, it looks as if the Museum will have many more banner days in its future! ■

PICNIC AND PLAY BALL

The fame of our Headhunters gets about. The NBC Radio softball team extended an invitation to team manager Klaus Wolters to play an exhibition game on Sunday, May 1, at 10:30 a.m. in Diamond 6 near Central Park West and 63rd Street. Players and fans should bring a picnic lunch and their entire families to root and

rally 'round Our Team.

The first regular game of the season is Monday, April 25 at 6:45 p.m. in Diamond 2 near 81st Street. It's the Headhunters vs. Petroleum Corporation. ■

THANK YOU VERY MUCH

Dear Dr. Nicholson:

My family and I enjoyed our visit to the Museum so much that we agreed it would be in order to let you know why.

Of course, we appreciated all the many and varied exhibits, but what impressed us greatly was the courtesy of the employees we came in contact with.

From the guard on duty at the subway entrance, to the two elevator operators whose cabs we rode in, to the man who took our money in the Cafeteria--they were all particularly helpful and kind and most of all cheerful on that particularly gloomy Sunday. It was so refreshing and unusual.

We had to let you know we think you have a great crew. Keep up the good work!

Very truly yours,

Paul and Leonora Borey
Westwood, N.J.

MUSEUM TOTEM POLES? LOOK AGAIN!

The third-graders of the Little Red School House on Bleecker Street visited the Hall of the Northwest Coast Indians one day recently. They had been studying the Indians of the Northwest and wanted to see and sketch the totem poles.

As a result of these sketches, the eight-year-olds, aided by their art and shop teachers, produced their own totem poles, which now stand twelve feet high in their classroom. Many of the motifs on these totem poles are copied from the Museum's own artifacts.

While they were constructing their totem poles, the children began a correspondence with a school in Alaska, exchanging letters and photographs and comparing ways of life. According to their teacher, it was a great learning experience--and it all began because the youngsters had an opportunity to visit the Museum and experience "the real thing." ■



At first glance, these totem poles look almost like the real thing.

A MOVING STORY



The moving crew while stationary, l. to r.; seated: Salvatore Melito, Luis Bonilla, Dominick Ardita, Angelo Mangano, Frank Masavage; standing: Sam Castelli, Pasquale Bartolane, Preston Hall, Salvatore DiBella, George Poinsett, Terence Dalan.

Ninety degrees outside? Sure as shooting, they'll be in an attic rearranging. Snow turning to sleet? You just know they'll be toting packages through "the yard." But the moving crew has learned it's all part of a job they accept and prefer to any other. Why? The consensus: "We are always getting around, doing something different each day. We meet just about everybody and see every place in the Museum." Some add, "It is still possible to find spots we never knew existed before!"

And that's the truth -- for all of us. Will anyone ever know the full secrets of this magnificent place?

But back to the crew, all of whom are senior attendant guards. We'll reverse our custom and take them in reverse alphabetical order:

George Poinsett is a part-time mover. With the Museum since 1963 as a member of the night watchmen force, in '73 he became an auxiliary member of the crew. He usually drives the truck and likes it, but prefers his regular guard duties at the main entrance. Alfreda Poinsett is an R.N. at Grasslands Hospital in Westchester. Of the six Poinsett children, the oldest recently joined the Air Force. Yonkers resident Poinsett is a member of a softball team. He also likes basketball and auto racing -- as

observer, not participant.

Salvatore Melito, a regular member of the crew since 1973, tells of times when he has been called upon to handle such "moving" as a mouse from under a woman's desk or pushing a dead pigeon off a window ledge. Bachelor Melito thinks the moving men know their job well.

Frank Masavage is crew manager. In November he will have been here 25 years. Also a bachelor, Mr. Masavage lives in Ozone Park, Queens, plays gin rummy, smokes cigars and enjoys touring the U.S.A. He enjoys his work, claiming "the bigger the job, the more interesting. Setting up big dinner parties, figuring out how to move the furniture, it is all a challenge."

Angelo Mangano works in the public parking area as well as with the moving crew, and prefers the latter. The public can be "very aggravating," he says, "especially when the lot is full." Another bachelor, Mr. Mangano likes baseball, football and occasionally goes to the track.

Cheerfully smiling Preston Hall regularly works in the employees' parking lot, which, unlike the above Mr. Mangano, he prefers to being on the moving crew. (But then, he is dealing with us!) Mr. Hall likes being out in

the nice weather, accepts the bad without complaint. "Everybody in the Museum is so friendly. I love it here." Mr. Hall goes in for movies and basketball, which he plays in the Bronx, where he lives.

Terence Dolan has been at AMNH since 1958. In the mornings, Mr. Dolan cleans some fifth-floor offices and then gets on to the moving, which he enjoys "very much, indeed. It is a nice job, as jobs go, you know," he says with a broad Irish accent. He and wife Mary have two children and every two years take off for Ireland (Counties Cavan and Kerry) where each has family.

Sports fan and dominoes-player Salvatore DiBella joined the moving crew in 1973, having been an AMNHer since 1959. He waited for this job and was pleased when it came his way. In the mornings he has "trash detail," emptying baskets all over the buildings. "Being on the moving crew is much more interesting," he says.

Sam Castelli, here since 1955, says "People shouldn't take me seriously. I like to kid around a lot," and then promptly claims "I bowl in the 300s." He pauses, waiting for the inevitable exclamation, and concludes, "100 for three games." Angeline Castelli works part-time for a dress manufacturer, and the Castelli daughter, Roseanne, is a student at Kingsboro College in Brooklyn, where the family lives.

Luis Bonilla grins happily when speaking of his native Puerto Rico and returning there every July for Carnival to celebrate with his band-playing friends. He and wife Raquel are excellent dancers, especially in the Latin style. His interest in dominoes is not shared by his three children or his grandchildren, but as dancers, they, too, are enthusiastic and able.

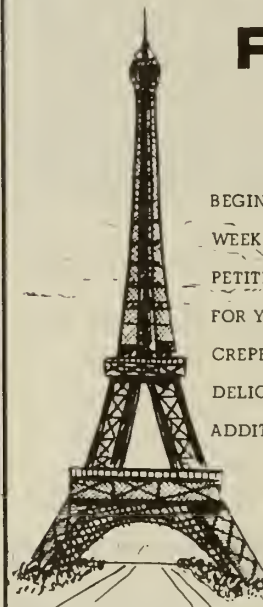
Part-time mover Pasquale Bartolone also spends time "on the floor" and in the employees' parking lot. He likes the parking lot most, the "floor" least. "Teachers can give us more trouble than anyone. They often give no discipline to the students, run off to the Cafeteria for coffee, then, when we reprimand the children, report us for being rude." It is not an easy situation and we empathize. Mr. Bartolone does leather crafts and is making a telescope under the guidance of the Amateur Astronomers Assn., of which he is a member.

Dominick Ardito lives in Sheepshead Bay with his wife and three children in a house he enjoys keeping in excellent repair. With the moving crew since 1973, he cleans the Section of Meteorites, Minerals and Gems in the mornings.

Now that you know them a little bit, say hello to the men in the moving crew next time they come to your office.■

HAVE YOU EVER TRIED IT?

ZE FRENCH WAY!



BEGINNING TUESDAY, MAY 17, AND FOR A TWO WEEK PERIOD, ARA SERVICES WILL FEATURE A PETITE "LA CREPERIE" IN THE CAFETERIA. FOR YOUR DINING PLEASURE, FRENCH-STYLE CREPES FILLED WITH APPETIZING ENTREES OR DELICIOUS DESSERTS WILL BE SERVED, IN ADDITION TO THE REGULAR MENU SELECTIONS.

COME TRY IT THE FRENCH WAY,
AND
BON APPETIT!

HERE AND THERE

Building Services: After seventeen years of Museum service, John J. Othmer, supervising Museum attendant-guard, has retired. Mr. Othmer plans to open a needlepoint school in the Bronx for retired people. Good luck, John Othmer; we will all miss seeing you around.... Irene Palser is now an assistant manager in the Museum Shop.... Caroline Savino, sr. attendant-guard, has been transferred to Public Admissions.

President's Office: On Monday, April 4, a daughter was born to Mr. and Mrs. Robert G. Goelet. The new young Museum member has been named Alexandra Gardiner after her mother, the former Alexandra Gardiner Creel.■



MUSEUM, PLANETARIUM OPEN WEDNESDAY EVENINGS

As many people know by now, the American Museum and the Hayden Planetarium have opened their doors to the public on Wednesday evenings until 9 p.m. These expanded hours make the Museum and the Planetarium two of only three cultural institutions in New York City open every day and one evening weekly. (Asia House is the third.)

The decision to keep the Museum open on Wednesday evenings was the result of several considerations, explains director Thomas D. Nicholson.

"Museum attendance has increased over ten percent during the past year, and we anticipate that the same will be true for the coming year," he said. "And, we also believe that the fall

openings of 'Peru's Golden Treasures' and the Hall of Reptiles and Amphibians, as well as the 1979 opening of the Hall of the Peoples of Asia, will attract additional visitors."

Another consideration in the decision to extend the Museum's hours was the fact that Columbus Avenue and the area immediately surrounding the Museum are currently undergoing a renaissance. New restaurants and shops are attracting substantial numbers of people in the evenings.

To accommodate evening visitors, the Hayden Planetarium has scheduled an additional Sky Show each Wednesday at 7:30 p.m. The Planetarium now closes as usual at 5 p.m. on Wednesdays, but reopens at 6:30 p.m. for



On May 25, H. Claude Shostal, New York City's commissioner for cultural affairs and Martin Segal, chairman of the Commission for Cultural Affairs, helped the Museum inaugurate its Wednesday evening hours. Mr. Shostal slides a sign heralding the new hours into one of the Museum's kiosks on Central Park West near the main entrance as (l.to r.) Museum president Robert G. Goellet, Mr. Segal and director Thomas D. Nicholson look on.

visitors wishing to see the exhibitions and the Guggenheim Space Theater.

Other events scheduled for the new evening hours include a tour of Museum highlights led by volunteers and a series of film programs. The tours depart each Wednesday at 7 p.m. from the second-floor Information Desk. The films will be shown on a periodic basis beginning in early fall.

The Cafeteria is now serving dinners each Wednesday between 6 and 8:30 p.m. for hungry visitors and hard-working employees. A full-course meal, including appetizer, entree, salad and dessert, has a fixed price of \$3.75. A la carte selections are also available. The Museum Shop and the Parking Lot are also open late each Wednesday evening.

Why not bring your friends and relatives and enjoy a busman's holiday some summer Wednesday evening? ■

QUARTER CENTURY CLUB HOLDS ANNUAL GALA

The annual Quarter Century Club dinner was particularly festive this year, perhaps due in part to the warm, summery weather on May 18. GV went from jovial group to jovial group, meeting and chatting with many of those who have served the Museum so well over the years.

There was Patrick J. O'Dwyer, former box office manager in the Planetarium, who still retains the lilting voice of Ireland, where he was born, raised and educated. Retired since 1973, Mr. O'Dwyer, who lives in Little Falls, N.Y., spends his time gardening, visiting

two daughters who live nearby, and generally taking it easy.

Edward W. Morton, former Museum Shop supervising clerk, who retired in 1976, is now going to college two days a week. He is studying anthropology at the College of New Rochelle, and, not surprisingly, says he is enjoying his retirement.



Robert G. Goelet and Thomos D. Nicholson present new club member Sophie Lupero with her certificate.

John E. Scott, formerly of Building Services, reports that he has just become a grandfather for the seventh time. His son and his wife have six boys and a girl; grandchild number seven was a boy.

Margaret M. McGoldrick, former telephone operator, reports that she has been going to Europe every year; this summer she will visit



Club members (from left) Tereso Martin, Anno Montgomery, Rose L. Adlington welcome new-comer Eleonor T. Forbes.

Lucerne, Switzerland. Otherwise, she announced firmly, she's "not doing a damn thing," which, after all those years on the hectic Museum phones, is as it should be.

William C. Forbes, with Building Services before his retirement in 1973, looked very proud of his wife, Eleanor, who joined the Quarter Century Club this year. Mrs. Forbes first came to the Museum to work at the old Information and Sales Desk, which was then at 77th Street. Later, she worked in the Museum Shop itself, serving in various capacities. Four years ago, she was appointed assistant manager. Meanwhile, Mr. Forbes has been following the careers of Seattle Slew

and company.

The other new club member for 1977, Sophie Lupero, Planetarium cashier, looked very happy at the party, perhaps because she claimed herself to be "the baby here!" Mrs. Lupero started her career in the subscription department of Natural History in 1952, but when that division was abolished she moved over to the Planetarium. She has been there ever since, and by her own admission, enjoys the work because it gives her the opportunity to meet many different people, from celebrities to students, children, out-of-towners, you name it.

Best of luck to all! ■

HAPPY BIRTHDAY, FARIDA WILEY

C. Bruce Hunter, asst. chairman of Education, pins an orchid on Farida A. Wiley at a gala luncheon held at the Museum on May 23 to celebrate Miss Wiley's 90th birthday. Although she officially retired in 1955, Miss Wiley maintains an office as honorary assoc. in nature education in Education. And, of course, her famous field trips for laymen are as popular as ever. A hearty salute to the indomitable Miss Wiley!



TREATED ROYALLY

George F. Campbell, principal preparator in Exhibition, has just returned from a visit with the Prince. It seems that Mr. Campbell, the extraordinary creator of miniature cities from the past, among other accomplishments, was invited by the governors of the Cutty Sark Society of London ("not the whiskey people, unfortunately," he informed us) to attend a reception in the presence of His Royal Highness the Duke of Edinburgh, president of the Royal Maritime Society and patron of the Cutty Sark Society, on board the Cutty Sark to mark the Society's 25th anniversary.

Mr. Campbell was the naval architect responsible for the research, designs, specifications and estimates during the 1950's renovation of the famous clipper ship that had originally been built in 1869. At that time, "I met the Duke informally on a number of occasions as he had a close personal interest

in the project, and at the opening day ceremonies the whole team of us were presented to the Queen."

George and Peggy Campbell had a jolly London week catching up on family and friends. In addition, it seems Mrs. Campbell cut quite a diplomatic swathe: after the formal ceremonies, while chatting amiably with the Duke, she told him "all our American friends send greetings to the people of England." "Indeed?" the Duke said, "Now I do think that's nice of them!" Shortly thereafter, a tall, lean, extremely distinguished gentleman asked her if she would join him in a glass of stout. "That would be delightful, thank you," she smiled, and accepted a glass of Guinness. "Oh my, this is the best I have ever tasted," she told him. Peggy Campbell claims complete innocence, but it seems the distinguished gentleman was Lord Viscount Boyd, general manager of that well-known spiritous company. ■

Thomas D. Nicholson and Kenneth Chambers, supervising instructor, Education, represented AMNH on May 23 at ceremonies honoring the 50th anniversary of the Bear Mountain Trailside Museums, Nature Trails and Zoo. Dr. Nicholson, one of the guest speakers, presented William H. Carr, the organization's first director, with a commemorative award for his many years of distinguished service. Dr. Nicholson also paid honor to former directors John C. Orth, John J. Kenney and present director John H. Mead. Mr. Carr was associated with AMNH in the past; Mr. Orth is associate in nature education in the Education Dept.

The Bear Mountain museums consist of four separate buildings devoted to geology, nature study, small animals and historical information. It was begun in 1927 as a result of cooperation between AMNH and the Palisades Interstate Parkway Commission.

The Headhunters are moving along with wins and losses. The games are lively, and lots of fun to watch. The remaining schedule is as follows: June 27, July 11 and 20, August 15 at 5:30; August 1 at 7 p.m. All

games are in the baseball diamond near the 81st street entrance to the Park.

Curators, volunteers and Education staffers all have major roles in presenting the free guided tours called "Highlights and History" to Museum visitors this summer. The hour-long tours are conducted every Tues., Wed. and Thurs. at 11 a.m. and 1:30 p.m. and at 7 p.m. on Weds., by a specially-trained corps of volunteers who fill "tourees" chock full of facts -- scientific and historic -- about the areas visited. Everyone working on the project found it exceedingly enjoyable, most particularly because of fascinating tales uncovered about some of the more eccentric people in the Museum's 108-year history. Some of the scientist's talks and reminiscences will be video-taped and tape-recorded for use in future training programs.

The Section of Meteorites, Minerals and Gems, Fred B. Bookhardt, Jr. has informed GV, received the 1977 Illumination Engineering Society's Lumen Award. Mr. Bookhardt was the section's designer for William F. Pederson Associates. Mr. Bookhardt recently opened his own offices in Manhattan. ■



On May 7, dozens of friends, colleagues and former colleagues of Lester R. Aronson gathered from many parts of the United States to honor Dr. Aronson and his 39 years of Museum service. A seminar was held at Hunter College's Roosevelt House in the afternoon, followed by a cocktail reception and buffet supper. Dr. Aronson retires this summer as chairman and curator in the Dept. of Animal Behavior.

HERE AND THERE

Accounting: The Planetarium gains a new asst. box office manager, but "we lose a fine accounts receivable clerk," writes the dept.'s reporter, adding: "Good luck, Debbie Simon, everyone here will miss you."

Anthropology: Bettie Erda and Joan Truesdale are off on a two-month trip to Indonesia in search of shadow puppets and "shadow puppets people."....Nicholas Amorosi won a graphics award, his third, at the spring Washington Square outdoor art exhibit.

Astronomy: Phoebe Pierce retired last month from the Planetarium, where she started working in 1946 under former chairman Gordon Atwater. Ms. Pierce worked for many chairmen since, handled thousands of requests, watched the beginning of the space age and "was very glad to be a part of all that excitement, all that change. The Planetarium was very much at the center of things," she says. Her friends and colleagues wish her happiness with her travel plans and her life in Madison, Conn.

Building Services: The following have been promoted from attendant guards to sr. attendant guards: LeRoy Addison, Elisha Burnett, Jean Dorilas, Henry Downer, Granville Heddad, Rafael Olaguibel, Michael Samuels and James Webb.

Education: Phyllis Mandel and Kate Bennett-Mendez have been promoted from instructors to senior instructors....Kenneth Chambers left in June to conduct a Museum field-study tour in natural science in Alaska, including the Pribilof Islands.

Deputy Director/Research: Tech. specialist Robert Koestler was awarded an M.S. degree from Hunter College.

Exhibition & Graphics: Cooper Union will award George Gardner a B.F.A. degree in November....Stephen Quinn will be co-leader with Ornithology's John Bull of three weekly seminars on tropical birds in Trinidad and Tobago from June 29 through July 30.

Fossil and Living Invertebrates: Effective July 1, the board of trustees has approved a request that the dept. name be changed from Fossil and Living Invertebrates to a simplified "Invertebrates."....As of June 30, Dorothy Bliss resigns her term of office as chairwoman; she continues as curator. Ernst Kirsteuer becomes the new chairman....Bruce N.

Haugh, a Milwaukee, Wisc., native who received his Ph.D. degree in paleontology from UCLA, has been appointed asst. curator starting July 1. Dr. Haugh, who specializes in paleozoic crinoids, was an asst. prof. at Erindale College, Univ. of Toronto....Sydney Horenstein is currently featured on WNYC-AM's "New York Now" every Thursday (anytime between 4-6 p.m.) speaking about different aspects of natural history in New York City.

Herpetology: Charles Myers participated in the Scripps Oceanographic Institute's trip to the Peruvian Amazon in April. En route home he stopped in Panama for frog collecting.... Richard Zweifel and family spent a week working on St. Catherine's Island. He and Charles Cole will stop there again on their way home from the Amer. Soc. of Ichs. & Herps. meetings in Gainesville.

Ichthyology: Connie Mok was properly welcomed into the "Fish Wives Association," when she became the April bride of graduate student Hin-Kiu Mok....Congratulations to the James W. Atz's on their 25th wedding anniversary....C. Lavett Smith recently presented a paper at the Third International Symposium on Coral Reefs.

Library: Barry Koffler, part-timer for many years, has left to complete his doctoral thesis in zoology. He and part-timer Steven Drucker designed the "Natural History Illustrated" exhibit in the rare book and manuscripts collection.... The AMNH Library, along with the N.Y. Botanical Garden Library, have mounted a rare book exhibit at the Grolier Club on East 60th St. The show, "Rare and Endangered," depicts engravings, colored plates and original drawings from the libraries' collections on endangered zoological and botanical subjects. The exhibit is open Mon.-Sat., 10-4.... Pamela Haas, Miriam Tam and Lucienne Yoshinaga attended Civil Service seminars in Wash., D.C., dealing with library automation. Their attendance was made possible through Warburg scholarships....The newly-published, 13-volume "Research Catalog of the Library of the American Museum of Natural History: Authors" is now available in the reference section....Nina Root attended the annual meeting of the Soc. for the Bibliography of

Natural History in April....Genevieve Silberstein transferred to Micro Press as a Museum technician....The Special Libraries Assn. held a gala at the Planetarium on the evening of June 6 for a capacity crowd. Mildred Bobrovich, Janina Gertner, Mary Giatas, Pamela Haas, Miriam Tam, Nina Root and Lucienne Yoshinaga represented the Library; Thomas Lesser and Sandra Kitt were Planetarium hosts and Thomas D. Nicholson welcomed the guests. The annual conference also heard from Jerome G. Rozen, Jr., and James Gross at a panel discussion on museums as information resources. The attendees visited the Library and Rare Book Room.

Micropaleontology Press: In Sept., 1970, Tsunemasa Saito was appointed editor of Micro Press. In July, 1977, he will leave to return to his native Japan as a prof. of crusto-evolution at Yamagata Univ., Yamagata City. During the seven years under his leadership, the press initiated four new series of publications. In addition, Dr. Saito was a sr. research scientist with Lamont-Doherty Geological Observatory, where he did extensive research on planktonic foraminifera, studying their usefulness in determining past climates and conditions in ancient oceans. Dr. Saito's departure is deeply regretted by his staff who think of him as "a wonderful friend, a very understanding person to work with." He will go home the slow way, first touring the U.S. with his wife and two children. Dr. Saito would welcome visits from any of his Museum friends should they happen to be in Yamagata, part of the famous Japanese snow country....Charles Falborn, with the Museum since 1964, died in April. Mr. Falborn printed the catalogues of the five major microfossil groups. His jovial personality will be sorely missed....Jane Glicksman, sr. clerk, has moved to Natural History as asst. copy editor.

Ornithology: Diane Riska, curatorial asst., will attend UCLA this fall....Wesley Lanyon recently returned from St. Catherine's Island, where he did field work. On July 1, Dr. Lanyon becomes Lamont Curator of Birds....Dean Amadon visited the Southwestern Research Station and then attended the Cooper Ornithological meetings. From there he went to Idaho, Utah and Colorado. On June 9 he

was given a retirement tea....Ruth Chapin, research assoc., has returned from a Costa Rican and Guatemalan vacation....Helen Hays is spending the summer on Great Gull Island, continuing her work on terns....Alexander Prigogine is here from Belgium on a grant from the Chapman Fund. A distinguished ornithologist, Mr. Prigogine will be here for a month studying our collections....François Vuilleumier returned from Panama, where he was a guest speaker at the Fourth Internatl. Congress of Tropical Ecology. He then visited the Paris Museum and the British Museum (Natural History) before acting as a tour guide on an AMNH cruise of the British Isles....Lester Short returned from a visit to Mississippi State Univ., where he attended the annual meeting of the Wilson Ornithological Society. Lester L. Short will be gone until August 15 to do field work in Nairobi, Kenya....Roger Pasquier has written a book, "Watching Birds—an Introduction to Ornithology," recently published by Houghton, Mifflin & Co. Arthur Singer was elected secretary of the Industrial Photographers Association of New York.

Photography: Robin Lehman, whose documentary films continually garner awards, has just received two first prizes: his films, "Night-life" and "End of the Game" won in the Biological Sciences and Nature and Wildlife categories respectively at the American Film Festival in May. These two films and four others will be shown at the Museum in the Auditorium for the special Robin Lehman Film Festival during the week of July 25....

Volunteers: All those who knew him mourn the passing of Timothy C. Cornwall, who died suddenly in April....Volunteer Richard Deneau went off to southern California, Celia Weiss returned from her Florida vacation and Ann Polzer will vacation in her native Austria this summer....Congratulations to Leys Parker, new grandfather of a lovely girl....C.Y. Wilder spent Easter in the Cayman Islands and will spend the summer in the Hamptons....Janet Kanarek-Kollek will study comparative law of the Middle East in Jerusalem this summer....Volunteers hosted a special tour of the Section of Meteorites, Minerals and Gems for a group from the Newark Museum.■



MARGARET MEAD FILM FESTIVAL ON SEPT. CALENDAR

It's going to be a busy fall at the Museum, and everyone's gearing up for the opening of the new Hall of Reptiles and Amphibians, a dazzling temporary exhibition entitled "Peru's Golden Treasures" and the five-day Margaret Mead Film Festival. The film festival is first on the agenda, and it should prove to be an extraordinary event.

Scheduled for Sept. 14-18, the festival is really two special events rolled into one. The weekend of Sept. 17 and 18 will feature over eighty hours of continuous film screenings in eight Museum halls, informal talks by experts, workshops, displays and a special student screening area. More than 100 films from all over the world will be screened during the two-day film bonanza. All are designed to give people an increased understanding of themselves and others.

Special highlights of the weekend event include a workshop on family folklore where participants will be shown how to keep film records of their family or community, a workshop on Southern folklore, a children's mini-festival in the People Center and a special exhibit on film technology which gives viewers a chance to examine a variety of old and new film equipment. On Sunday, Sept. 18, Dr. Mead and anthropologist Gregory Bateson will moderate a special program examining culture at a distance. Using examples of films made in both pre-war Nazi Germany and contemporary Germany, they will discuss the ways in which a fictional film can reveal social attitudes.

The evenings of Sept. 14, 15 and 16 will be given over to another unique event - a retrospective of the works of the highly-acclaimed French film ethnographer, Jean Rouch. Mr. Rouch has been called the first full-time film ethnographer; that is, he is that rare



French film ethnographer Jean Rouch (seated, center) with (clockwise) Niger film colleagues Damaure Zika, Tallau Mouzaurane and Lam Ibrahim Dia, who have collaborated with him on several productions.

person who combines the expertise of the anthropologist with the creative and technical skills of the professional filmmaker. He has used his outstanding ability to make startlingly beautiful films of Africa, training a first generation of native African cinematographers in the process. Mr. Rouch's work has been widely praised abroad, and it is gaining a strong following in this country. The retrospective will provide an outstanding opportunity for American audiences to familiarize themselves with a large body of his work.

A series ticket for the three-evening retrospective will be available to employees and volunteers for \$6; the regular series ticket is \$8. Anyone wishing to purchase tickets should go to the Members Lounge, second floor, Sect. 12. Complete programs for the free weekend festival are also available. ■

LERNER FUND MAKES FIRST AWARDS

Fifteen young scientists, all of them graduate students in the field of marine biology, have been selected to receive the first scholarships awarded by the Museum's Lerner Fund for Marine Research. The scientists, who come from all parts of the country, will receive sums of money ranging from \$200 to \$1000. Selections were made by the Lerner Fund Advisory Committee, Arthur Gray, chairman, which is composed of Museum trustees, staff scientists and others committed to the study of marine biology.

The Lerner Fund for Marine Research is one of three small grant programs offered by the Museum. (The other two are the Frank M. Chapman Memorial Fund and the Theodore Roosevelt Memorial Fund.) Established in late 1976, its goal is to assist young scientists undertaking studies in marine biology by providing them with modest financial assistance normally unavailable from large foundations and granting agencies. Awards are given for research in marine ecology, ichthyology and invertebrate zoology, as well as in certain basic aspects of medical research, food production and pollution detection and control.

This year's award recipients will be doing research in many exciting areas, ranging from an analysis of the sedimentary environment in Eastern Great South Bay, N.Y., to a study of seasonal changes in the invertebrate fauna of a sand beach on the Pacific coast of Panama. Each scientist is expected to submit a report to the Museum administration upon completion of the project.

"We hope that the Lerner Marine Fund and other funds like it will help spread the name of the Museum throughout the scientific community as an important national and international financial and scientific resource," says Jerome G. Rozen, Jr., deputy director for research. Dr. Rozen is a member of the Lerner Advisory Committee, which administers the fund's activities.

The Lerner Fund for Marine Research is named in honor of Michael Lerner, a well-known sportsman and amateur naturalist. For over 25 years Mr. Lerner and his partner, Arthur Gray, Sr., have made invaluable contributions to research programs in marine biology.

Mr. Lerner has supported and participated in field expeditions to Australia, New Zealand, Peru, Chile, Nova Scotia and Bimini, all of which have produced important marine specimens for the Museum.

The Lerner Fund for Marine Research is supported by contributions from interested individuals and organizations, by proceeds from the Lerner Endowment Fund and by income derived from the rental or sale of the Museum's former Lerner Marine Laboratory on the island of Bimini. This year the fund dispensed approximately \$10,000 in scholarships. It is hoped that the fund will be able to generate approximately \$30,000 yearly in the near future. ■

CORPORATIONS LEARN ABOUT AMNH

For the past five years, the American Museum has made a special effort to increase the level of financial support from the business community with an annual Corporate Campaign. This effort involves a special appeal to the business world, reinforced by a series of specially-planned events which introduce the corporate community to the Museum. Last fiscal year, the general chairman for the drive was William F. May, chairman of American Can Company, who, with the help of 38 vice-chairmen, succeeded in raising over \$350,000.

Last year's drive was launched in October with a reception appropriately called a "Museumfest". Chief executives of large corporations in the tri-state area and their families met Museum scientists from seven different departments who discussed, demonstrated and otherwise dazzled the visitors with the variety and complexity of the American Museum.

From January through March, a series of six behind-the-scenes luncheon-seminars were held in various departments. These were designed specifically to demonstrate how the goals of industry are intricately interwoven with those of scientific research and education.

In each department visited, special emphasis was placed on how that particular department - through its own special work - contributes to mankind's general knowledge. In the new Hall of the Sun, for example, guests learned from Planetarium staff of the awesome

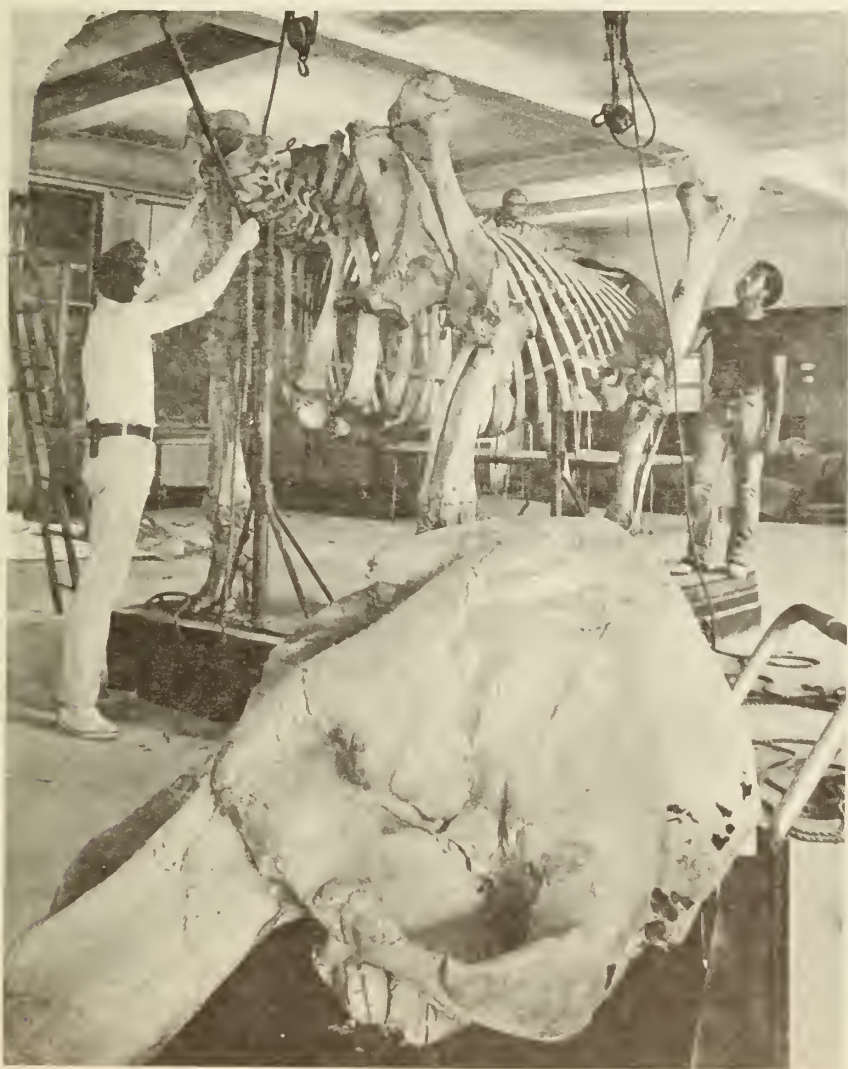
energy of the sun, and how even this seemingly endless source of power will someday cease to be. The effects of solar activity on climactic conditions on earth were also explored. The visitors came away with a greater appreciation of the value of astronomy as a tool in long-range weather forecasting. With this more accurate data, they were told, corporations can locate sites and construct plants which will utilize the least amount of the best and longest-lasting energy.

In the as-yet-incomplete Hall of the Peoples of Asia, the great diversity of the peoples who inhabit the Asian continent and the nearby islands became readily apparent to corporate visitors. The Corporation which plans to expand into an Asian country can learn much from the cultural anthropologist about how to understand differing cultural attitudes in both business and social relationships.

Other areas visited during the luncheon-seminars were Ornithology, Vertebrate Pale-

ontology, and the Education Dept.'s new Discovery Room. Each added support to the corporate campaign's message that what goes on here at the American Museum affects what-ever goes on in the wider world.

Plans are already under way for this year's corporate campaign, which will emphasize how the Museum serves its public. The inaugural event will be a reception for the opening of "Peru's Golden Treasures" on Oct. 4. Hosted by His Excellency, Carlos Garcia-Bedoya, Ambassador from Peru to the United States, and Robert G. Goelet, AMNH President, this affair promises to be an evening to remember. The opening in November of the new Hall of Reptiles and Amphibians will provide the focus for a family-oriented reception for the spouses, children and grandchildren of our corporate friends. In the winter and early spring, a new series of small scientific seminar-luncheons will again take guests behind the scenes to "where the action is." ■



JUMBO IS THE WORD FOR IT!

Bibliographic asst. Gil W. Willis (left) and sr. technician Jean Augustin, both of the Dept. of Mammalogy, dismantle the colossal African elephant skeleton of Jumbo which had been on exhibit on the third floor. The entire procedure required a team of eight men and took 28 hours. "Jumbo" was taken off display because it blocked the entrance to the area in Sect. 3 that is being transformed into a temporary exhibition hall, to be called "Gallery 3." The living elephant, one of the largest and most popular attractions ever shown in the Barnum and Bailey circus, was heralded by P.T. Barnum as "the towering monarch of his race." Barnum donated Jumbo's skeleton to the Museum after the pachyderm's tragic death in a railroad accident in 1885. Jumbo's mounted hide, which was until recently on exhibit in the museum at Tufts University, was destroyed when the building burned down. Jumbo is gone, at least temporarily, but not forgotten. His fans will never forget the animal who added a new word to the English language: Jumbo, the universal synonym for all things stupendous.

HERE AND THERE

Anthropology: David H. Thomas, chairman, has been promoted to assoc. curator.

Controller's Office: A new member of the office is Jason S. Lau, who is involved in the implementation of the Museum's new computer program.

Education: Malcolm Arth has returned from a trip which took him to the USSR for meetings of the Internatl. Council of Museums and to Nigeria where he continued field studies and delivered an invited lecture at the National Museum in Jos....Frances Gordon, secy, left in August to become director of the youth program at the Martin de Porres Community Service Center in Queens....C. Bruce Hunter left Sept. 1 for India, where he will be studying Buddhist cave frescoes. He is also stopping at archeological sites in Iran and Turkey....J. Paul Sanfacon has returned from fieldwork in Morocco, where he also completed arrangements for the Museum's 1978 tour to that country....Talbert B. Spence, former coordinator of the Environmental Education Center, has a new post as director of school programs at the Wave Hill Environmental Center in Riverdale....Maria Uyehara attended the Jubilee festivities in London this summer as part of a delegation from the Carriacou Carib Cultural Organization. She was invited by the Consul General of Grenada to be a principal speaker at that nation's London events in recognition of the Museum's activity in Caribbean community programming.

Entomology: Lee H. Herman, Jr., chairman, has been promoted to curator....Norman I. Platnick has been promoted to assoc. curator.

Herpetology: José Rosado left the Museum in July to accept a position as curatorial assoc. at the Museum of Comparative Zoology at Harvard. Mr. Rosado worked in Photography for several years before coming to Herpetology, where he worked since 1975 as a curatorial asst. under an NSF grant....Mrs. Charles Bogert, wife of the former chairman of Herpetology, paid the dept. a brief visit this summer en route from a trip to London and Africa with her two grandchildren. She reports all is well in Santa Fe, N.M., where the Bogerts have resided for many years....Drs. Richard G. Zweifel, Charles W. Myers and Charles J. Cole attended the American Society of Ichs.

and Herps.' meetings in Gainesville, Fla., in June; afterwards, Drs. Zweifel and Cole visited the Archbold Biological Station in Lake Placid and then spent a week on St. Catherine's Island, Ga. They were joined there by sons Jeff Cole and Kenny Zweifel, who assisted their fathers in their research projects.

Library: Part-timer Steven Drucker spent four weeks in London on a Victorian Society scholarship this summer....Mildred Bobrovich spent her vacation in London, Paris and Amsterdam.

Natural History Magazine: Over the past several months, many new faces have appeared on the scene: Rebecca Finnell, membership secy, is currently working on a campaign to increase Museum membership. Arthur Sachs is now the publication's business manager; Carolyn Robinson is marketing manager and José Mauricio Sola production manager. Mary Sue Rynecki is asst. circulation manager and Katherine D'Agosta is sr. secy.

Ornithology: Wesley E. Lanyon was appointed Lamont Curator of Birds upon the retirement of former Lamont Curator Dean Amadon in early June. Dr. Amadon is now Lamont Curator Emeritus. The Lamont Curatorship was first filled by world-renowned ornithologist Robert Cushman Murphy in 1949. According to Thomas D. Nicholson, director, "The tradition of the Lamont Curatorship, the caliber of the people who have held it...make it a distinct honor for this title to be conferred on an individual. The excellence of Dr. Lanyon's scientific achievements certainly merits this recognition, and I am confident that he will continue the distinguished tradition of the curatorship."

Paint Shop: Klaus Wolters, foreman, was injured in a Headhunters ballgame last July 20. He has had surgery to repair a torn ligament in his knee, and will be in a cast for several weeks. He expects to return to work some time after the cast is removed. His friends and colleagues wish him a speedy recovery.

Southwestern Research Station: Vincent D. Roth, research director, and Barbara Schröpfer of Cham, West Germany, were married at the station on July 10. Almost 200 wedding guests heard the music of the Bisbee Blue Grass Band and sampled spider-decorated cakes.■



PERUVIAN GOLD EXHIBITION MAKES U.S. DEBUT AT AMNH

An art event of major importance opened here on Oct. 5; a spectacular collection of some 225 gold objects from ancient Peru, which are among the relatively few survivors of that country's extraordinary goldworking tradition. "Peru's Golden Treasures," on display in Gallery 77, includes some of the most appealing objects — masks, beakers, figurines, crowns and personal adornments — that have ever been fashioned from this precious metal. The gold pieces span a period of nearly 2000 years and represent primarily the pre-Inca cultures of Vicus, Nazca, Moche and Chimú. A few exceptional Inca pieces, which happily survived the onslaught of the gold-hungry Spanish *conquistadores*, are also included.

In addition, the exhibition features items from the Museum's renowned South American collections, including ceramics, musical instruments, and most

notably, two exquisite examples of the rare and priceless Paracas embroidered textiles, which are at least 2000 years old.

This exhibition, which makes its U.S. debut here and was organized and designed by AMNH, will remain until Jan. 1, 1978, at which time it will travel to the Field Museum of Natural History, Chicago; the California Academy of Sciences, San Francisco, and the Detroit Institute of Arts. The gold pieces in the exhibition come from the Museo Oro del Perú in Lima under the auspices of the government of Peru. The exhibition itself is supported by a federal indemnity from the Federal Council on the Arts and the Humanities.

Be sure to make a special visit to Gallery 77 this fall; you'll agree that this advice is worth its weight in gold. ■



A human mask bordered by serpents, believed to be Nazca (c. 200 to 800 A.D.) can be seen in "Peru's Golden Treasures".

DESIGNS WITH A SMILE

Have you ever been lost in the Museum and consulted a hall map or sign to help you find your way? Have you seen the special designs for the brochures and flyers promoting the Museum's programs and events? Have you noticed the new masthead for GV and the new museum letterhead? All this is the work of the Graphics division, located in the Powerhouse. The Graphics division is a unit of the Exhibition and Graphics Dept., chaired by George S. Gardner.

According to manager Joseph M. Sedacca, "The Graphics division is a service unit, which fulfills the graphic needs of the Museum. We are called upon for graphic designs which run the gamut from a quick sign for an out-of-order elevator to the much more sophisticated and complicated Annual Report."

Mr. Sedacca told GV that the division gets calls from many outside agencies for advice and information on how to design graphics for the natural sciences. He also finds himself giving "fatherly advice" to young students who are interested in going into the graphic arts field.

GV recently spent an afternoon visiting the five-member department. Mr. Sedacca came to the Museum as an artist 22 years ago, with the intention of staying just a year or two. In 1955, Graphic Arts was a two-person operation. "Over the years we worked constantly to convince people that good graphics were necessary to the Museum, and we succeeded only too well," he laughed, glancing at the pile of work orders in front of him.

Mr. Sedacca, a native New Yorker with a degree from Pratt Institute "wears many hats" at the Museum. Besides managing Graphics, he also is manager of Scientific Publications and is involved in designing temporary exhibits such as "Is it Real?," "Puppets: Dance and Drama of the Orient" and "Cans From a Pressured City." For this last exhibit, Mr. Sedacca himself transformed squashed tin cans into delightful works of art.

And when he's not designing for the Museum? During his free time, Mr. Sedacca enjoys anything in the area of fine arts. He also spends a great deal of time working on the summer house he built in East Hampton. Four years (1969-73) were spent teaching part-time at the Pheonix School of Design (not called Pratt-Phoenix), which he enjoyed very much. "Teaching is a rewarding and refreshing job," says Mr. Sedacca, "especially when you are able to open doors for many young students."

GV then met Juan C. Barberis, a native of Argentina, who spent thirteen years in Spain and has lived in New York for fifteen years. Mr. Barberis came to the Museum fourteen years ago, and draws most of the scientific illustrations for the staff, such as charts and graphs. He recently did the pen-and-ink Margaret Mead portrait for the Margaret Mead Fund for the Advancement of Anthropology. Mr. Barberis is married to artist Alcira Ibanez and they have two children, Carlos Alberto and Giovanna, who are also interested in art. According to Mr. Barberis, his most enjoyable hobby



The members of the Graphics Div. are l. to r., top row: Joseph M. Sedacca, Juan C. Barberis, Richard Milone, bottom row: Rene Moens, Joy Toltzis, Stephanie Rivera.

HALL OF REPTILES AND AMPHIBIANS OPENS NOV. 18

On Friday, Nov. 18, the long-awaited and eagerly-anticipated new Hall of Reptiles and Amphibians will open at last. The date falls appropriately, if only coincidentally, near the end of the Chinese Year of the Snake (Year 4675).

Earlier in the week, on Monday, Nov. 14, there will be a Museum employees' and volunteers' preview, scheduled for the fashionable hour of 5 p.m. Everyone will be receiving a formal invitation shortly.

In all modesty, it must be said that this major, permanent exhibition promises to be the definitive one of its kind anywhere. Planned and designed by the Herpetology and Exhibition departments, it presents nearly 20 different aspects of reptile and amphibian life with an outstanding combination of realism and evocativeness.

There are the newly-refurbished and ferocious-looking Komodo Dragons; a huge, 25-foot-long python

from Southeast Asia, and two enormous crocodilians collected by the Museum many years ago. There are also some intriguing exhibits on parthenogenesis (reproduction without males) and on the role of reptiles and amphibians in the lives of human beings. One example of the latter is the popular Japanese liquor known as "Old Mam," made in a process that involves throwing live, venomous snakes into a fermenting mixture. . .

There is a weightier connection between reptiles and man that is discussed in a section of the hall on prehistory. During the Age of Reptiles, a group of animals known as the therapsids roamed the earth. They somehow managed to survive the so-called Great Extinction that wiped out the dinosaurs — and went on to produce the precursor of man's earliest mammalian ancestors. ■



A female king cobra gains the attention of four youngsters on a preview visit to the new Hall of Reptiles and Amphibians. .

is "to close the door to my studio and work." He has done book illustrations for many publishers, including McGraw-Hill, Prentice Hall and Charles Merrill, and his work has been featured in many exhibits. The family moved in Sept. to a new home in Port Washington, L.I., where he has plenty of room to enjoy his pastime.

Richard Milone came to the Museum in early August. A native New Yorker, he grew up in Brooklyn and now resides in Manhattan. While GV was visiting him, he was doing the artwork for the "Discovery '78" brochure for the Museum's travel program. A graduate of Pratt Institute, Mr. Milone is so interested in the Museum that during his free time he is doing a photographic study of "what happens around the immediate vicinity of the Museum."

Rene Moens (pronounced means) has been with the Museum ten years. Born in Flanders, Belgium, he grew up in New York and now lives in Closter, N.J. According to Mr. Moens, "there is nothing that we don't do for the Museum as far as graphics is concerned." He is currently redesigning the Museum floor plan. "We plan to orient the map differently so people can find their way around better," he said. Mr. Moens is also a professional sculptor who has been teaching this art for five years at the Riverdell School, N.J. He and his wife, Helene, a psychotherapist, enjoy traveling; they have vacationed in Europe almost every year for the past ten years. According to the peripatetic Mr. Moens, "I'm still discovering places that I didn't know about."

Joy Toltzis is another new division member who joined the staff in July. A graduate of the Tyler School of Art in Philadelphia (part of Temple University), Ms. Toltzis came to New York one year ago to pursue her career. "New York is definitely the city for art and graphics", she says. "The Museum is an unusual environment in which to work—it has an academic nature." She designs posters, brochures and flyers, and is drawing illustrations for such projects as the Annual Report and "Peru's Golden Treasures." Ms. Toltzis enjoys cooking, sewing, the ballet and loves living in New York.

Last but not least is Stephanie Rivera, secretary to both Mr. Gardner and Graphics. Ms. Rivera, who has been in the department for one year, says she is learning what goes into mounting exhibits and likes the fact that in her job she meets a lot of people. "There's a lot to do, I am never bored — and you can always count on a crisis," according to Ms. Rivera, who lives in Parkchester. She enjoys all types of sports and music and professes to play "mediocre guitar and bad piano."

Now that you've met this talented group of people, please remember to consult them the next time you need help with design or a quickie sign for an "out of order" elevator. They are friendly, helpful, and as George Gardner says, "a multifaceted group of highly talented and skilled people." GV, for one, couldn't do without them! ■

Dino the Dinosaur makes his way down Broadway during one of the recent Macy's Thanksgiving parades.

DINO COMES HOME

Mark down the dates — Nov. 9 through 13 — immediately. Invite your sisters, your cousins and your aunts (and any other relevant relatives) from out-of-town to visit you. Make sure the kids are boned up on ancient reptiles and Macy's Thanksgiving Day parades. Then, set a date and bring them all to see one of the most fabulous creations the eye can behold — the four-story-high Dino the Dinosaur balloon, for years a favorite sight in the fabulous Macy's parades.

Macy's and AMNH are cooperating in the five-day exhibit to mark the official "retirement" of Dino from the Macy's parade balloon roster. Where could there be a more fitting place than at this Museum, home of two of the most famous dinosaur halls? And, of course, Dino and his fellow balloon characters have been inflated every year right outside the Museum, on West 77th Street between Central Park West and Columbus Avenue, in the wee hours of Thanksgiving morning. Therefore, it can truly be said that Dino is "coming home" for one last time before he goes the way of all dinosaurs.

For his Museum appearance, Dino will not be inflated with the usual helium but with regular air, so that he may be viewed at floor level in the Roosevelt Rotunda. (Yes, he *will* fit in the Rotunda, with just enough room for visitors to see — and touch — him.)

You've never seen the Thanksgiving Day Parade in person? You've never seen how huge a dinosaur could be? Bring the whole family and enjoy an unusual treat — your last chance to see Dino, the bewitching brontosaur. ■



MUSEUM DISCOVERY TOUR PROGRAM STEAMS AHEAD

January, 1978, will mark the fourth year of the Museum's "Discovery Tour" program, which is coordinated by the Development Office. Since its inception in 1974, the program has offered unique scientific expeditions to South Africa, South America, Alaska, the Adriatic, Aegean and Black Seas, Egypt and the Nile, as well as a cruise around the British Isles and a sea voyage to Central America and the Yucatan. Each tour is accompanied by one or more lecturers who have special knowledge of the part of the world being visited.

Museum scientists who have already participated in Discovery Tours are Thomas D. Nicholson, director and astronomer; Lester L. Short, Francois Vuilleumier and John Farrand, Jr., ornithologists; Gordon F. Ekholm and Harry L. Shapiro, anthropologists; C. Lavett Smith, ichthyologist, and Kenneth A. Chambers, Education Dept. Also, David D. Ryus, vice president, and Jerome G. Rozen, Jr., deputy director for research, have joined tours as representatives of the Museum.

To date, some 800 persons have participated in the tour program. On a recent trip, people from 28 states, Canada and Mexico were on the passenger list. And some participants have taken more than one Museum tour: on last June's British Isles cruise, 26 tour members had been on one or more previous Museum trips. Because the purpose of the tours is to raise money for the Museum, all participants are expected to make a donation of from \$250 to \$1000 at the time of registration.

Beginning in January, 1978, the Education Department's field trips, initiated over twenty years ago by C. Bruce Hunter, assistant chairman, will be coordinated by the Development Office. These tours have always had a loyal following, and together with the trips in the newer "Discovery" program, serve to unify the Museum's entire travel program.

As an indication of the program's increasing activity, in 1974 the Museum offered two tours; in 1978, there will be twelve. The 1978 program includes archeology tours to Mexico, Maya-Mesoamerica, South America and Easter Island, led by Mr. Hunter; an anthropology tour of Morocco led by Paul J. Sanfacon, Education; a tour of European natural history museums led by Dr. Nicholson; an Alaska wildlife tour led by Mr. Chambers; an East African safari led by Richard G. Van Gelder, Anthropology; a Galapagos Island cruise led by Wesley E. Lanyon, Ornithology, and Richard G. Zweifel, Herpetology; an Italy-Tunisia-Aegean Sea tour-cruise; a cruise of European waterways, and two cruises up the Nile. ■



American
Museum of
Natural
History

Discovery Tours

FACTS & FIGURES ABOUT THE AMNH CREDIT UNION

- It is a non-profit organization run for the benefit of its members.
- It has been in business for 41 years.
- It is, in many cases, the cheapest and quickest place to get a loan.
- It has made 17,990 loans totalling \$10,631,252.
- Its members have on deposit \$395,978.
- It currently pays a 6% annual dividend quarterly.
- Its savings accounts are insured up to \$40,000.
- Ask any member: It is a convenient place to save as well as to borrow and repay loans, especially through payroll deductions.

If you are not already a Credit Union member and wish to learn more about it or to join, visit its office in the basement of the Roosevelt Memorial Building any Tuesday or Thursday between noon and 1 p.m. ■

...AND THE STAGE GLITTERED



Three eminent anthropologists shared the Auditorium stage on Sept. 18 during the Margaret Mead Film Festival to discuss two German films screened that day which explored the subject of culture at a distance. Malcolm Arth, left, chairman of the Education Dept., was moderator of the program; Margaret Mead and Gregory Bateson, we have on good authority, held the audience spellbound.

HERE AND THERE

CAFETERIA: The Cafeteria announces that Wed., Oct. 12, will be "Italy Day" and Tues., Nov. 22, will feature an "early American Thanksgiving Dinner". Special dishes for your delectation will be served; see you in the Cafeteria line!

DEVELOPMENT AND PUBLIC AFFAIRS: Mary McLaughlin has been appointed development and public affairs asst. Bayyinah Bello has been promoted to sr. secy.; she was formerly in the Invertebrates Dept.

DIRECTOR'S OFFICE: Valerie Hrebicek has been promoted to asst. to the director.

EDUCATION: Phyllis K. Mandel and Karen Bennett-Mendez have been promoted to senior instructor.

ELECTRICAL SHOP: William G. Shaw, electrician, retires on Oct. 12 after 20 years of Museum service. An electrician for 45 years, he once worked for the Hudson River Day Line. Mr. Shaw's wife, Helen, is a sumi Japanese brush stroke) artist who shows her work at art exhibitions in New York State and New England. When he retires, Mr. Shaw will continue to help his wife by making the frames to mount her pictures and by being her "general all-around assistant." The Shaws who have two children and three grandchildren, make their home in Brooklyn.

ENTOMOLOGY: Thomas H. Rhyand has been appointed scientific asst.

GENERAL SERVICES: Margaret Brown, telephone operator, and her husband, Arthur, spent their vacation happily looking after their 17-month-old grandson, Michael Wishoet. . . Congratulations to Vincent J. Tumillo, printer, who recently won \$500 in the New York State Lottery. "I'm going to win an even bigger jackpot next time," reports Mr. Tumillo.

INVERTEBRATES: In August, Norman and Gillian Newell, Niles Eldredge and Bruce N. Haugh attended a national convention of paleontologists in Lawrence, Kansas. Dr. Newell organized and chaired a symposium on the biological crises at the end of the Cretaceous period. . . . Morris K. Jacobson and William K. Emerson

have written a book, recently published by Dodd, Mead, called "Wonders of Starfish." The book is especially geared to youngsters aged ten and over.

MICRO PRESS: Norman S. Hillman, Martin J. Janal and Ruth Manoff have been promoted to assoc. editor. Nancy Rodriguez is the new secy.

MINERAL SCIENCES: Robert J. Floran joined the dept. late last year as a post-doctoral research fellow. He is a native New Yorker with a PhD. from SUNY at Stony Brook, and was a research associate at the NASA — Johnson Space Center in Houston before coming to AMNH. . . . Martin Prinz, George E. Harlow and Dr. Floran attended the Meteoritical Society meeting in Cambridge, England, last July. They also visited the British Museum and other sites. . . . Joseph J. Peters has been promoted to scientific asst.

MUSEUM SHOP: Charles L. Hopkins has been appointed asst. manager.

OFFICE OF DEPUTY DIRECTOR FOR RESEARCH: Diane Menditto has been appointed asst. to the deputy director for research.

ORNITHOLOGY: John Bull, sci. asst., and John Farrand, Jr., have written a book, "The Audubon Society Field Guide to North American Birds: Eastern Region." Published by Knopf, it was favorably reviewed in the Sept. 12 issue of the *New Yorker*. . . . Francois Vuilleumier and Mr. Farrand are two of the scientists currently aboard the Museum-sponsored cruise to the Adriatic and Aegean Seas. . . . Volunteer Lucille Erway has moved to Ann Arbor, Mich. . . . Eugene Eisenmann, G. Stuart Keith, Lester L. Short, Wesley E. Lanyon, Mary LeCroy and Helen Hays all attended the August meeting of the American Ornithologists' Union in Berkeley, Calif.

PERSONNEL: Susan L. Freese has been promoted to personnel asst.

PLANETARIUM: Deborah A. Simon has been promoted to asst. box office manager.

VERT. PALEONTOLOGY: Alejandra Lora is the new secy.

MUSEUM DANCE CLASS SEEKS STUDENTS

The Museum dance class, held on Tuesday evenings from 5 to 6 p.m. in the Auditorium, is looking for new members. Everyone — male, female, experienced or tyro — is welcome. The first class of the fall season will be held on Tues., Nov. 1, at which time dancers will have an opportunity to meet the new

instructor, Evan Williams. A recent graduate of Julliard, Ms. Williams is an experienced instructor in the Graham and Limon techniques. She is also trained in ballet and jazz and is a frequent dance performer.

The class is limited to twelve regular members, so sign up now with Ms. Williams, c/o the Museum Shop. ■



MUSEUM AWARDED NEH CHALLENGE GRANT

In June of this year, the Museum was awarded a three-year challenge grant from the National Endowment for the Humanities. Under the terms of this grant, the Museum receives one dollar of Federal aid for every three dollars of new or increased support from private sources. In order to receive the first annual installment of the grant, \$112,500, the Museum was faced with the task of raising \$337,500 (or three times that amount), by Aug. 31.

By the appointed date, the Museum had raised in excess of the amount needed to release the initial payment from the National Endowment. In subsequent years, the deadlines for raising the necessary matching funds will be June 30, the end of AMNH's fiscal year.

In order to generate the funds needed to continue to meet the grant requirements, the Museum has stepped up its promotion program for new members and is seeking to upgrade existing memberships. The efforts of the Men's and Women's Committees, the Discovery Tour Program and the Corporate Drive have heavily concentrated on new and increased contributions; all funds generated by discretionary admissions will be used toward meeting the matching requirement.

The funds received from this challenge grant will be used in a myriad of ways. The Department of Education will receive support for outreach personnel, teaching assistants, the development of printed and audio guides and of new interpretive programs. Membership, Education, and Development and Public Affairs will receive funds for volunteer training and for promotion to stimulate new audiences and membership. Exhibition will receive support for renovation of exhibitions, including the refurbishing of labels and other Museum graphics.

The broad goals of the challenge grant program are to help cultural organizations to increase their levels of continuing support, to broaden the range of contributors, and to help increase audience participation in, and appreciation for, programs sponsored by the organizations.

With its emphasis on community outreach and increasing participation—through volunteers, new members and special events—the American Museum will enjoy many long-range benefits from the larger audiences and the increased revenues made possible by this important award. □

BETTY FABER — A NIGHT OWL WHO STUDIES ROACHES

Sometime in the wee hours of the night, when the Museum is silent and empty and all employees, no matter how dedicated, are sleeping peacefully, Betty Lane Faber is hard at work tracking and studying the roach population in the Museum's greenhouse. Dr. Faber, who is an entomologist and an associate in the Department of Animal Behavior, was forced to adopt her nocturnal habits when some years ago she became fascinated by roaches and decided to study them intensively. (Her fascination for these ubiquitous creatures is shared, as most of you know, by the Museum's other cockroach expert, Alice Gray.)

"Roaches are not very active during the day," Dr. Faber reveals. "The action is at night, as soon as it becomes dark. They come out of their hiding places and I track them with a red light and a camera. I have a cot in my lab and I spend the night there at least once a week, sometimes more."

Dr. Faber couldn't have found a more perfect environment in which to study her roaches. The Museum's greenhouse is a glass-enclosed structure located over the Department of Animal Behavior, which houses, not plants, but numerous tropical fish tanks. Happily for Dr. Faber, it has a large, self-contained, fairly stable population of roaches, ideal for studying these animals in the wild. In fact, Dr. Faber is one of the few scientists ever to study roaches in their natural habitat; most prefer to observe them in laboratory settings.

(continued)



Dr. Faber has no qualms about handling her research subjects.

"Like many people, I used to scream every time I saw a roach, especially when I was younger. In fact, it took me years to get over my disgust. It wasn't until I was getting my master's degree and I became fascinated with the built-in clocks that certain insects have that I really learned to get along with roaches."

Labeling each animal on its back with a number (she tried giving them each names, but when you're working with about 1000 animals, that can become tedious), Dr. Faber follows each individual insect's movements to and from food-baited traps. She has come to know them individually, recognizing many without looking at their labels. She has a pretty good idea how they behave, which parts of the greenhouse they like best, what happens when individuals meet and where they like to hide.

When she spends the night at the Museum, Dr. Faber tracks the roaches continually from dusk to midnight. After that, she sets the alarm clock to awaken her every two hours for further observations, and finishes the night by sleeping from 4 to 8 a.m. She uses a special television camera that takes pictures in the dark, as well as headgear similar to that employed by miners, with an infrared light attachment and an eyepiece that converts infrared to visible light. In the morning she analyzes her data to get a clearer idea of what she actually observed the previous night.

Dr. Faber has found that roaches make perfect research animals. "They're readily available, they're cheap, they don't bite, and I can leave them for a weekend without worrying about them."

According to Dr. Faber, there are two common types of roaches in New York City: the familiar German cockroach (*Blatella germanica*) and the larger, American cockroach (*Periplaneta americana*) or "water bug," on which her studies are primarily centered. Both species are geographically misnamed, since they evolved in sub-

tropical areas of Africa and Asia. They are believed to have been brought here as stowaways on trading vessels in the 17th and 18th centuries. Because these roaches are not native to the United States, they don't have many natural predators. They eat almost anything and reproduce at a phenomenal rate, and can therefore be very hard to control. "Most of the animals that eat roaches, such as rats, centipedes and tarantulas, are as repulsive as roaches, and most people wouldn't want to keep them around the house."

Dr. Faber indicates that the best way to control a roach problem in your home is to keep things clean and dry. If you do see a roach, she recommends using a spray with pyrethins. This will cause the roaches to rush out of their hiding places, killing or stunning them. On a long-term basis, however, Dr. Faber says that boric acid, placed behind the stove and the refrigerator as well as in hidden corners, is one of the best and cheapest methods of control. She also favors boric acid because "you always know where your poison is—you can see it."

Believe it or not, not every society finds roaches frightening, according to Dr. Faber. In the course of her research with these animals she has discovered that in some Far Eastern countries, roaches are considered a delicacy, a taste which she herself does not share. In Russia, they were once used as a cure for dropsy and to make tea.

Although Dr. Faber indicates that her roaches rarely escape the greenhouse (for which the rest of us in the Museum may be devoutly grateful), one occasionally slips through a crack. So if you're ever walking through the corridors and you see a roach with a number on its back, return it to Dr. Faber in the greenhouse. She may even introduce you to the little critter and tell you its life story!□

SIGHTS AND SOUNDS

Glance over the Museum's weekly Schedule of Events and you will see a large number of activities taking place: slide lectures, films, teachers' courses, exhibit openings, special dinners, Auditorium programs and many more. The events go on, seven days a week, 52 weeks a year. Many of these programs require the services of the skilled staff in the Projection Division, whose office is located on the mezzanine in the Education building.

GV recently spent an afternoon visiting the division. Exiting the elevator on the mezzanine, one faces a blackboard listing that day's audio-visual requirements. Quite often the staff assignments run into the evening hours, especially during seasons when there are special Education Dept. and members' programs, new hall and exhibit openings or corporate receptions. Each activity requires some form of audio-visual skill, such as amplification, lighting or projection.

Every Projection employee has to be highly flexible and able to cover all areas of the division's assignments. On a typical day, each is assigned to cover two floors and is responsible for all audio-visual needs on those floors. And if a machine breaks down during the day someone from Projection has to be on hand to repair it. The division is responsible for maintaining about 80 pieces of equipment on a daily basis; it overhauls approx-

imately fifteen Museum projectors a week.

At the conclusion of daytime activities, staff prepare for the evening events, such as film programs or special lectures. You will also always find one of them on hand for weekend dance or music events. (And would you believe that on holidays they also take care of feeding the birds in the Alexander M. White Natural Science Center?)

"The men in the division are highly dedicated and hardworking," says manager Arthur L. Grenham, sitting at a desk surrounded by cartons of video equipment scheduled for installation in the renovated Hall of Ocean Life.

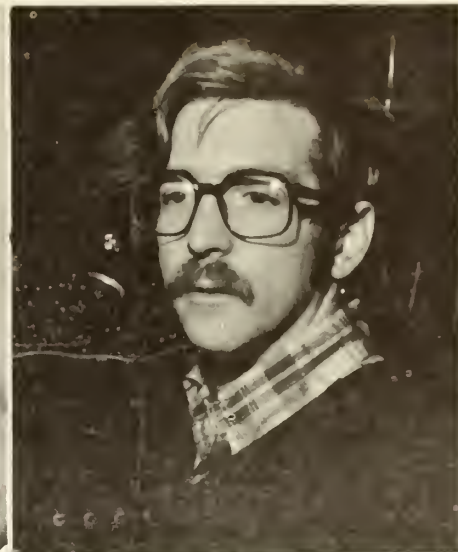
Art Grenham first came to the Museum in December, 1968, to supervise the installation of the slide/film show in the John Lindsley Hall of Earth History. When that job was completed, he supervised the construction of the Museum's Centennial exhibition, "Can Man Survive?" In both these assignments he was employed as a contractor for a private firm.

It was not until May, 1969, that he became a permanent Museum employee, working in various departments such as Guest Services and Exhibition. In 1974, he became manager of the Projection Division. "There are always so many activities that require our services, and each one is a little bit different," says Mr. Grenham.

A resident of Hicksville, L.I., Mr. Grenham and his

The Projection Division staff, l. to r., are:

Arthur Grenham,
Larry Van Praag,
Michael Rapkiewicz,
Dana Levine,
Jack Torres



wife of 22 years, Gladys, enjoy photography, traveling and camping. Whenever they can, the couple like to hop in their Dodge camper and drive to their property in Georgia for a vacation.

According to affable Larry Van Praag, "There's a lot more to it than just running films, which is why this job is so interesting. We use a variety of skills in the projection field." For Mr. Van Praag, who has been at the Museum six-and-a-half years, one of the most exciting projects was the reconstruction of the Auditorium, because his division was asked to select the type of audio-visual equipment to be installed. Mr. Van Praag also enjoys working with Exhibition, setting up the audio-visual components of new halls and exhibits.

When Mr. Van Praag is not busy working at the Museum, he is busy working around his home in Valley Stream, L.I., where he lives with his wife, Ann, and two daughters, Karla, 5, and Robyn, 2½.

Michael Rapkiewicz, the newest member of the division, has been at the Museum a year-and-a-half. He too, finds the job very rewarding: "You learn a lot and meet a broad spectrum of people." For Mr. Rapkiewicz, the most exciting assignment so far has been the Margaret Mead Film Festival (during which unparalleled demands were made of the Projection Division).

Mr. Rapkiewicz lives in Middle Village, Queens, with

his wife, Lynn, and their three children, Richie, 8, Tracey, 5, and Amy Victoria, two months (born right after the film festival). When not on the job, Mr. Rapkiewicz enjoys abstract painting, working around the house and spending time with his family and his golden retriever, Judge.

In addition to these three full-time staff members, there are two part-time employees who work on weekends only. GV did not have the opportunity to meet them in person, but Mr. Grenham gave brief sketches of these important people. Dana Levine takes care of the weekend projection needs of the People Center and helps out on special weekend performances. A bachelor who lives in Manhattan, Mr. Levine is currently working towards an M.S. in psychology at N.Y.U. With his busy schedule, he finds that he has very little free time.

On weekends, Jack Torres is in charge of all the Museum's audio-visual equipment, and he also screens the Saturday film programs. Mr. Torres lives in Brooklyn with his wife, June, and son, Jack age nine. In addition to working at the Museum, his services are in great demand by many ad agencies. When not busy at work, he enjoys photography and electronics.

The next time you see a Museum film or slide show, hear a musical performance or attend a dance program, remember that Projection has been hard at work behind the scenes to make sure everything runs smoothly. □

Anthropology: Jane Epstein is the new curatorial asst. I and Deborah Mayer is the new curatorial asst. II.

Building Services: Frank Mangano retired in October from Public Admissions after sixteen years of Museum service. His colleagues will miss him, and wish him the best of luck in his retirement.... Five new attendant guards are on the roster; they are Adolphus Alexander, Terrance Brenner, Herbert Jones, Patricia North and Joseph Zakrzewski.

Director's Office: Loretta Davis is the new senior secy.

Education: Osroe Jones is the new secy.

Entomology: Pedro Wygodzinsky has received an honorary doctorate from the Univ. of La Plata, Argentina.

Heating and Refrigeration: Vincent LePore, plant engineer, has returned to work after suffering a heart attack in August.

Herpetology: Curatorial asst. I Linda Goldberg vacationed in southern Germany for two weeks in October.... Two large, charging alligators, apparently protective mothers with recently-hatched young, kept George Foley and Charles Cole (with son Jeff) on their toes while conducting fieldwork on St. Catherine's Island, Ga., in October.... Nancy Olds is the new curatorial asst. II.

Invertebrates: The Helminthological Society of Washington elected Horace W. Stunkard an honorary member at its October meeting; he also received its Anniversary Award for 1977, a distinction given to a Society member for "distinguished contributions and services toward achievement of the Society's aims and objectives." Dr. Stunkard also was invited to discuss two papers at an October symposium on Host-Parasite interfaces at the Univ. of Nebraska.

Library: Nina J. Root was elected a member of the Grolier Club, formerly a men-only association.... Janina Gertner and Pamela Haas spent two delightful fall weeks in London.... Lucienne Yoshinaga vacationed in Florida.... Miriam Tam's parents paid her a visit from their home in Hong Kong; the family vacationed in California and New Orleans.... Edgardo Colon-Hernandez is the new senior clerk.

Mineral Sciences: Martin Prinz attended the Second International Kimberlite Conference held in October in Santa Fe, N.M. He reports it was a stimulating trip which allowed him to "get back down" to the upper mantle, a long-time area of interest.... Also in October, Dr. Prinz, George Harlow and Joseph Peters visited members of the mineralogy dept. at the Royal Ontario Museum in Toronto after an "adventuresome" journey getting there. This was followed by their attending the annual Detroit Gem and Mineral Show, where they displayed AMNH minerals and met with mineralogists and collectors. It proved to be a rewarding trip because the Museum garnered several acquisitions and gifts.... The two new curatorial assts. III are Brendan Caulfield and Dolores Garcia.

Ornithology: Lester L. Short led a Museum Discovery tour up the Nile in late October, and then went to the British Museum (Natural History) for several weeks of research.... François Vuilleumier and John Farrand were scientific participants on a Discovery tour of the Aegean and Adriatic Seas in October. After the cruise, Dr. Vuilleumier went to the Univ. of Montpellier, France, where he gave a paper on mathematical models of the ecological niche.... Jean T. Delacour has returned to the Museum after spending the summer in Cleres, France.

In October he was awarded the Arthur A. Allen Medal at Cornell Univ., an award given him for his significant contributions to ornithology.... Dr. and Mrs. Wesley E. Lanyon have returned from a two-week camping trip in the Adirondacks.... Mary LeCroy and Helen Hays attended the second annual conference of the Colonial Waterbird Group, held at Northern Illinois Univ.... Eugene Eisenmann attended a November conference on migrant birds in the Neotropics held at National Zoological Park, Washington, D.C.... John Bull's and John Farrand, Jr.'s book, "The Audubon Society Field Guide to North American Birds (Eastern Region)" was Number 1 on the New York Times trade books bestseller list in November.

Paint Shop: Klaus Wolters has returned to work after leg injuries received in a July Headhunters game. He asked GV to express his thanks to all those who sent him cards during his convalescence.

Personnel: Virginia Godley is the new personnel records asst.

Planetarium: Alejandro Camarena is the new attendant guard.

Vertebrate Paleontology: Eunice Anderson is the new secy.

Volunteers: Nineteen volunteers have been leading the very successful "Highlights and History Tours" of the Museum this summer and fall. In July and August alone, almost 2600 visitors from 31 different nations took the tours, which are coordinated by Sarah Flanders. Typical comments from visitors: "Absolutely the finest Museum tour I have ever taken" and "I never learned so much in such a short time."□



Dino the Dinosaur was the star attraction during its five-day stay in November. Almost 40,000 visitors saw the giant brontosaurus balloon during his farewell appearance in the Roosevelt Rotunda.





NEW ASIAN HALL WILL BE NAMED FOR GARDNER D. STOUT

The hall of Asian ethnography, currently under construction on the Museum's second floor, was given its official name at the November 28 meeting of the board of trustees. The new hall will be called the Gardner D. Stout Hall of the Peoples of Asia to honor the Museum's immediate past president.

Mr. Stout's highly successful presidency culminated in his raising one million dollars for the new hall of Asian peoples, an amount which will substantially cover the cost of mounting its richly varied and exquisitely detailed exhibits on a myriad of Asian cultures.

Robert G. Goelet, Museum president, was especially pleased at the trustees' directive. "In view of Mr. Stout's dedication to this Museum for so many years," Mr. Goelet told GV, "and his particular interest and labors on behalf of the Asian hall, it is eminently suitable to attach his name to it."

With this, all Mr. Stout's Museum friends and other well-wishers heartily agree. □



Gardner D. Stout

MUSEUM ATTENDANCE UP DURING BUSY FALL SEASON

We must be doing something right! GV has just received some exciting, but not totally unexpected, statistics. Museum attendance for the months of September, October and November (December figures were not yet available) increased by nearly 82,000 people, or about 40 percent, compared with attendance for the same three-month period in 1976. In November alone, attendance rose by nearly 60,000, or about 40 percent, compared with figures for November of the preceding year.

These figures have a dollar value. For the three fall months of 1977, total revenue generated by admissions increased by over \$100,000, or approximately 50 percent more than the same period in 1976. For November alone, revenue increased by over \$42,000, or also about 50 percent.

As we mentioned earlier, these figures are not unexpected. According to Museum Director Thomas D. Nicholson, "It was a busy fall here at the Museum, perhaps the busiest we've had in several years in terms of exhibitions and special events. Our commitment to innovation and variety is bringing the Museum more and more to the public eye. People are discovering that

there really is something for everyone here, and we are attracting a broad spectrum of metropolitan-area residents as well as a substantial number of tourists."

One important factor that has helped increase attendance is the Museum's expanded promotion program. Last fall, in order to develop new audiences, the Museum released a series of radio, television and print ads to announce upcoming events. The Museum was encouraged to conduct this campaign by a Federally-funded program designed to provide special assistance to institutions which successfully generate new income. To date, AMNH has received some funding from the National Endowment for the Humanities under the challenge grant (see GV, Dec. 1977), whose purpose is to help the Museum increase membership and develop a broader base of private support.

An increase in New York City's tourism may also help account for the sharp increase in attendance. The tourist business in 1977 surpassed that of 1976, which was the biggest since 1969. According to experts, this upsurge in tourism is due to a change in New York

continued

City's attitude about itself. Charles Gillett, president of the Convention and Visitor's Bureau, believes "There is a growing pride in the city on the part of New Yorkers."

One of the things New Yorkers have to be proud of is this Museum, and last fall, natives and tourists visiting it had a great variety of events to choose from. The season began with the Margaret Mead Film Festival, a five-day extravaganza of anthropological films and special activities. The festival, hailed as the largest and most successful event of its kind, drew over 20,000 people in one weekend. The season's next event was the opening of the highly-acclaimed temporary exhibition, "Peru's Golden Treasures," which had drawn, by mid-December, about 125,000 viewers.

The five-day retirement party the Museum threw for Dino the Dinosaur, Macy's Thanksgiving Day parade balloon, was the next event in a line of fall crowd-pleasers. The giant green brontosaurus delighted thousands of children and increased attendance by about 85 percent over the Veteran's Day weekend.

Perhaps the most important moment last fall occurred on November 18, when the Museum's long-awaited Hall of Reptiles and Amphibians opened to the public. The Hall, the most comprehensive of its kind anywhere in the world, took six years and a lot of painstaking work to create. It is fast becoming one of the Museum's most popular permanent attractions.

A number of other, smaller events have also helped attract crowds. Performances by the All Nations Dance Company, the Case Men's Glee Club, Tahuantinsuyo, the Mitchell Korn Ensemble and the Yueh Lung Shadow Theater, as well as Exhibits of the Month, including "We've Been Here A Hundred Years," "Azurite and Gold," the Origami Holiday Tree and a display in the Rare Book Room on reptiles and amphibians, have all delighted Museum-goers.

When GV spoke with him about the upsurge in Museum attendance, Museum President Robert G. Goelet had a word of praise for all employees. "It is really pleasing," he said, "to observe the courteous and helpful attitude of the staff and volunteers when dealing with our visitors. A visit to this Museum is an important cultural experience, and it can be made much more enjoyable and rewarding if those familiar with it are willing to share their knowledge." □



Hundreds of personnel are responsible for the increased popularity of the Museum and its exhibitions. Here are just a few of them:

Above: Frederica Leser, Exhibition, cleaned the teeth of this alligator before it was put on exhibition in the new Hall of Reptiles and Amphibians.

Below: Malcolm Delacorte, Anthropology, and Judith Eisenberg, former volunteer, carefully renovated one of the priceless Paracas mantles now on display in "Peru's Golden Treasures."



MRS. RICHARD DERBY DIES

Mrs. Richard Derby, daughter of the 26th President of the United States and honorary trustee of the American Museum of Natural History, died at her Oyster Bay, L.I., home on Dec. 10 at the age of 86.

Ethel Roosevelt Derby was actively interested in the work of the Museum over a period of many years. She was first elected to the board of trustees in 1952, the second woman ever to hold that position; she was named an honorary trustee in 1965. Mrs. Derby was also a member of the Theodore Roosevelt Memorial Committee since it was established in 1936, when the Theodore Roosevelt Memorial Building was opened.

Mrs. Derby represented the third generation of her family to serve on the Museum's board of trustees. Her grandfather, Theodore Roosevelt, was elected a member of the first governing board when the institution was founded in 1869 and served as a trustee from 1886 until 1891. Two of her brothers, the late Theodore and Kermit Roosevelt, also served on the board.

At a recent meeting of the management board, a resolution recorded the trustees' deep sense of loss "of a greatly loved and respected lady," and stated "Mrs. Derby's life-long interest in the Museum and her concern for the world and its people enriched the lives of all who knew her."

MARGARET MEAD FUND MAKES PROGRESS

In December, 1976, the Museum launched its capital campaign for the Margaret Mead Fund for the Advancement of Anthropology. The goal of the fund is to raise five million dollars over a three-year period to support a curatorship in honor of Margaret Mead, to curate large portions of the Museum's existing anthropological collections, and to relocate the Hall of the Peoples of the Pacific. In order to create a wide base of support, the campaign has three major phases: a direct mail appeal to individuals, an appeal to foundations and another to corporations. Thomas J. Watson, former chairman of the board of IBM, serves as chairman of the drive.

Two special events connected with the Mead Fund—Dr. Mead's 75th birthday party and the fall film festival—helped to popularize the campaign, and the response of individuals has been especially warm. The direct mail phase of the campaign has generated over \$19,000 and has added some 800 new donors to the Museum's contributors' files. This phase will continue throughout 1978; the returns already indicate that this effort is international in its appeal.

At the end of its first year, the Mead Fund drive has raised just short of one million dollars. Plans are now near completion for the foundation and corporate appeal drives, which are expected to generate the additional four million dollars needed to meet the goal.□

HARRY L. SHAPIRO HONORED

Harry L. Shapiro, curator emeritus in Anthropology, was the recipient of the New York Academy of Sciences Award at the Academy's 160th annual meeting held in the American Museum-Hayden Planetarium on Dec. 8. Herbert J. Kayden, president of the Academy, presented a Certificate of Citation and \$1000 to Dr. Shapiro for his "outstanding contributions to science and his interaction with society."

Dr. Shapiro, a physical anthropologist, is one of the leading figures in the study of racial mixture and the adaptation of human populations to their environments. He has been affiliated with the Museum since 1926, and in 1942 he was named chairman of the Dept. of Anthropology, a post he held until his retirement in 1970. Dr. Shapiro maintains an office at the Museum and continues his research and writing.□

COMMITTEES HOLD ANNUAL DINNER

On December 5th, the Women's and Men's Committees of the American Museum held their annual dinner in the Hall of Northwest Coast Indians. Despite freezing rain and numbing cold, nearly 550 people turned out for this event, which was an end-of-the-year thank-you to the committee members for their work on behalf of the Museum this year. In addition to members and their guests, more than 100 participants of Discovery Tours attended. Following dinner, a film, "The Darwin Adventure," donated by a member of the Women's Committee, was shown in the Auditorium.

The Women's and Men's Committees, chaired by Mrs. Carl Ulstrup and Daniel Ward Seitz respectively, are made up of people who give generously of their

time and energy to generate interest in, and support for, the Museum and its programs. Aside from the annual appreciation dinner, the committees sponsor a number of other events each year. For 1978, the newly-formed Junior Committee has planned for January 26 a special party, "Under the Whale," in the recently-refurbished Hall of Ocean Life. And on April 27, the annual "rites of spring" event, this year in honor of Teddy Roosevelt, is expected to attract about 2000 people.□

ALWAYS NICE TO HEAR

Dear Membership Secretary:

My husband, teen-age son and I have just returned from a splendid afternoon at the Museum, the highlight of which was the behind-the-scenes tour [given for members on Oct. 16].

I want to commend the Museum for the way it was handled. Your representatives, from volunteer guide to learned scientists, were delightful. (I am only sorry that we did not learn all of their names.) They each displayed irresistible enthusiasm for their work and the institution; you couldn't have better p.r. It was a privilege to meet them. The Museum itself is an old friend, and beloved.

Sincerely,
Dulcianne Vye
Durham, Conn.

DR. DOS PASSOS CELEBRATES 90TH BIRTHDAY

At its Nov. meeting, the management board extended its appreciation to Cyril F. dos Passos, on the occasion of his ninetieth birthday, for the 41 years of continuing contributions he has made to the Museum. Dr. dos Passos has been a research associate in the Dept. of Entomology since 1936. In addition to his contributions to science, especially in relation to his work on butterflies, Dr. dos Passos has made important donations of various butterfly collections as well as funds necessary to bring scholars to work on the Museum's collections of butterflies and moths. Congratulations and best wishes are extended to Dr. dos Passos by all his friends and colleagues.□

RICHARD WILLIAMS, LIFE MEMBER, DIES

A Museum life member, Richard F. Williams, died last year at the age of 101 and eight months. His daughter, Muriel Williams of Montclair, N.J., wrote Museum President Robert G. Goelet of the affection Mr. Williams, an ardent amateur naturalist, had for the Museum: "You will be pleased to know that we still have my father's certificate of life membership dated Jan. 20, 1904, and signed by President Jesup and Secretary John H. Winsor. It is very handsome, and he took good care of it.... Dad was proud of his Museum membership and through the years derived much pleasure from it.... Thank you and the Museum in general for your contribution to my father's happiness through the years."



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WAS EVERYBODY HAPPY?

Well, yes! The December Children's Christmas Party, sponsored by the Museum and coordinated by Ernestine Weindorf, *Natural History*, was a smash hit, as can be seen by these photos of some of the younger merry-makers:

1. Sheldon McKenzie, 9, nephew of James McGinty, Building Services
2. Viki Sala, 2, cousin of Irving Almodovar, General Services
3. John Hackett 3rd, 4, grandson of John Hackett, General Services
4. Maria Melito, 18 months, niece of Salvatore Melito, Building Services
5. Akil, 5, son of Bayyinah Bello, Public Affairs
6. Richard, 7 months, son of Philip Mequia, Heating and Refrigeration
7. Lawrence Weindorf, 5, nephew of Ernestine Weindorf, *Natural History*
8. Anthony Blake, 17 months, nephew of James Blake, General Services
9. Robin, 2½, daughter of Lawrence Van Praag, Projection
10. Amy, 3 months, and Tracy, 5, daughters of Michael Rapkiewicz, Projection
11. Bianca, 4 months, daughter of Frank Chimenti, Paint Shop
12. Tina, 9, daughter of Vito Melito, Building Services

Administration: An intra-Museum seminar on the regulations and permits pertaining to the collection and transportation of animals in the wild was held at the Museum in December. More than 60 Museum scientists and representatives from the Education and Exhibition Depts., as well as members of the Fish and Wildlife Service, attended the one-day meeting to learn more about current requirements in this field.

Anthropology: Lauren Archibald and Nazarie Baptiste have now been secys in the dept. for a year. Their hobbies? Playing darts and shooting pool!

Building Services: Efrain Rodriguez and Vincent Szczepaniak are the new handymen.

Dep. Dir. for Research Office: Diane Menditto, admin. asst., previously worked at Rockefeller Univ. She is interested in horseback riding and skiing.

Development and Public Affairs: Garnett Gbamokollie is the new clerk, and Barbara McCaw the new clerk-typist.

Exhibition and Graphics: Dennis O'Brien is the new part-time preparator, and Vicente Morales the new principal artist.

General Accounting: Audrey Yuille has been promoted to machine bookkeeper; Sylvan Stoner, the new clerk, has transferred from the Museum Shop.

Heating and Refrigeration: Peter Kanyuk and his son, Mark, returned last fall with a large buck from near their home in the Catskills.

Herpetology: In December, Richard G. Zweifel, chm., attended a meeting of herpetologists at the Univ. of Michigan on computer cataloging of herpetological collections and saw a demonstration of the NSF-sponsored system now operational there. He reports having improved his appreciation of the problems and potential benefits of computerizing catalogs.

Ichthyology: It has been announced that Michele (Ichthyology) and Ron Coldiron (Vert. Paleo.), both graduate students, are attempting to demonstrate that ontogeny recapitulates phylogeny. The dept. wonders whether the offspring will be a pink ichthyologist or a blue paleontologist!...Gareth J. Nelson and Donn E. Rosen participated in the December meetings in Toronto of the Society for Systematic Zoology. Dr. Rosen is immediate past pres. of the society....George Dale, graduate student, who has been working with C. Lavett Smith on cardinalfish research, has successfully completed examinations for his doctorate.

Invertebrates: Adrienne Barnes is the new secy.

Library: Ermine Jones is the new sr. clerk, and Jessica Bloom the new part-time library asst.

Mammalogy: Karl F. Koopman attended the recent North American Bat Research Conference in Ottawa, where he received the Gerrit S. Miller Award in recognition of his outstanding research in the biology of bats....Last fall, Guy G. Musser, Archbold Curator, lectured on his field trip to the Celebes to junior college students in Rochester, N.Y. He later spent two weeks at the Smithsonian's National Museum of Natural History, studying rats and mice in the collections there....Helen M. Ellis is the new secy. for Archbold

Expeditions, Inc., within the Dept. of Mammalogy.

Museum Shop: The new employees in the shop are: Anne Shapiro, book buyer; Saundra Mack, full-time sales asst.; Kathy Klein and Ernestine Hurt, part-time sales assts. Minerva Rivera is now a full-time sales asst., and Beverly South has been promoted to sr. sales asst.

Natural History: Louis Bilka is the new business manager, and Mary Stiles is the new membership asst.

Planetarium: Egbert Thomas is the new attendant-guard.

Volunteer Office: James P. Cohen showed some of his pottery at the West Side YMCA's Christmas Pottery Sale. Several of his pieces were influenced by the sedan chair in Anthropology which he is helping to restore; a pottery dragon was rated particularly exciting. □



How do you clean an elephant? You can get all the fascinating details from three CETA employees working in Building Services, who had that duty to perform in December. Those Akeley Hall behemoths never looked better! Stanley Lawrence, upper left, and Claude Trahan, bottom center, are shown busy at work; their fellow-scrubber, Jose Rangel, must be hidden behind those flapping ears.



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AMNH GETS MAJOR ATTRACTION IN 1979

"Pompeii AD 79," a popular European exhibition of art and artifacts from the doomed city, will appear here next year. The exhibition will begin its national tour at Boston's Museum of Fine Arts this April and, after visits in Dallas and Chicago, will be shown at the AMNH from April through July, 1979. Its location will be in Gallery 3. A sister exhibit on volcanos will run simultaneously, and film and education programs will also be developed.

The exhibition broke attendance records when it appeared in Copenhagen and London last year, and it is already attracting media attention in this country. All the American host museums are anticipating large crowds. For the AMNH — with the Hall of the Peoples of Asia and "Pompeii AD 79" — its certain that 1979 will be another winner.



MUSEUM WEATHERS TWO BIG SNOWS WITHOUT MAJOR INCIDENT

In the midst of the two snowy dramas that captivated millions of New Yorkers in recent weeks, the AMNH stood out as a relatively calm island of slow, steady activity.

About a third of the Museum's 525 regular employees managed to get to work on Jan. 20, the day of the first big snow. Slightly less than a third worked at least half a day or more.

Building Services employees, faced with the arduous task of snow clearance in addition to their regular duties, met the snow emergencies "courageously and effectively," according to Thomas D. Nicholson in a special director's letter to all employees congratulating the department.

"While many of us remained home in relative comfort, and others—who did struggle in—were relatively warm and comfortable in our offices . . . not so with Building Services," he wrote. "They were outside operating snow throwers and plows, and spreading sand under harsh conditions. I am very proud of them!"

According to Charles Miles, manager of Building Services, his department got a little help from some friends. Carl Hilgers and Joseph Colombo of Construction and Maintenance, as well as John Maloney of Education, helped out

during both snows by repairing equipment and making "gas runs" to keep the snow plows and throwers fueled. Lauren Archibald of Anthropology contributed some much-needed elbow grease during the second snow of Feb. 6-7 by helping to shovel off the Central Park West plaza and steps.

There were a few unpleasant results of the snow. Coordinator of volunteers Miriam Pineo took a spill and broke two wrists. Others suffered colds, chills and just plain aggravation.

Perhaps the only people who completely and thoroughly enjoyed the snow were the romantics, of which there are not a few at the Museum. They were the ones who walked to work with pleasure, frolicked in the snow during the lunch hour, and passed many a happy evening developing countless rolls of film in their darkrooms.

And, last but not least, there was artist Gerry Lynas, a West Side neighbor, who celebrated the end of the snows by building a magnificent 26-foot mammoth on the 77th street lawn. His ice sculpture drew throngs of bystanders and as GV went to press, the beast was still standing, as yet unmelted by the slowly warming temperatures of early March.

PLANETARIUM TECHNICIANS MAKE MAGIC WITH MACHINES

If you were given the task of creating the illusion of a giant space ship hurtling through space, a meteor shower, or even the image of falling snow, how would you do it? The American Museum—Hayden Planetarium's four skilled technicians, Jack Ng, Joseph Maddi, Joseph Doti and Alfred Doo, routinely solve such complex engineering problems as part of a day's work. It's their technical expertise and ingenuity which produce the miraculous phenomena that visitors see on the Planetarium's vast domed ceiling, including shooting stars and comets.

"It's mostly done with slides," chief technician Jack Ng says, "although I know it sometimes looks like magic. We spend a great deal of time tinkering with equipment and building unusual machines to achieve just the right effect."

To say that the technicians spend a great deal of time working with machines is something of an understatement. Their offices in the Planetarium's cavernous basement are filled with every conceivable type of equipment, some familiar and some quite unusual. One machine is used to rotate a slide while it is being projected, which creates the effect of a rapidly-moving spacecraft or a falling star. Another rotating machine is covered with tiny mirrors, which reflect and multiply the image of a single rock to create the illusion of a vast meteor shower. To produce lightning, the four have ingeniously linked a strobe attachment to a slide

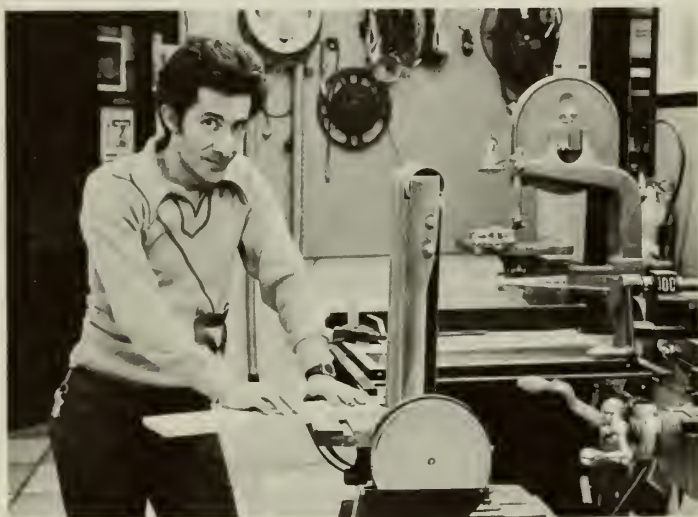
projector. The strobe is automatically triggered each time a slide of lightning is projected on the dome, creating a pulsating effect.

"Snow is a little harder," says Al Doo. "We built a machine which is really a moving cylinder containing a light source. The cylinder is attached to a large piece of plastic with many perforations. The rotating light is projected through the holes, creating a diffused, falling effect, in other words, snow."

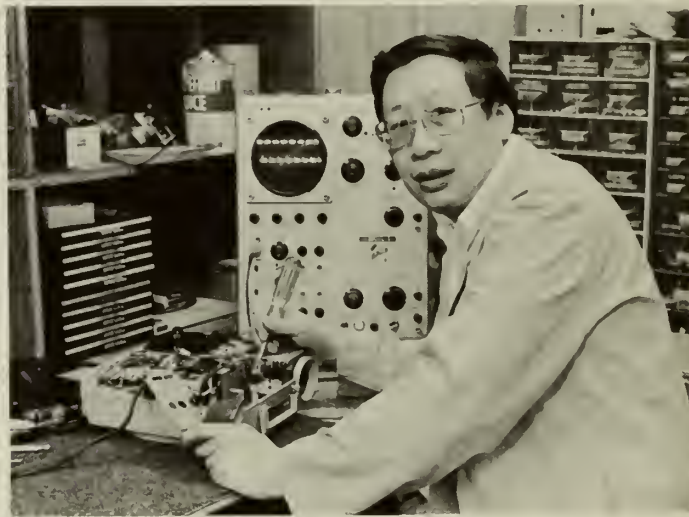
The technicians have 52 slide projectors at their command, capable of projecting over 4000 slides per show. Six special-effects banks and a complicated control console give them the potential to create over 700 special effects in any performance. During the show, all this gadgetry is at the command of only one technician, who makes everything happen on cue. The famous Zeiss projector, which reproduces the natural sky, is operated by one of the Planetarium's lecturers.

Each technician does about six Sky Shows per week. They spend the rest of their time on repair and maintenance of equipment, and on figuring out new ways of making special effects.

"One question we are commonly asked," says Jack Ng, "is how we make everything happen precisely at the right moment." The answer lies in another gadget, of course. The sound track for each Sky Show is marked in various places with aluminum foil. The foil creates a beeping sound as the tape runs through the tape deck. Each beep



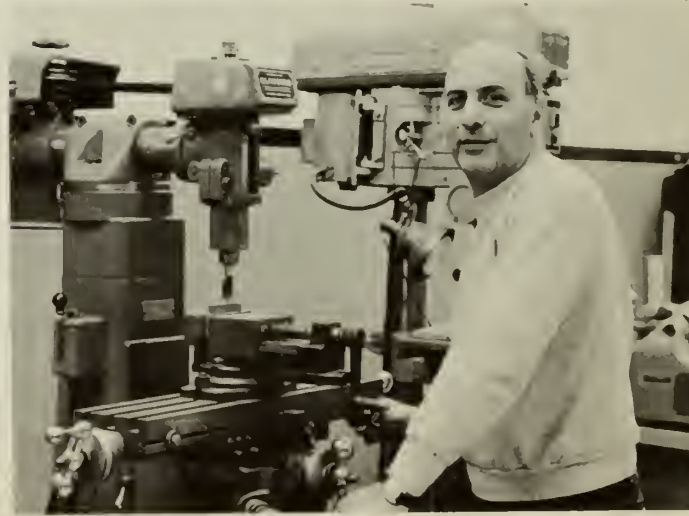
Joseph Doti



Jack Ng



Alfred Doo



Joseph Maddi

means it's time for another effect.

The four technicians' daily routine was made more complicated this past fall by the installation of an entirely new and more sophisticated projection system. They themselves spent several weeks rewiring the dome to accommodate the new system, and even now, they are continually refining and improving on it, learning to operate it to maximum advantage.

"The new system has taken some adjusting to," says Jack Ng, who also indicates that a thorough knowledge of electronics is a prerequisite for a job such as his. Mr. Ng has been with the Museum for six years. He loves creating things and "just tinkering." "In private industry," he says, "you don't often get to see the end results of your work, as you do here."

Mr. Ng lives in New Hyde Park, L.I., with his wife, Hang, and their four children, Debbie, 15, Keith, 13, Kirk, 11 and Kent, 6. In his spare time he remains close to his profession, repairing radios and other small machinery, doing carpentry and generally working with his hands.

Joe Maddi has been on the job for four years and enjoys his work immensely. "Every show presents a different problem, and we're constantly working to create new effects," he says. A city person at heart, he and his wife, Virginia, son Joseph, 5, and daughter Virginia, 11, moved several years ago to a house in Hauppauge, L.I., and they love it. "Unfortunately," says Mr. Maddi, "owning a home doesn't give me much spare time, after I've finished with repairs and commuting. But it's all worth it."

Joe Doti has been with the Planetarium for about nine months. "I love building things," he says. "The job requires a lot of technical skills and a lot of creativity. It's interesting, and it keeps me moving fast."

Another commuter, Mr. Doti and his wife, Jeanette, sons Anthony, 14, and Joseph, 9, and daughter Francis, 5, are residents of Holbrook, L.I. Mr. Doti also doesn't have much spare time, but whenever he can, he likes to tinker with cars and build things for his house.

The newest member of the Planetarium's team of technicians is Al Doo. Mr. Doo has been on the job for two months and is still learning the ropes. "I'm getting much better at operating the console," he says. "The first time I tried it I had to really keep on my toes in order not to make mistakes."

Mr. Doo lives in Jackson Heights, Queens, with his wife, Judith, and three children, Derek, 8, Doreen, 7 and Bryan, 5. He loves all sports and tries to exercise whenever he can. Mr. Doo agrees with his colleagues when he says: "There's really no other job like this one. I enjoy the challenge, and the sense of accomplishment."

TWO LONG-TERM EMPLOYEES RETIRE

Two employees whose combined years of Museum service total more than eighty retired recently. John J. Hackett, manager of General Services, retired on March 3, and Raymond H. deLucia, chief preparator in Exhibition, said farewell on Feb. 11. Both had major responsibilities in the Museum, and both will be sorely missed.

Johnny Hackett arrived on the scene in 1937 as a "jack-of-all trades." He began work in the Mail Room in 1952, and in 1972 was promoted to manager of General Services.

He and his wife, Margaret, along with daughter Anne, a schoolteacher, live in Ridgefield Park, N.J. What will he do in

retirement? "First of all," Mr. Hackett told GV, "I'll fix up the house, sell it, and move out to clean air." Repairing the house should be easy for "putterer" Hackett, who "can fix everything but can't say how I do it."

Son Jack Hackett, Jr., and wife Donna, have two of the most important things in Mr. Hackett's life — grandchildren John III, and Kerri. Working at the Museum was also important to him, and as a sign of his Museum friends' affection and esteem, more than 50 turned out for a gala party in Mr. Hackett's honor.

On Feb. 11, Ray deLucia retired. Forty years ago, Mr. deLucia was offered a job with the prestigious Walt Disney Productions, but he chose instead to work for the Museum.

Mr. deLucia has had a hand in most of the Museum's current major halls, and not a few temporary exhibitions. His most recent artistic endeavors can be seen in the Hall of Reptiles and Amphibians and the upcoming Hall of the Peoples of Asia, scheduled to open in the fall of 1979.

Mr. deLucia's major hobby is collecting scrimshaw and other whaling artifacts. He and his wife, Elizabeth, plan to travel extensively in the South Seas. In the spring, a party in his honor will be given by department colleagues. Meanwhile, affable Mr. deLucia's many Museum friends wish him health and a happy retirement.

ANDREW DE SANTIS AND SEYMOUR COUZYN

In January, two Exhibition Department principal preparators, Andrew de Santis and Seymour Couzyn, died after brief illnesses. Their tragic loss is deeply felt by those who were privileged to work with them, and by the entire Museum family.

Andrew de Santis joined the Museum staff in 1964. He was extremely skilled in casting techniques and mold-making, and was the department's source for three-dimensional lettering throughout the Museum. In addition to these specialties, he was a skilled preparator who could perform any job requested of him. Mr. de Santis's diverse skills are reflected in the Reindeer Tungus Group and the full-size replica of an Islamic gate which are featured in the upcoming Hall of the Peoples of Asia.

Mr. de Santis leaves a wife, Jean, and son, Cajetan.

Seymour Couzyn, a member of Exhibition since 1968, was the department's expert in fabricating items out of plexiglass, from the small containers used by cashiers for admission buttons to the maxi-container for the famed army ant exhibit a few years ago. For the Hall of Reptiles and Amphibians, Mr. Couzyn helped cast the live python at the Bronx Zoo, mounted large skeletons on plexiglass and made casts of a variety of other animals. He also sculptured replicas of the busts of Ghengis Khan and Alexander the Great, among others, for the new Asian hall.

Mr. Couzyn leaves a wife, Juliette, and two children, Paul and Lelia.

Several members of the department took the time to write GV moving tributes to Mr. de Santis and Mr. Couzyn. Perhaps these can best be summed up by William Fish's. "They are both missed, and nothing or no one will ever replace them."

A WHALE OF A GOOD TIME WAS HAD BY ALL



More than 700 people between the ages of 20 and 35 attended the Museum's gala Junior Committee party on Jan. 27. Held under the giant whale in the Hall of Ocean Life, the spectacular party was a smashing success, and party-goers danced well into the night to the strains of Michael Carney and his orchestra.

HERE AND THERE

Animal Behavior: Ethel Tobach spoke on "Gender Dehumanized" at Wellesley College's Forum on Sociobiology in February.

Anthropology: Robert Rowan and Susan Bierwirth are the new curatorial assts. I, and Paul Beelitz the new curatorial asst.II.

Archbold Biological Station: Jolene Peoples is the new sr. secy.

Building Services: Frank P. Masavage and Robert Blake were recently voted honorary life members of the Museum by the Board of Trustees in recognition of their 25 years of Museum service. . . . Thomas Duckett and Edward Haubrich are the new attendant guards and Rama Mohan Eachempati is the new valet.

Controller's Office: Barbara Diop, sr. secy. on leave, and her husband Fally had a son, Pape Ibhira, on Feb. 15. . . . Iris Pabon is the new sr. secy.

Development and Public Affairs: Bayyinah Bello has been promoted to develop. and public affairs asst. . . . Sharon Timmons is the new sr. secy.

Director's Office: Jacqueline Phelps is the new sr. secy.

Education: The dept. has several new part-time teaching assts. They are Charles Bergengren, Katherine Brune, Estela Vazquez, Catalina Ramirez, Gayle Potter, Afeworki Paulos and Joaquin Moon-in-Fire. The new Museum instructors are Nancy VanVranken, Wali Pasha and Lynn Sweeney, and the new sr. secy is Claudia Sageser. Marcia Finley has been appointed African-American community program coordinator. Kenneth Chambers has been promoted to coordinator for adult projects.

Entomology: Beatrice Brewster gave a recital in early March at St. Peter's Episcopal Church in Manhattan. To the piano accompaniment of Thomas McNally, Soprano Brewster sang "Songs of Love and Nightingales." . . . Adelaide Vernon has been promoted to sr. technician.

Exhibition: On Dec. 28, Denis Prince had a baby girl, Zoe. She and husband Ben also have a son, Yohance. . . . Elizabeth Donnelly is the new intern.

General Services: Paul Vann was on television in February. He appeared with the choir of the Canaan Baptist Church, which performed for Gabe Pressman's "Religion in America" series on Channel 5.

Graphics: Linda Prior is the new sr. artist.

Herpetology: Michelle Coxé Blitz, former biblio. asst., had a baby girl, Amy, last Dec. 19. Congratulations to all, including Uncle Jim in Photography.

Ichthyology: Welcome back to: Victoria Pelton, recovered from her illness; to C. Lavett Smith and Richard Deneau, who spent a warm month east of the Galapagos and nearly wound up in jail (as illegal aliens!); to Donn Rosen and Michele Coldiron, who studied zoogeography in Edmonton; to Lynne Parenti, who visited the Academy of Science in California, and to Richard Vari, back from London for awhile. . . . Dr. Smith, a former president of the NY chapter of the American Fisheries Society, attended that organization's annual meeting in Marcy, NY, accompanied by Marjorie and Jerry Platt and Carol Hutchings.

Invertebrates: Welcome back after surgery to Roger L. Batten. . . . William K. Emerson has been elected a member of the Steering Cte. of the Council of Systematic Malacologists. . . . William E. Old, Jr., was elected an honorary lifetime member of the Broward Shell Club, in recognition of his "extensive contributions to the science of conchology."

Library: New employees are Ruth Brenowitz, p/t librarian; Harry Hopkins, Mary Waller and Santo Mollica, p/t library assts., and Eugene Joell, clerk. Ann Bartholomew has transferred from the Museum Shop to become a p/t library asst. Ermine Jones has been promoted to sr. clerk.

Maint. and Constr.: The new painters are George Clarke and Jerome Wilson.

Mammalogy: Shirley Chiu is the new curatorial asst. III; Nancy Neff the new curatorial research intern, and Margaret Henry the p/t biblio. asst.

Micro Press: The new editor is John Van Couvering. Dreena Covelli is the new sr. clerk.

Museum Shop: New p/t sales assts. are Barbara Haynes, Jeannette Ruiz, Anthony Chionchio and Erika Rivadeneira.

Natural History: Rebecca Finnell, former membership secy., is now asst. copy editor.

Ornithology: The Wesley Lanyons gave a dinner party in celebration of Groundhog Day for the entire dept. . . . Mr. and Mrs. Gardner D. Stout, Mr. and Mrs. James C. Greenway, Jr., and Dr. and Mrs. Francois Vuilleumier are doing fieldwork in New Caledonia. . . . Lester L. Short was a guest lecturer on the Museum-sponsored Nile cruise in February. He and Eugene Eisenmann attended an American Ornithologists' Union meeting in Kentucky in early January; they are both on the AOU Cte. on Classifications and Nomenclature. . . . Dean Amadon spent a month at the Archbold Biological Station.

Personnel: Norene Brooks is the new personnel asst.

Planetarium: Jose Torres is the new attendant guard, Alfred Doo the new technician, Veronica Walters the new p/t sales asst. in the Planetarium Shop and Edgar Murga the new p/t rental clerk. Francine Oliver has been promoted to sr. secy.

Photography: Arthur Singer, James Coxé and Peter Goldberg, along with Exhibition's Eugene Bergmann and Rose Wadsworth, were hosts at a seminar of the American Society of Picture Professionals. Participants learned how Exhibition uses photographs, and were shown examples of work done by Photography staff.

Vertebrate Paleontology: Elizabeth Oswald is the new scientific asst.



"ICE AGE ART" TO RECREATE WORLD OF CRO-MAGNON MAN

Why did early man paint cave walls, fashion beautiful sculptures out of stone, and engrave intricate, abstract designs in ivory? No one today is certain why, but there is no question that what we think of as the first art made a rather sudden and dramatic appearance approximately 35,000 years ago.

Produced by Cro-Magnon man, our first truly human ancestor, this art is characterized by a boldness and simplicity that is often reminiscent of certain forms of realism and modern art.

Cro-Magnon man, who followed Neanderthal man in the long course of human evolution, reproduced much of the world around him for about 25,000 years, or until some 10,000 years ago. During this time span, known as the Upper Paleolithic, he drew and painted the great number of animals that roamed prehistoric Europe and depicted plants, rivers and changes in the seasons as well. He also left behind some portraits of himself and a mysterious series of symbols in the form of dots, grids and other markings that

have yet to be deciphered. Many scientists believe, however, that they—as well as Cro-Magnon man's representational art—are related to what appears to have been a rich and complex spiritual system.

The many facets of Ice Age man's world and world view will be presented in a major exhibition opening at the Museum on May 24. The long-awaited exhibition is the most comprehensive on the subject of Cro-Magnon man's art and environment that has ever been shown in the U.S.

Many long months have been devoted to the exhibition's planning and execution by Margaret Cooper and Henry Gardiner. Last fall, Mr. Gardiner went to France to see the fa-

This magnificent statue of a horse is the earliest known example of sculpture. Fashioned from mammoth ivory approximately 30,000 years ago, it was found in an area of southern Germany for which it was named: Vogelherd.





A Cro-Magnon artist carved this baying stag on a reindeer antler some 13,000 years ago in the region of Les Hoteaux, France.

mous caves at Lascaux and Niaux. He returned to begin a series of intense creative meetings with Ms. Cooper and Alexander Marshack, a research associate at the Peabody Museum, Harvard, and the scientific consultant for the exhibition.

The result of their efforts is expected to be one of the Museum's most popular and interesting shows, drawing as it will on a wide range of original materials, priceless casts, photomurals and mini-environments, one of which will re-create a typical cave entrance in southwestern France.

There will even be a huge painting of the famous Altamira cave ceiling in Spain, slated to be stretched across a frame on the ceiling of one section of the exhibition. The painting was made in 1937 for the Frobenius Institute in Frankfurt, but ended up at the Museum in 1938. It has never before been exhibited. "Ice Age Art: The Beginning of Human Creativity" will also feature another Museum treasure, unearthed in recent months by Barbara Conklin in Anthropology. It is an original petroglyph, or inscription, of a horse carved in rock. The large section of rock was removed from the abri, or rock shelter, at Sergeac in the Dordogne and brought to this country in 1912 by Henry Fairfield Osborn.

For this exhibition, the Museum received a grant from the National Endowment for the Humanities, a Federal agency.

ASSOCIATION OF SYSTEMATICS COLLECTIONS NAMES DR. NICHOLSON PRESIDENT

This year, AMNH director Thomas D. Nicholson assumes the presidency of the Association of Systematics Collections, an organization he helped form in the early 1970's to solve some of the problems involved in adequately maintaining zoological specimens. Although today the ASC is a major national organization with 65 members, it grew out of an informal yearly conference of twelve directors of museums with major systematics collections, all with common problems.

"We recognized that our collections were growing," Dr. Nicholson told GV, "especially since fewer institutions, universities in particular, were maintaining collections of their own. We were all facing the problems of lack of space and equipment, plus insufficient personnel to manage the collections in a responsible fashion. As a result of these inadequacies, our collections were not being used to their fullest potential by the scientific community at large, for whom they are a vital research tool."

For the American Museum, the question of collections management is crucial. The Museum has over 24 million artifacts and specimens; over 22 million of these are zoological specimens. No other institution anywhere has more birds, spiders, fossil mammals or whale skeletons. All these specimens must be stored in a systematic way, which involves careful planning, organization, recording, documentation, protection and accessibility. Although the importance of this objective has always been recognized, the AMNH and other similar institutions have in the past collected speci-

mens at a pace that far outstripped the resources allocated for their management. Now, however, they are turning more and more attention to collection maintenance.

The systematics collections at the AMNH are part of an essential national scientific resource. They are also a vital component in the Museum's exhibition and education programs. It is becoming increasingly evident that they serve a community far beyond the museum and systematics worlds. For example, scientists and environmentalists concerned with pollution and the depletion of natural resources must rely on systematics collections to study and assess the ecology of an area. The specimens of plants and animals they collect must be compared with documented specimens in existing collections for purposes of identification and to obtain other essential information about their natural history. Such data are necessary in assessing the impact of proposed changes on the ecological equilibrium of a particular environment. Systematics collections and their data similarly benefit agriculture, medicine, petroleum exploration, agriculture, law enforcement and many other areas of human concern.

Faced with a clear need for substantial additional funding for their collections, the founding members of the ASC (which wasn't formally incorporated and named until 1971) appealed to the National Science Foundation for support. Their arguments were apparently quite convincing. The NSF ordinarily allocates most of its funds in support of individual research projects, but it has also contributed substantially to the support of facilities and resources considered to be essential for science, such as oceanographic vessels, astronomical observatories and particle accelerators.

In response to the plea of the museum directors, the NSF acknowledged that systematics collections were an essential national resource in the science of biology, and in 1972, for the first time, it allocated money to a core support program for systematics collections. Since that year, the AMNH alone has received eight core support grants amounting to some three million dollars in total funds. These NSF grants have provided for personnel, equipment and supplies for improved storage, loan programs and for the organization and documentation of the biological collections. They are augmented by funds from the Museum's capital budget for construction expenses.

NSF grants made it possible to furnish and move collections into the Frick Building, to reorganize the bird collection and parts of the insect collection and to provide more effective storage and accessibility for the sea mammal collection. Current grants are being applied to collections in the Depts. of Invertebrates, Herpetology and Mammalogy, and new grant applications are pending for Ornithology and Vertebrate Paleontology.

"We are undergoing a national renaissance in collections management," Dr. Nicholson indicates, "largely because of the influence of the ASC. The greater number of visiting students and investigators using the Museum's collections, as well as the increased number of requests for loans from the collections, are a reflection of this trend. The ASC's goal, as well as my personal goal for the AMNH's collections, is to make these invaluable and irreplaceable materials more useful and more accessible to the community of scientists and scholars today and for generations to come."

As a footnote to this story, the Museum has also become increasingly concerned with the maintenance of its non-zoological specimens, such as the collections in the Depts. of Anthropology and Mineral Sciences. Although not yet eligible

for funding by the NSF (discussions, however, are being held with the appropriate divisions) the more than one million anthropological artifacts and 68,000 specimens of rocks, minerals, gems and meteorites, are currently being reorganized and documented. They will eventually be housed in new storage areas. The day is not far off when all of the Museum's collections will be efficiently organized, easily accessible and maintained at standards that will insure their long-range vitality. It is fair to say that the need for, and value of, collections such as ours can only increase with time. It is the Museum's responsibility not only to use them now, but to see that they are passed on to our successors.

NIGERIAN ART EXHIBITION OPENS IN APRIL

This unusual leopard hip mask comes from the Nigerian Kingdom of Benin, and dates from the nineteenth century. It probably identified the wearer as holding an important position of state. This mask, along with 124 other items dating from eighteenth, nineteenth and twentieth century Nigeria, is part of a special exhibition coming to the Museum for six weeks beginning Wed., April 19. Called "Nigeria: Art and Everyday Life," the exhibition features a selection of wood, bronze and ivory artifacts never before shown in the United States. The items range from small objects of personal adornment to larger items such as house posts and carved doors. After the exhibition leaves the Museum, it will travel across the country to other museums, beginning with Baltimore's Walters Art Gallery.





A view of the Southwestern Research Station in Portal, Ariz.

SOUTHWESTERN RESEARCH STATION RECEIVES 35-ACRE GIFT

Thanks to a generous donation from longtime natural history enthusiast Frank W. Preston of Butler, Pa., the Southwestern Research Station in Portal, Ariz., recently acquired 35 acres of land adjacent to its already existing 53 acres of nearly untouched terrain. The land was donated by Dr. Preston with the understanding that it be used to further the research and educational functions of the Station. At the same time, the strategic location of the new tract will help to insulate the Station's existing territory, insuring its continuance as natural land that can be carefully controlled, and, if necessary, manipulated for scientific study.

An engineer and glass technologist, Dr. Preston is also a conservationist and amateur biologist who visited the Southwestern Research Station for many years. In addition, he is an enthusiastic amateur ornithologist and author of numerous scientific papers on birds, corresponding regularly with the Museum's Department of Ornithology. His gift will be known as the Anderson addition, in honor of John "Scotty" Anderson, the Southwestern Research Station's first foreman. It was at the suggestion of Mr. Anderson that Dr. Preston first purchased the land, and the two struck up a friendship during Dr. Preston's visits.

At a recent meeting, the trustees of the AMNH passed a resolution thanking Dr. Preston for his generous gift, and elected him an associate founder of the Museum. It was a fitting tribute for a man who has been concerned with natural history for well over half a century.

The Southwestern Research Station is located in the Chiricahua Mountains, whose extremes of terrain (mountain peaks, deserts, canyons and grassy plains) foster an unusually wide variety of habitats that support a large assortment of plants and animals. Since the Station was established in 1955, it has attracted numbers of investigators, who

come to take advantage of the ecological diversity, the modern scientific equipment and the technical library. Although the Station itself comprises only 53 acres, the land accessible to investigators is actually much greater, including a large section of the Coronado National Forest.

The famous ice mammoth produced by artist Gerry Lynas during the waning days of winter. Mr. Lynas approached the Museum in early March with his unusual request to fashion a life-like mammoth out of the remains of the snow on the southwest lawn. Permission received, Mr. Lynas created this magnificent sculpture, and then went on to transform it into an equally-successful stegosaurus.



A "DINOSAUR FACTORY" ON THE FOURTH FLOOR

The Hall of Late Dinosaurs has recently become the scene of some unusual scientific goings-on. The Department of Exhibition's Museum Reproductions division, headed by Martin Cassidy, has set up a kind of "dinosaur factory" in the central island of the fossil-filled hall in order to make a replica of triceratops for the Buffalo Museum of Science. The work has attracted so much public attention that the Exhibition Department has turned it into a temporary exhibit called "The Making of a Dinosaur," which will run for most of this year.

The process of replicating triceratops is time-consuming and difficult, but Martin Cassidy and his crew of staff assistants and volunteers seem to have the situation well in hand. Every weekday morning at 10 a.m., to the delight of throngs of visitors, they resume work on the many operations involved in duplicating the huge dinosaur. At the same time, they answer questions and explain the processes to interested onlookers.

Triceratops is first being dismantled bone by bone. (Currently, only the enormous skull and attached vertebrae remain standing, because they are too delicate to be taken apart.) Each of the bones is then injected with a preservative to strengthen its core, a process that every dinosaur fossil in the Museum's exhibition halls must undergo at some point if it is to remain standing.

Next, the staff, many of whom are students receiving training in this highly unusual craft, prepares the fossils to receive a series of coats of liquid latex rubber. (It is this liquified rubber which accounts for the unusual smell permeating the hall these days.) After the rubber is brushed on a bone, it dries to produce a perfect cast of the original, one which can be used to make numerous replicas.

The replica for the Buffalo Museum will weigh over a ton and will be made behind the scenes later this year from the 100 or more latex rubber molds currently being prepared. The complete dinosaur recreation will be made from polyester resin and glass fiber, and will go to the Buffalo Museum in four parts, which can be reassembled in one afternoon. The replica will be so accurate that it will be used for scientific study as well as for display.

About 25 additional triceratops copies, selling for about \$11,000 each, can also be cast from the mold-in-progress.



Jeanne Kelley, Museum Reproductions, inserts clay material into triceratops' pelvic area to divide it into sections for easier molding.

They will be sent to museums and universities around the world upon request.

Triceratops is not the first dinosaur recreation successfully attempted by the Museum Reproductions staff. A few years ago, stegosaurus was duplicated in the same manner. Copies are currently on view in museums in Osaka and Saskatoon, Saskatchewan, among other places.

IN CASE OF EMERGENCY. . . .

Those of you who have waited long hours in the emergency room of Roosevelt Hospital for a minor cut or injury may be surprised to learn that there is a participating HIP and GHI center right near the Museum. The Edward K. Barsky Medical Group is located at 123 West 79th Street, near Columbus Avenue. The wait is minimal, but remember, you

must be a member of one of the two above-mentioned health plans to be eligible for treatment. If however, you are facing a major medical emergency where hospitalization is a strong possibility, go straight to Roosevelt Hospital, 428 West 59th Street, between Ninth and Tenth Avenues, where the most serious cases are given top priority.

HERE AND THERE

Anthropology: Laila Williamson is the new p/t curatorial asst. III.

Building Services: New attendant guards are Debra Adams, Roslyn Lambert, Guido Luberto and Kendall Robinson.

Cafeteria: Take-out service for a selected number of food items is now available to employees and volunteers.

Controller's Office: Fred Quijano is the new asst. to the controller.

Credit Union: CU president Jean Augustin announces that the AMNH Credit Union has paid a dividend at the annual rate of 7% for the past two quarters ending March 31, and it is anticipated that this very favorable rate will be continued. A word to the (money) wise is sufficient! CU hours are 12-1 every Tues. and Thurs. in their basement office.

Office of the Deputy Director for Research: Jerome G. Rozen, Jr., entered the hospital in early March to undergo surgery on his knee; he returned to work in April, leg in cast.

Education: C. Bruce Hunter has returned from leading his third Field-Study Tour, this one to South America and Easter Island. . . . Malcolm Arth, Florence Stone and two of Ms. Stone's assts, Terry Williams and Milbry Polk, attended the Conference on Visual Anthropology at Temple University. They viewed films for possible inclusion in the Museum's second Margaret Mead Anthropology Film Festival, planned for September.

Exhibition: Leanore Drogin has been promoted to principal preparator.

General Services: Joseph R. Saulina is the new manager of the division. He will continue to perform many of the duties he had as manager of the Photography Dept.

Herpetology: Ed "Trapper" Teller received the plaudits of the dept. for putting an end to the career of a giant rat that had been ravaging the dept.'s mouse food supply. Ed also received the mute thanks of the boa constrictor through whom the rat was recycled. . . . Richard Zweifel, wife Fran and daughter Nell spend a cool Feb. week on St. Catherine's Island, Ga., checking out the winter activities of the herp fauna. . . . Charles Myers and Janis Roze participated in a Feb. collecting and exploratory expedition to an isolated table mountain in southern Venezuela's upper Orinoco River country. . . . Retiree John Healy braved snowy weather to pay the dept. a visit.

Ichthyology: Donn E. Rosen was a presiding officer at the Symposium on the Impact of Federal Wildlife Regulations on the Systematics/Ecology Community held in Washington, D.C. He also made several presentations on zoogeography at UCLA and Lubbock, Texas. . . . James Atz lectured on "The New Systematics and the Old Physiology" in Rhode Island. . . . Gareth Nelson is welcomed back from his stay in Calif. . . . Graduate student Lynne Parenti is spending a few weeks at the British Museum of Natural History, and Guido Dingerkus departed with a package of stingrays in hand (live, you understand!) and, not unexpectedly, got a seat on the

plane to California's Steinhart Aquarium.

Invertebrates: Adrienne Barnes has been promoted to sr. secy. . . . Dorothy E. Bliss and Linda H. Mantel were appointed, respectively, editor-in-chief and section editor of "The Biology of Crustacea," a multi-volume treatise to be published by Academic Press. . . . Bruce N. Haugh and Norman D. Newell attended the Annual Northeastern Sectional Meetings of the Geological Society of America and the Paleontological Society in Boston. Dr. Haugh is the regional secy. of the Paleontological Society and helped organize a symposium on the origin and diversification of the earliest metazoan invertebrates. . . . In early March, William K. Emerson and William E. Old, Jr., hosted 40 members of the L.I. Shell Club on a behind-the-scenes tour of the dept. A similar tour is scheduled in May for the New York Shell Club. . . . Julia C. Kelley spent four weeks in Jan. at the Marine Biological Laboratory in Woods Hole, Mass., taking a course in terrestrial and aquatic ecology. . . . Sidney Horenstein and Harold Feinberg conducted several stimulating workshops on fossil and living invertebrates for the J.H.S. Natural Science Project. . . . Ernst Kirsteuer collected specimens of nemerteans at the Bermuda Biological Station for Research in Feb.

Library: Brenda Sanchez, on maternity leave, had a 10½-lb. baby boy, Manuel, on Jan. 28.

Mammalogy: Sydney Anderson, graduate students Gill Willis and Joerg Lotze and eight volunteers from Earthwatch, Inc., are conducting a three-month field study of raccoon ecology on St. Catherine's Island.

Museum Shop: Joyce Brett is the new sr. clerk; the new p/t sales assts. are Ann Commissiong, Liliane Farhi, Laura Moy, Varsha Patel and Caroline Rodriguez.

Natural History: Judith Giordano is the new supervising clerk, and Andrea Robinson the new membership asst.

Ornithology: Roger Tory Peterson was guest speaker at the annual Linnaean Society and centennial celebration, held in March at the Museum. John Farrand, Society secy., helped arrange the dinner. . . . Carl Edelstamm, from Sweden's Natural History Museum, is visiting the dept.

Photography: Arthur Singer and Peter Goldberg attended a seminar at the Rochester Institute of Technology on "Preservation and Restoration of Photographic Images."

Planetarium: The new attendant guards are George Ciccarelli and Arthur Wallace, and the new cashier is Dawn Stella.

Southwestern Research Station: Vince and Barbara Roth, on a six-week trip, visited the British Museum and fellow European arachnologists (including former AMNH arachnologist John Cooke). They also visited Barbara's family in Bavaria, where they participated in winter sports — a nice change for Arizonans!

Volunteers: Sarah Flanders spent an unusual Feb. vacation in Chile, Argentina, Easter Island and Patagonia. High spots of the trip included a picnic lunch in a rookery of six million penguins and visits to elephant seal and sea lion rookeries.



THE SAGA OF THE SOUTH END TOKEN BOOTH

For anyone who has known the frustration of being without a token when leaving work by the Museum subway entrance, there is welcome news. The token booth at the south end of the 81st Street IND station, just outside the Museum, is now open between the hours of 7:00 am and 6:00 pm.

The saga of the south end token booth is a long one, beginning in 1975 when it was feared that this booth would be closed altogether, as part of the MTA's economy measures. Quick action on the part of the Museum Administration and the cooperation of the Borough President's Office helped to avert so final an action. Instead, the MTA made an agent available at the booth from 7:00 am to 11:00 am, but access to the station from the Museum was possible (provided one had a token) from 7:00 am to 7:40 pm.

In the interest of convenience for both visitors and employees, the Museum urged the MTA to reconsider and increase the hours during which the booth was attended, citing increased Museum attendance and existing visitor traffic patterns as major reasons. Thanks to the persuasive powers of Dr. Nicholson and others and to the understanding and cooperation of the MTA, the saga has a happy ending . . . and an all-day attendant!

TROGONITIS IN ARIZONA

The following story is excerpted from an article entitled "Trogonitis in Southeastern Arizona" by Sally Hoyt Spofford, a research affiliate of the Laboratory of Ornithology, Cornell University. The article appeared in the Winter 1978 issue of the Laboratory's "Newsletter to Members." Dr. Spofford and her husband, Walter, live on a ranch at Portal, Ariz.

Vincent Roth, research director of the Museum's Southwestern Research Station at Portal, was one of the first people to see the spectacular bird discussed in the article, and it was he who first tentatively identified it as an Eared Trogon, a long-tailed, red-breasted exotic bird from Mexico.

On the evening of 23 October, Vincent Roth . . . burst into the mobile home of Bert and Millie Schaugency, where we were having a leisurely dinner. We had been talking about our efforts to insure protection of the wildlife habitat of Cave Creek Canyon. Vince, an entomologist, could barely contain himself with excitement. Rick Taylor, a free-lance writer and part-time employee of



An Eared Trogon with a madrone berry in its mouth was photographed by Alexander Clay last fall in Cave Creek Canyon.

the National Forest, and a specialist on the Elegant (Coppery-tailed) Trogon, which has lived in this canyon for many years, had, that afternoon, spotted a totally different trogon in the canyon. With Kim Innes, a former Cornell student now working on coatimundis here, he made careful notes of plumage and sounds. Rick had no Mexican field guide, but Vince did, and from the descriptions he was able to ascertain that the bird was the Eared Trogon of the mountains of Mexico.

The next morning, eleven of us . . . divided into two parties and staged a "drive" in the South Fork Canyon. The bird was found, seen clearly by all of us, and two different calls noted carefully. . . . Until we could verify the identification by tape recordings and photographs, we decided not to report it to anyone except Gale Monson, co-author of "Birds of Arizona."

We did not reach Gale in Tucson until Oct. 26. He



Morris Udall, U.S. Senator from Arizona, chats with unidentified fellow Trogon-watchers in the South Fork area of Cave Creek Canyon, Coronado National Forest, Arizona. Photo by Helen Snyder.

could not come, but arrangements were made . . . on the 27th to make recordings. Walter (Spofford) and Bert would try for photos. By 1 p.m. they had recordings of three different calls, so the "rare bird alert" went out all over Arizona.

During that weekend, scores came to look for it, and to our great chagrin, no one could find it. We were verbally chastised for not sending out the news earlier. There was one sighting on Monday the 31st, at some distance from the previous sightings, so the rest of that week weary hikers covered many miles looking for it. There were no more sightings until 9 November, when another young research student reported it to us. The next morning when we were to South Fork ourselves, we finally located the Trogon, so we phoned the rare bird alert to Tucson and Phoenix. . . . People poured in by the dozens, including fifteen who flew from Florida, and a man who flew a private plane from California; they all found the Trogon. Gale Monson, Steve Russell, and nineteen others saw it at one time; Steve held back the crowd, once the bird was sighted, until everyone, strung out along the trail for almost two miles, reached the spot.

[The phone began to ring] and hasn't stopped since. I was soon on first-name terms with people all over the United States. . . . All kept checking to learn of the most recent sighting. Victor Emanuel lucked out on his first trip here (1000 miles each way), but kept phoning, as did Bill in Las Cruces and Dick in El Paso.

The local café and store was doing a booming business (no other place to get a meal for 50 miles or more) and the two motels and the campgrounds were packed. Car rental business was never better in Tucson, the closest commercial airport, 150 miles away. By now I answered the telephone with "Mission Control" or "Trogon Information Center." Eventually, almost 1000 visitors came. Portal's population is 60.

. . . Then came the real surprise. Vince Roth received a call around the 13th of November asking for a reservation at the Research Station for Morris Udall and an aide. Mr. Udall had received so many letters from constituents regarding our campaign to protect Cave Creek Canyon that he decided to look into it. The morning of the 19th, several of us took him on a tour that ended up in South

Fork, where he joined us on a hike up the canyon as we tried to find the Trogons. Yes, that plural is right; on the 16th our growing suspicions that there were two were confirmed. . . . The group of us with Udall were about to turn back when Dale Zimmerman of Silver City, N.M., ran toward us with the news that he had spotted the birds 250 yards up the trail. In record time, Udall was on his knees, binoculars propped on a boulder, staring at the male Trogon. His written comment on the Trogon register the Forest Service was now maintaining was "Saw both. Great experience."

. . . The two days before Thanksgiving were wild at our house, for the phone again was ringing steadily as people decided whether to give up other holiday plans and head for Portal. . . . Perhaps the outstanding case of Trogonitis was Paul Sykes of Florida, who with several friends drove non-stop from Florida to Portal in about 40 hours, found the Trogons within the hour, got in the car and headed back to Florida.

At one point, Walter took to "hiding" down along our creek trail when he saw another car of eager birders drive in beside the house. Coward!

. . . Quite naturally, we all hoped the birds would still be here for our census on Nov. 30, and all participants were asking us to assign them to South Fork. Although it is highly possible they are still somewhere in the area, the last sighting of the Trogons was on 3 December. Their disappearance coincided with that of their favorite food, the berries of the madrone tree. Robins, solitaires, waxwings, and Hermit Thrushes had moved in to take advantage of the crop. Perhaps next fall. . . .

Editor's Note: In an update of the whereabouts of the elusive Trogons, Dr. Spofford reports that they have not been seen in the Portal area since last December. But if the birds bred in the area last summer, there is a possibility that they will once again be sighted in Cave Creek Canyon.

NATURAL HISTORY CIRCULATION INCREASES

Natural History's guaranteed circulation, effective with its October, 1978, issue, will increase from 425,000 to 450,000, it was recently announced by David D. Ryus, Museum vice-president and publisher of the magazine. In addition, on July 1 the magazine's advertising will be handled by Natural History Sales, a new division of Travel Communications, Inc.

For the past three years, *Natural History* has been sold by the joint advertising department of Harper-Atlantic Sales, Inc. "They've done a good job for us," Mr. Ryus says. "Since 1975, our advertising revenues have climbed from \$1 million to nearly \$2 million this fiscal year. Pages have increased every year. However, during the same period our circulation grew from 350,000 to more than 450,000, and we expect to be above a half-million next year. We feel that the magazine should have its own national sales force serving *Natural History's* advertisers exclusively."

Natural History has been published by the Museum since 1900. The annual subscription rate of \$10 includes free admission to the Museum, discounts in the Museum Shop and other benefits.

T.R. HAD A WORD FOR IT: "BULLY!"

The "Rough Riders" party held by the Men's and Women's Committees in April was a smashing success, with 1000 guests actively participating in the Old West gala's myriad activities. More than \$50,000 was raised by the event for the Museum.



Hopefully walking softly but definitely carrying a big stick, one party-goer came dressed as the original "rough rider" himself.

Peter Goldberg, Photography, got into the spirit of the evening by taking "daguerreotypes" of guests. But behind that paraphernalia is an original Polaroid!



Chip girls Elise Grossman and Holly Stark, both volunteers, apparently had success selling chips to high rollers.

A POINT SCORED....

On my way back from lunch one day, an excited black teenager approached me in the Eskimo Hall. She was very surprised to see the ivory grass-shredding comb of the Yuit Eskimo and asked me if they had Afro picks too? I said, "Well, no, since it's Eskimo you could hardly call it an Afro pick. But they had combs, too; in fact, it is a very ancient invention of people all over the world." The teenager ran off, still talking about the "Eskimo Afro pick," and I sincerely hoped that it gave her something to think about—something like the universality of Man's needs and the ways they have been met by people widely separated in space and time.

M. Norma Feinberg, Department of Ichthyology

MUSEUM VOLUNTEERS TRAINED DOWNTOWN

The Volunteer Office has a new approach to training volunteers who will conduct "Highlights and History" tours of the Museum on weekends and holidays. Because many of the new volunteer candidates work during the week, it is difficult for them to come to the Museum for training sessions Monday through Friday, when such training is generally available.

In cooperation with corporations, volunteer training is now taking place at lunchtime in midtown at the New York Telephone Company, and in the Wall Street area at Chemical Bank. The special training program was coordinated by Ceci Bernard, and the color slides used during the sessions were taken by volunteer Herbert C. Spiselman.

Forty carefully-selected volunteers from companies in these two areas are receiving six, two-hour training sessions conducted by Sarah E. Flanders. Since her retirement from the Department of Education, Dr. Flanders has become a very active Museum volunteer.

In addition to off-site training, the new volunteers must attend two "Highlights and History" tours and do independent study in Museum exhibition halls, using transcribed material provided by scientific and Education

Department staff for earlier training programs.

And on July 1, the new volunteers will start to conduct these much-praised, free Museum tours for visitors on weekends. The public will again benefit from a well-planned and innovative program.



Exhibition intern Elizabeth Donnelly admires the huge drawing of an Ice Age horse copied from a cave in Lascaux, France, being painted by Frederica Leser. Ms. Leser used textile paint for her free-hand drawing, which can be seen on the new 26' x 30' Museum banner heralding "Ice Age Art," which opened to the public last month.

HERE AND THERE

Anthropology: Anibal Rodriguez, a curatorial asst. I with the Mellon Fund Storage Project, assists the staff with his knowledge of the scanning electron microscope. He loves to cook, especially birds' nest soup for his elegant Chinese dinners.

Building Services: Sherry Pitner and Douglas Sylbert are the new attendant-guards; Harold Brown and William Yost are the new p/t parking attendants.

Development and Public Affairs: Ronald Valente is the new tour coordinator.

Director's Office: Thomas D. Nicholson received the 1977 Superior Achievement (Continuing Contribution) Award from the Institute of Navigation this month.

Education: Mitchell Brathwaite is the new natural science outreach instructor; Catherine Pessino has been promoted to coordinator of school programs.

Entomology: Pedro Wygodzinsky was awarded an honorary doctorate by the Univ. of La Plata, Argentina, for his work on South American insects.... Kathleen Schmidt is the new sci. asst.

General Accounting: James Kane is the new computer coordinator.

General Services: Robert Noonan has been promoted to admin. asst., and Edward McCormick has been promoted to supervising clerk.

Herpetology: Richard and Fran Zweifel and Wesley and Vicki Lanyon (Ornithology) enjoyed communing with the iguanas, tortoises, frogs, birds, sea lions and beneficent donors while on the April Museum Discovery Tour of the Galapagos.... Charles Cole, with son Jeff, and George Foley conducted field work on St. Catherine's Island in early May. More than 100 lizards and snakes were individually captured, measured, weighed and released at their capture points, as part of the continuing ecological studies of the island.

Ichthyology: Postdoctoral fellowships will take Richard Vari to the Smithsonian and Hin Kiu Mok, graduate student, to Harbor Branch, a research organization in Fort Pierce, Fla.... C. Lavett Smith and Guido Dingerkus, graduate student, spoke at the symposium in May honoring Perry W. Gilbert on his retirement from Cornell. Dr. Smith's paper, on body proportions in fishes, and Mr. Dingerkus's paper, on shark chromosomes, were surely applauded because Marjorie Smith and James W. Atz were in the audience.... Handsome Mathew Raymond Coldiron, two months old, paid a visit to the dept. with his mother, Michelle, in May. His proud father is Raymond Coldiron in Vertebrate Paleontology.

Library: The management of the Museum's photographic collection has been transferred to the Library. Pamela Haas has been promoted to photographic collection librarian.... Nina Root, the first woman member of the Archons of Colophon, has been elected a convener of that society.... Ann Bartholomew recently married Ronald Micheels, a chemist, and spent a short honeymoon on Virgin Gorda, British Virgin Islands.... Nancy Thomas has been promoted to reference librarian.

Museum Shop: Erik LaPrade is the new p/t sales asst.

Natural History: Karen Bennett-Mendez, former sr. Museum instructor in Education, has been appointed membership secy.

Ornithology: G. Stuart Keith attended the Calif. meeting of the American Birding Assn.... Ben King was awarded a Chapman fellowship to conduct research in Borneo.... Helen Hays and Joseph de Costanzo are on Great Gull Island for the summer.... Jean T. Delacour has returned to his home in Cleres, France, after wintering in Calif. and spending several weeks at AMNH. He is currently entertaining members of a Museum Discovery Tour in Cleres; also representing the Museum are G. Stuart Keith, Harry L. Shapiro and Thomas D. Nicholson.

Personnel: Jean Ward, personnel asst. on maternity leave, and her husband Lester had a 7-lb. 14-oz. baby girl, Tuesday Sherry, on March 31.... Virginia Godley, personnel records asst., was married to Paul Pinckney, who works for Ford Motor Co. in Mahwah, N.J., on May 13.

Planetarium: Dennis Keppler is the new attendant-guard and Alex Ross is the new p/t rental asst.

Trustees: William B. Macomber, Jr., the brother-in-law of trustee Mrs. John Macomber, has been elected president of the Metropolitan Museum of Art. In 1976, when he was Ambassador to Turkey, Mr. Macomber boarded the mts Orpheus to personally greet members of the Museum's Discovery Tour of the Aegean.



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ATTENDANCE UPDATE—THE NEWS IS GOOD

There's more good news since *GV* last reported on the upward trend in Museum attendance (*GV*, Jan.-Feb., 1978). You may remember at that time we noted a steady rise in the number of visitors during the fall months of September, October and November. At the close of the Museum's fiscal year on June 30, we are happy to report that the trend continued throughout the winter and spring months. Nearly 200,000 more people, for an estimated total of 1,965,000, visited the Museum this year than last—over a ten percent increase. Although the complete June figures were not available at the time of this writing, it appears that attendance for that month alone is up more than 35 percent over last year, due in part to the popularity of the recently-opened special exhibition, "Ice Age Art."

Although it is difficult to pinpoint any one reason for this trend, it is safe to say that this past year the Museum offered an outstanding selection of cultural and scientific programs as well as a series of special exhibitions which rivaled the finest shows ever offered by any museum. *GV* has already reported on the outstanding successes of "Peru's Golden Treasures" and the Hall of Reptiles and Amphibians. The recent opening of "Ice Age Art" marks another first for the American Museum. Physically, it is the largest special exhibition ever staged here and the very first to be held in the newly-opened Gallery 3. So far, over 60,000 people have visited "Ice Age Art," and thousands more are expected to see this outstanding show before it closes on Jan. 15. Museum attendance has been affected, in part, by a strong publicity and advertising campaign for "Ice Age Art," which resulted in major articles in the *New York Times Sunday Magazine*, the *New Yorker* and *Time*, among others.

The "Ice Age Art" show is not the only one which has aroused visitors' interest this year. Several smaller exhibitions have also attracted attention, including "Nigeria: Art and Everyday Life," which enjoyed a six-week stay in Gallery 77; "The Sport of Birding," currently on view in Akeley Gallery; "Rails of the World: Paintings by J. Fenwick Lansdowne," now in Gallery 3 Annex, and "The Making of a Dinosaur," on view in the Hall of Late Dinosaurs.

In addition to these exhibitions, performances by Thovil (the Sri Lankan exorcists) and the Alvin Ailey Repertory Ensemble, a Mother's Day lecture on parenthood by Margaret Mead, special weekends devoted to Mexico, Japan and Native Americans, and a

CONTINUED ON PAGE 5

MUSEUM OLD-TIMERS HOLD REUNION

Nearly 100 people attended the dinner held in early June for all those employees, retired or on-the-job, who have served the AMNH for 25 years or more. Greeting old friends and drinking cocktails in the Roosevelt Rotunda, the obviously happy crowd then retired to the Whitney Memorial Hall of Oceanic Birds for a delicious roast beef dinner and to induct four new members into their exclusive club.



Albert E. Parr and James A. Oliver, both former Museum directors, were special guests at the annual dinner.

Museum President Robert G. Goelet and Director Thomas D. Nicholson were on hand to welcome back all the retirees and to give a brief accounting of "what's happening" at the Museum these days. After

CONTINUED ON PAGE 2

HELPFUL HINT FROM THE GRAPEVINE

One grateful GV reader wrote the following to Betty L. Faber, an associate in Animal Behavior, who was the subject of a feature article in this publication. You may recall that Dr. Faber often works in the Museum at night, tracking and studying her research subjects, cockroaches.

Dear Dr. Faber:

This is a fan letter. The first I've ever written to an entomologist. The December issue of the *Grapevine* changed my life.

My wife, Carin Burrows, is an associate in the Anthropology Department and therefore I get to enjoy the *Grapevine*. We live in an apartment that we love, but for a long time the roaches loved it too. Through the years we have tried many things. The exterminators came regularly and their fumes kept the roaches away for a little while; then they happily returned. We tried the new traps and we caught dozens of roaches, but something about the traps kept attracting more customers.

Then, as luck would have it, we read the interview with you. It was fascinating reading. And then in the middle of it you said two magic words. Boric acid! Hallelujah! I sprinkled it in the key spots and in about two days the roaches decided they weren't wanted; and they went away to wherever it is that roaches go. They haven't been back to this day.

I'm sure that your research has more important goals than de-bugging our apartment, but as far as we are concerned, you have made a shattering scientific breakthrough.

Gratefully,
Abe Burrows

CONTINUED FROM PAGE 1 (MUSEUM OLD-TIMERS)

introducing former Museum directors Albert E. Parr and James A. Oliver, Dr. Nicholson wryly noted that with three directors present, employees should be able to find someone to blame for just about anything.

The four new members of the 25-Year Club are C. Bruce Hunter, assistant chairman, Department of Education; Frank P. Masavage, assistant manager, Building Services; Robert Blake, senior Museum attendant-guard, Building Services, and Philip C. Gifford, scientific assistant, Department of Anthropology. All four were mildly "roasted" by Dr. Nicholson before being presented by Mr. Goelet with framed certificates of lifetime Museum membership.

One of the pleasures of attending this annual event is the opportunity to find out what some of the hale-look-

ing retirees are doing these days. Without fail, all are "up to something," whether it is traveling around the world or tending rare flowers in a special garden.

"I was born in 1900," William D. Wylie told GV right off. In 1929, Mr. Wylie came to the Museum as a truck driver for the Department of Education, transporting small exhibits and slides to New York City schools. After he retired in 1962, he and his wife, Katie, first tried living in California and Arizona, but finally settled down in a mobile home in Fort Myers, Fla. ("Everything is green in Florida.") He and his wife will be married fifty years in July. Two of Mr. Wylie's principal enjoyments are fishing on the Caloosahatchee River near Lake Okeechobee, and visiting his married daughter in Parkchester, N.Y.

Emil W. Kremer of Fredon, N.J. (located near the Delaware Water Gap), retired in 1969 from his job as general superintendent, which meant he was in charge of the construction and maintenance staff. After spending 30 years at the Museum, he now says, laughingly, that he spends most of his time "getting in my wife's hair." One of his more interesting projects is helping his son, Charles, build his completely solar-heated new home in New Jersey. Mr. Kremer likes to take his grandchildren, Kenneth, 12, and Anne Marie, 9, to visit the many horse farms in the vicinity.

Johanna Scharf "always felt the Museum was a wonderful place to work." From 1930 to 1961, Ms. Scharf was a telephone operator, and she claims she has been to every 25-year dinner since her retirement. Most of all, Ms. Scharf loves to travel, and she recently toured West Germany, Switzerland and Austria with her brother and cousin. She has also visited almost every state in the union, and plans soon to go to the Smoky Mountains with a cousin who is visiting from West Germany. Ms. Scharf loves her home and garden in Bronxville, and also enjoys summers spent in her Vermont home.

Albert Wanagel, former projectionist, has been retired for about four years. He now has a part-time job as projectionist at the United Artists Theater in Astoria, Queens: "I only have to walk three blocks to work." He and his wife, Jean, often go to their country home in East Fishkill, N.Y. But most of all, the Wanagels spend a lot of time in Pearl River, N.Y., visiting their daughter and son-in-law, Manny and Carol Ann Perez, and their two grandchildren, Lisa, 7, and Kera, 9.

Oscar M. Shine may have been the ultimate old-timer at the dinner. Now 84 years young and looking every bit of 65, Mr. Shine began work in the Powerhouse (Heating and Lighting) in 1916, and retired in 1942. Then he "went into the movies." For ten years he owned and operated a movie theater in the Bronx. But that was not to be his last career: Mr. Shine then bought a store called Darling's in Yonkers, and "went into the baby carriage and crib business." Now his two sons-in-law run the store, and Mr. Shine and his wife, Ethel, live in Fort Lauderdale, Fla. Even now, Mr. Shine is not idle. Because he is "a very handy man," his home repair services are often sought by friends and neighbors.

It was, indeed, a fun-loving group on that balmy June evening; "our crowd" made it a truly memorable event.



A prized certificate of life membership in the Museum was presented by President Robert G. Goelet and Geraldine Smith, Personnel manager, to (in photos from left to right): Philip C. Gifford, Frank P. Masavage, C. Bruce Hunter and Robert Blake.



Harriet Walsh, Robert T. Noonan and Dorothy Naylor share a laugh over old times.

Robert E. Williamson, Robert W. Kane, Alexander J. Rota and Junius B. Bird renew acquaintances.



spring Nature Film Festival drew substantial crowds.

A glance at attendance reports for Wednesday evenings gives a good indication of an upward trend. On May 25, 1977 (the first late evening opening date), 224 visitors took advantage of the expanded hours. On June 14, 1978, 1750 people visited the Museum during its evening hours. During the Wednesdays in between, attendance climbed steadily, due to an intensive program of promotion and to the numerous evening programs planned with the late hours in mind.

Over the past several months, the Museum has offered a wide range of events during almost half of its late evening hours. These programs have been diverse in their appeal. For example, a special four-week evening film series in June highlighted films about modern life in the People's Republic of China. Other Wednesday evening programs have included the Matteo Ethno-American Dance Theatre, a lecture on "Wolves and Their Prey on Isle Royale," tales by poet-storyteller Joyce Timpanelli, a slide lecture on small animals of tropical Trinidad and a piano recital. This July 12, 19 and 26, visitors can participate in evening "Sketch-Ins" in the Akeley Hall of African Mammals and Hall of Asiatic Mammals.

The attendance figures don't indicate how many "new" people discover the Museum each month. However, GV feels it is safe to say that each exhibition and special program attracts first-time Museum-goers, as well as encourages old friends to return again and again. And, with the tremendous diversity of events and activities at AMNH these days, attendance has nowhere to go but up.

STATEMENT OF MUSEUM POLICY OF NON-DISCRIMINATION IN EMPLOYMENT

The American Museum of Natural History is an Equal Employment Opportunity/Affirmative Action Employer and seeks affirmatively to assure equal opportunity and equal treatment in employment regardless of race, color, religion, sex, national origin, or physical disability.

The Museum will continue to direct its employment and personnel practices towards insuring truly equal opportunity for everyone. It is intended that all matters related to recruiting, hiring, training, compensation, benefits, promotion, transfers, layoffs, recalls from layoffs, Museum sponsored tuition support, social and recreational programs, and all treatment on the job, be free of discriminatory practices.

As opportunities for transfer, advancement, or promotion, occur, including promotions into and within management, timely reviews and analysis of personnel records will be made to insure that all minority and women employees continue to receive equal consideration.

The Museum's Personnel Manager has overall responsibility for implementing these programs. However, each and every Authorized Supervisor is held accountable for fully cooperating with and participating in all the Museum's efforts towards insuring equal opportunity for everyone.

HERE AND THERE

Animal Behavior: Ethel Tobach was elected local representative and Rachelle H. B. Fishman was elected treasurer of the Association for Women in Science. . . . Dr. Tobach was a recent lecturer for the Univ. of Oklahoma's scholar-leadership program. . . . Lester R. Aronson and Madeline L. Cooper presented a paper at the Eastern Regional Conference on Reproductive Behavior held at the Univ. of Wisconsin, Madison. . . . Yves Rouger, a former dept. postdoctoral fellow, returned in May to give a seminar and consult with dept. members. . . . Last spring the dept. was visited by E. A. Asratyan and K. V. Shuleikina, two distinguished scientists from the Institute of Higher Nervous Activity and Neurophysiology of the U.S.S.R. Academy of Sciences, Moscow. . . . John Mirenda successfully defended his Ph.D. thesis in June. . . . David Shurtleff, dept. intern, has been awarded a Reader's Digest Fellowship and will work with Dr. Tobach this summer under the Undergraduate Research Participation Program. . . . A well-attended series of colloquia on sociobiology was held at the Museum during the spring. Organized by Dr. Tobach, the programs were sponsored by the joint program in Animal Behavior-Bio-psychology. . . . Betty Silver, volunteer, is spending two weeks in Europe, where she plans to hike.

Anthropology: Margaret Mead has received the 1978 Achievement Award of \$3000 from the American Assn. of University Women Education Foundation. . . . Gary J. Sawyer is in the process of publishing his fossil discovery of an extinct elk-like moose. . . . Lauren Archibald, who jogs mornings near the Central Park Reservoir, is training for an upcoming 3½-mile park race. She seeks running companions for the paths. . . . Delphin Zuñiga-Diaz is the new curatorial asst. II. . . . Enid Schildkrout has been promoted to associate curator.

Building Services: The new Museum attendant-guards are Joseph Amendolare, Robert Hardy and Edwin Caro.

Development and Public Affairs: Gerdeen Greenidge is the new clerk-typist.

Education: Malcolm Arth recently attended the Kansas City meetings of the American Assn. of Museums. He was elected to the AAM/Intl. Council of Museums Executive Cte., and has also been appointed a member of the Review Panel for the new Institute of Museum Services in Washington, D.C. In July, Dr. Arth lectures at the DeYoung Museum in San Francisco, and in August he will accompany a Museum Discovery Tour to the People's Republic of China and Iran. . . . Paul Sanfaçon is continuing his field studies in Morocco. . . . Kenneth Chambers is leading a Discovery Tour to Alaska. . . . Ismael Calderon is surveying national and state parks in the northeastern U.S., with the goal of incorporating natural science field trips into the dept.'s Junior High School Science Program. . . . Theresa Moore is returning for a visit to her native Ghana, where she will continue her study of traditional folk tales and drama forms. . . . Linda Claremon has been promoted to sr. Museum instructor. . . . Wali Pasha will attend an Audubon nature workshop in Conn. . . . Florence Stone is attending the summer Arts Administration Institute at Harvard. . . . James Gross is leading another group of teachers to West Africa for

Art Safari, Inc. . . . Joan Chiaramonte and her husband, Peter, have a baby boy, Perry, born last March 26.

Entomology: Louis Sorkin is the new curatorial asst. III, and Brenda Marie Massie is the new secy.

Exhibition and Graphics: George Gardner reports that a package from France, addressed simply to "Chief of Production, Office of Exhibits Central, Natural History Building, United States," was delivered to this Museum by the Postal Service. . . . Henry Gardiner, fully recovered from surgery, happily has returned to work. . . . Frederica Leser was one of the union leaders interviewed on an hour-long public television program called "The State of the Unions," part of a series aired on Channel 13 called "In Search of the Real America". . . . Eliot Goldfinger was awarded the Helen Smith Prize by the National Academy School of Fine Arts for his portrait bust of the late Seymour Couzyn, a former preparator. He also received a letter of commendation from the National Sculpture Society for his portrait bust of John V. Lindsay, which was entered in a nationwide competition. Mr. Goldfinger recently completed busts of Gardner D. Stout, former Museum president, and Metropolitan Opera tenor Jan Peerce. . . . Stephen C. Quinn's painting, "Mississippi Sandhill Cranes with Young," appeared on the June 4 cover of the *New York Times Sunday Magazine*, in connection with a feature article on endangered species. In July, he and Fred Sibley of Yale's Peabody Museum will lead an ornithology tour/seminar to the Asa Wright Nature Center in Trinidad. . . . George Campbell, with his wife and daughter, spent a month in the south of England, concentrating on the highways and byways and South Downs. Of special interest was Brighton Pavilion, which, due to a recent fire in its Music Room, was undergoing restoration. Mr. Campbell says, "The whole scene, complete with designers and preparators, could well have been a corner of our Peoples of Asia Hall". . . . The new apprentice-preparators are Beth Sudekum, formerly a curatorial asst. III in Anthropology, Joan Braccini, Neal Steven Martz and Patricia Harrison.

Herpetology: Richard G. Zweifel, Charles J. Cole and Charles W. Myers (who has been promoted to curator) attended joint scientific society meetings in Tempe, Ariz., in June. Dr. Zweifel did some museum-hopping in California prior to the meetings, and Dr. Cole went on to the Southwestern Research Station for a three-week stint, where Carol Townsend came to assist in lizard collecting. . . . The curators report that Charles M. Bogert, former dept. chairman, also attended the Tempe meetings, hale and hearty after ten years of active "retirement." The Bogerts are preparing for another trip to Africa.

Ichthyology: Guido Dingerkus recently gave talks at Woods Hole, Mass. . . . C. Lavett Smith, James C. Tyler and George Dale have just finished living 50 feet under water at a habitat at St. Croix, where they studied the role of light in the day-night changeover patterns of various coral reef fishes. . . . Dr. Smith will spend his vacation teaching at the Univ. of Michigan Biological Station in Pellston, Mich. . . . Lynn Parenti and Donn E. Rosen attended the Ichs and Herps meeting in Tempe, where Ms. Parenti gave a talk. . . . Richard P. Vari will spend the next year at the Smithsonian Institution, where he will study the systematics of a group of economically important South American fishes.

Invertebrates: Ernst Kirsteuer spent the month of May in Belize, where he was invited by the Smithsonian to participate in the IMSWE Coral Reef Project. Dr. Kirsteuer was elected a member of the corporation of the Bermuda Biological Station for Research, and also was appointed a member of the Worms Advisory Cte. for the Smithsonian Oceanographic Sorting Center. . . . Sharon Finley has left the dept. to become asst. to the director of the Harlem Cultural Council. . . . Niles Eldredge was on hand for the opening of Atlantic City's new casino, and is happy to report that he managed to amass \$6 in winnings. . . . Norman D. Newell, accompanied by his wife, Gillian, visited the Soviet Union in June as part of an exchange program organized by the American Academy of Science and the Academy of Sciences of the U.S.S.R. Dr. Newell met with colleagues, studied collections and lectured in Moscow, Leningrad and Novosibirsk. . . . William K. Emerson and William E. Old, Jr., presented papers at the June meeting of the Western Society of Malacologists in Santa Clara, Calif. Prior to this, Dr. Emerson attended the Intl. Conference on the Pacific Basin Neogene at Stanford Univ. He plans to attend the July meeting of the American Malacological Union in Wilmington, N.C. . . . Bruce N. Haugh recently spent two weeks doing research on the paleobiology of primitive echinoderms at the Buffalo Museum of Science, Chicago's Field Museum, the Univ. of Wisconsin and the Univ. of Michigan's Museum of Paleontology.

Library: Fred North has left the Museum after fourteen years to take a position at the Colegio San José in San Juan, Puerto Rico, as librarian and teacher of computer science. His former colleagues wish him the best of luck. . . . Nina Root and Pamela Haas attended the June conference of the Special Libraries Assn. in Kansas City. . . . Sylvester Chigodora is welcomed back after a long hospital stay. . . . Brenda Sanchez is back at the Circulation Desk after a maternity leave. . . . Wilda V. Gastelu is the new library asst.-serials.

Maintenance and Construction: Briane George Yorke is the new carpenter.

Mineral Sciences: Jonathan Snellenburg is the new postdoctoral fellow.

Museum Shop: The new p/t sales assts. are Roberta Dash, Patricia Sapp, Donna Ng and George Morales.

Natural History: Eileen O'Keefe has been promoted to advertising production manager.

Ornithology: David N. Ewart successfully defended his doctoral thesis and has received his Ph.D. . . . François Vuilleumier, Lester L. Short, Walter J. Bock and Eugene Eisenmann all attended the Berlin Ornithological Congress in June. . . . Dr. Short is currently doing field work in Nairobi, Kenya. . . . Dr. Vuilleumier plans to do a bit of European field work from his Geneva vacation base. . . . Dr. Eisenmann attended a meeting of the Intl. Council on Bird Preservation in Yugoslavia. . . . Ben King led a bird tour in Alaska.

Planetarium: David Dundee, intern, has completed his two years' apprenticeship, and will go to the Fernbank Science Center in Atlanta, Ga., as a lecturer in astronomy. . . . Annette Petrone is the new asst. box office manager. . . . Alice Fong Hom is the new p/t sales asst. in the Planetarium Shop.

Vertebrate Paleontology: Jean Dumont is the new secy.



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SECOND MARGARET MEAD FILM FESTIVAL SCREENED SEPT. 13 THROUGH 17

Sept. 13 through 17 mark the dates of the Museum's second Margaret Mead Film Festival, another five-day anthropological film extravaganza focusing on peoples and cultures from around the globe. Last year's event was hailed as one of the most diverse and wide-ranging ethnographic film programs ever made available to the general public, and it is believed that this year's event will generate the same degree of excitement. There certainly will be an outstanding variety of films and special programs to choose from during the five-day period.

This year's festival again comes in two parts. The evenings of Wed., Thurs. and Fri., Sept. 13, 14 and 15 will be devoted to a retrospective of the works of the outstanding Argentinian filmmaker, Jorge Preloran. Mr. Preloran has spent the past twenty years traveling the vast and barren regions of his country to produce over 50 exquisitely moving and beautiful works documenting traditional and vanishing ways of life. Through such films as "Imaginero," "The Warao," and "Zerda's Children," he has given a voice to rural and traditional peoples previously ignored by the world at large.

"Imaginero," one of Preloran's most acclaimed films, is the story of Hermogenes Cayo, an Andean folk artist whose moving and mystical works reflect the life experience of Argentina's desolate high plains. It has been called one of the ten best films ever to emerge from Argentina.

The weekend of Sept. 16 and 17 will feature nearly 100 hours of continuous film screenings in nine separate Museum areas. Every film will be introduced by an expert, in many cases the filmmakers themselves. Margaret Mead will lead two special programs in the Auditorium, one on trance (both in Bali and right here in New York), the other on truth and fact in film.

There will be a special two-day children's film program in the People Center, accompanied by demonstrations of Museum artifacts by Education Department staff. The Center for Southern Folklore and the New York Visual Anthropology Center will also conduct two special film programs, the former on Southern music, culture and lore, the latter on new and experimental films.



Andean folk genius Hermogenes Cayo is the subject of Jorge Preloran's film, "Imaginero." Cayo dedicated his life to his art, making religious images of exquisite beauty.

The weekend programs run from 10:30 a.m. until 6 p.m. on both days. The Museum, which normally opens at 11 a.m. on Sunday, will open one hour earlier on Sept. 17 to accommodate crowds.

All in all, the second Margaret Mead Film Festival should be quite an extraordinary event, with something of interest for almost everyone. A schedule of the weekend's activities is available from Florence Stone's office in the Department of Education on the fourth floor, and in *Rotunda*.

Tickets for the Preloran retrospective are available to employees and volunteers at a discount price of \$10.00 for the three evenings (the regular price is \$15.00). To reserve a series ticket, fill in the application on the brochure available at the Information Desks, and return to the Education Department with your check. But hurry—tickets are selling fast!

THE MUDMEN ARE COMING!

For the first time in recent memory, the Museum will be open on two consecutive Friday nights—Sept. 22 and Sept. 29—until 9 p.m. The reason: the first appearance in the U.S. of three exciting and unusual performing groups from the new island nation of Papua New Guinea. The three groups are performing here in connection with the special exhibition, "Papua New Guinea—Then and Now," which opens in Gallery 77 on Wed., Sept. 20, and remains through Sun., Oct. 15.

The three troupes are the famous Asaro Mudmen, who originated in the New Guinea Highlands; the Mekeo dancers from the coast, and the Raun Raun Theatre Company, the national troupe of Papua New Guinea. They will perform free in the Auditorium on both Friday evenings starting at 7 p.m. The suggested admission fees of \$1.50 for adults and \$.75 for children for entering the Museum itself will remain in effect on both nights.

All Museum employees are specially invited to bring their friends to the Friday performances, and to dine in the Cafeteria beforehand; it will be open by special arrangement from 6 to 7:30 p.m. both evenings. The Museum Shop will also be open Sept. 22 and Sept. 29 until 9 p.m., as will the Parking Lot.

The Papua New Guinea dancers are scheduled to give seven other performances in addition to the two scheduled for Sept. 22 and 29. These, too, are free with Museum admission, and they will take place as follows:

Dance in Papua New Guinea is highly original and creative. Here, Mekeo dancers from the coast accompany their dance with song and drum music. The clay mask of this Asaro Mudman helps create a ghostlike effect during performances.



Wed.,	Sept. 20 — 7 p.m.
Thurs.,	Sept. 21 — 2 p.m.
Sat.,	Sept. 23 — 2 p.m.
Sun.,	Sept. 24 — 2 p.m.
Sat.,	Sept. 30 — 2 p.m.
Sun.,	Oct. 1 — 2 p.m.
Wed.,	Oct. 4 — 7 p.m.

On Sun., Oct. 15, three films about Papua New Guinea will be presented from 1:30 to 4:30 p.m. "Yumi Yet" portrays the country's celebration of its independence from Australia in September, 1975. "Immigrant Deer" is a wildlife film about the adaptation of deer to the marshes of Papua New Guinea. In "Trobriand Cricket," the original English version of the sport is shown as it has evolved in Papua New Guinea: a national game played by war-painted, chanting warriors.

The festival of Papua New Guinea-related events, which was organized by the government of Papua New Guinea, marks the third anniversary of the new nation's independence from Australia. The fascinating Asaro Mudmen are dancers whose movements have been likened to those of ballet. Representing the dead, they traditionally make appearances in battle, incite people to fight, and protect the female dancers at "sing-sings," or dances. Today, the Mudmen use clay masks built on cane frames, but they still coat their bodies with clay in the traditional manner.

The Mekeo dancers sing, dance and dramatize the folk tales of their coastal homes while wearing feather headdresses which are five feet tall and wide. Some of the dancers paint their faces in bright yellow patterns that offset their magnificent headgear. The Raun Raun Theatre Company, composed of twenty members, performs dances, songs and dramas primarily from the Highlands.

Especially since Papua New Guinea is made up of



some 1000 distinct tribal groups speaking between 700 and 800 languages, audiences can expect cultural variety at the performances, which are given in traditional village dress and are recommended for adults. The exhibition itself will feature a wide range of rare and priceless anthropological artifacts, as well as examples of items used in everyday life. The latter will include a full-sized, Highland "roundhouse," a traditional outrigger canoe from the Papuan coast, and a lagatoi, a double-hulled canoe with handstitched, banana-leaf sail.

To assist visitors in what is expected to be, for many, a first encounter with Papua New Guinea, there will be young Papua New Guinea guides present in the exhibition throughout its stay. Among them will be Eva Arni, a former Miss Papua New Guinea and Miss Asia.

The exhibition will deal with both the early history and traditional life of various regions, as well as with the country's modern life. In addition to the highlights, such as the roundhouse, there will be some enormous carved wooden figures, masks, jewelry, and a collection of headdresses and traditional garments. The National Arts School will have a display of art with both traditional and modern themes. To enhance the evocative quality of the exhibition, taped sounds of birds and other animals, as well as island flutes and drums, will be played; there will also be large photo-murals on display and several continuously-running slide shows.

This is the Museum's autumn highlight, along with the Margaret Mead Film Festival. Don't miss either!

NOTED SOVIET EMIGRE MAKES TEMPORARY HOME IN MICROPALAEONTOLOGY PRESS

When Esfir Saperson arrived in the United States five months ago from the Soviet Union, she knew very few people and barely spoke any English. She was a Russian Jewish emigré who had left her country under pressure to seek a better life. Unlike other emigrés, however, Dr. Saperson is a micropaleontologist—one of the Soviet Union's foremost specialists on Paleogene benthic foraminifera. And, although other geologists have recently emigrated from the Soviet Union, Dr. Saperson is the first micropaleontologist of note to arrive in this country.

While still in the U.S.S.R., Dr. Saperson had corresponded professionally with William A. Berggren, a chief scientist at the Woods Hole Oceanographic Institution in Woods Hole, Mass., and a member of the Advisory Board of this Museum's highly-respected Micropaleontology Press. Dr. Berggren realized immediately that if Dr. Saperson were to make her unpublished information available to Western science, the best possible place for her to work on a temporary basis would be the American Museum of Natural History. Here she would have complete access to all the

current literature, research space and proximity to other scientists working in the same discipline.

John Van Couvering, the new editor of Micropaleontology Press, and officials of the American Council for Immigration, agreed immediately to Dr. Berggren's plan, and Dr. Saperson arrived in early May. She stayed through late July, making her temporary home in Micropaleontology Press's first floor offices.

"All of us in Micro Press benefitted greatly from having Dr. Saperson with us for several months," says



John Van Couvering assists Esfir Saperson, Micro Press scientist-guest, during her stay in that office this summer.

Dr. Van Couvering. "She is a delightful and knowledgeable person with a great deal of professional expertise." Martin Janal, the Press's associate editor, also worked closely with Dr. Saperson on her research, improving his Russian in the process.

Although Dr. Saperson accomplished a great deal of work at AMNH and was delighted with the excellent Library and research facilities, she feels that the people were the most important part of her stay here. "Everyone was wonderful," she says. "I came to feel as though I had been born in New York City and had worked in the Museum all my life."

Dr. Saperson is currently working for one year with Dr. Berggren at the Woods Hole Oceanographic Institution. However, she misses her friends at AMNH, and sends her regards. "I hope I can come back frequently to visit." Everyone here hopes so, too.

CAFETERIA TAKE-OUT SERVICE

Several months ago, limited take-out food service was inaugurated by the Cafeteria, and many employees have found this service a great convenience. The Cafeteria would like to remind employees of which items are available for take-out. They are: hot and cold beverages, ice cream, Danish pastry, cakes and pies, rolls and muffins, pre-wrapped sandwiches and soup. All other items must be eaten in the Cafeteria.

Employees must indicate to the counter person when they are purchasing food for take-out. All such items must be properly wrapped or capped. A paper bag can be secured from the cashier, and all items should be placed in the bag.

Employees may not take unwrapped food or hot meals on trays from the Cafeteria, nor may they remove china or silver from the Cafeteria. If containers, caps or bags are not readily available, please request them from the Cafeteria manager. Everyone's cooperation will be greatly appreciated.

HERE AND THERE

Anthropology: Nazarie Baptiste, secy, was involved in a moped accident on her honeymoon in St. Croix; her husband, Augustus Romain, reports that she hopes to be back at work soon. . . . David Thomas is hoping for another great find on his field trip to Gatecliff Shelter. . . . Ian Tattersall is on a field trip to Europe, where he is researching museum collections of lemurs and recording the coloring and markings of Madagascar types. . . . Enid Schildkrout is back in Africa, completing her field studies on the effects of urbanization on children in Kano, Nigeria. . . . Lauren Archibald, vacationing in Scotland, is in search of haunted castles and haunted wine cellars. . . . David Bok is the new research asst.

Controller's Office: Barbara Diop, sr. secy., returned in August from maternity leave after seven glorious months at home with her son.

Development and Public Affairs: Peter Gallagher is the new manager for Development and R. Todd Nielsen is the new Discovery Tour asst. coordinator.

Director's Office: The Institute of Navigation has awarded Thomas D. Nicholson their Superior Achievement Award "for continuing outstanding contributions to the advancement of navigation."

Education: Rhonda Cannady is the new sr. clerk.

Exhibition: Eliot Goldfinger and Stephen Quinn have been promoted to sr. preparators.

General Services: Robert T. Noonan and his wife vacationed in the Catskills, and Joseph Saulina and spouse did likewise on Cape May. Fernando I. Rosado is the new sr. clerk in Shipping and Receiving.

Herpetology: Dr. and Mrs. Richard Zweifel and daughter Nelly vacationed in the West in July, visiting their student sons and the Edwin Colberts (formerly in Vert. Paleo.) in Flagstaff and Drs. Willis Gertsch (formerly in Entomology) and Mont Cazier (former director of

the Southwestern Research Station) in Portal, where the latter's motor home was awaiting replacement parts. . . . Edward Teller spent two weeks in July in Maine with Mr. and Mrs. David Seaman (he was formerly in Mineral Sciences). Mr. Teller assisted in setting up a mineral fair in Rumford under the auspices of the Oxford Mineral Club. . . . Former employees José Rosado and Marian Schmied paid much-welcome visits to the dept. during the summer.

Invertebrates: Alan Dale is the new curatorial asst. I. . . . The new sr. secy is Iris Pabon, who transferred from the Controller's Office.

Library: Mary Giatas is the new acquisition librarian and Jack Liao is the new cataloging librarian.

Museum Shop: Donald Lehr II is the new book buyer.

Ornithology: François Vuilleumier has been promoted to curator. . . . Several dept. members, including Wesley Lanyon, Dean Amadon, Mary LeCroy and Eugene Eisenmann, attended the August annual meeting of the American Ornithologists' Union in Madison, Wisc. Dr. Lanyon is the AOU's outgoing president.

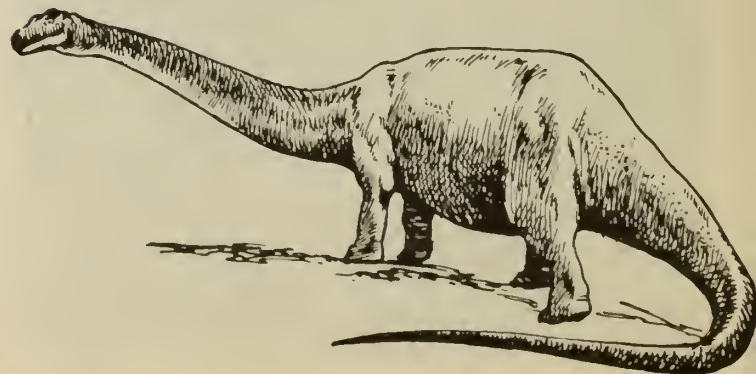
Natural History: Henry Schulson is the new membership associate.

Photo Studio: Arthur Singer, James Coxe and Peter Goldberg hosted the June meeting of the N.Y. chapter of the Sierra Club in the studio. A tour of the facilities and a slide show about photography in the Museum were highlights of the evening.

Planetarium: Mark Chartrand attended an international meeting of directors of planetariums in Tokyo in August. . . . The Planetarium is closed until Sept. 25 while new carpeting and seats are installed in the Sky Theater. . . . Fujiko Worrell is the new intern, Kai Eng the new technician, Francine Messina the new p/t sales asst., and Chardean Oliver the new attendant-guard.

Vertebrate Paleontology: Jacqueline Tung is the new Museum technician.

Volunteer Office: Nancy Owings is the new "Highlights and History" tour coordinator for Wednesdays evenings, Fridays, weekends and holidays. Ms. Owings, a tour leader since the program began a year ago, was a volunteer for almost three years. . . . Sarah E. Flanders and her husband recently returned from a trip to the People's Republic of China, where they visited several cities and towns, including Peking, Shanghai, the birthplace of Chairman Mao, the site of Peking Man and the Great Wall. "It was the most exciting and rewarding trip Herb and I have ever taken," she says. "The Chinese people are friendly, ambitious, and made no attempts to brainwash."





PAPUA NEW GUINEA DANCERS CONCLUDE SUCCESSFUL MUSEUM ENGAGEMENT

Saio Avefa, an outgoing 21-year-old member of Papua New Guinea's Raun Raun Theater Company, dropped by one recent afternoon to share his New York City experiences with GV readers. He and the sixteen other members of his traveling dance and theatrical troupe, along with three Mekeo dancers and one Mudman from the village of Asaro, had just concluded a most successful engagement in the Museum's Auditorium. For almost all of their nine public performances there, the house was filled to capacity.

An exception among members of his troupe, most of whom have never before left Papua New Guinea, Mr. Avefa has traveled with the Raun Raun troupe to Tokyo, Nigeria and Ethiopia. ("I think it would be nice to live in Ethiopia," he says.) Since their arrival in the United States in mid-September, the Raun Raun Thea-

The Mekeo dancers and the Raun Raun Theater Company of Papua New Guinea provided many of the dramatic highlights on the program. Here, individual dancers display their talents.

ter Company, the three Mekeo dancers and the Mudman have stayed at the YMCA's Sloan House on West 34th Street. From that base, many of them have explored the city on their own as well as with guides.

Mr. Avefa had just finished walking the distance from Sloan House to the Museum when he was interviewed by GV. "For me, it's not a long walk at all. The only difference is that here I often have to stop for the street lights. At home (the town of Goroka) I often walk the 50 miles through the bush in one day to get to my mother's village."

As could be expected, New York City strikes the dancers as "a very expensive place." On a limited budget, they quickly learned which were the area's least expensive restaurants, and they often ate "on the street."

American food, surprisingly, was not much of a problem: pork, fish, chicken and beef are all eaten in Papua New Guinea.

At home Mr. Avefa works full-time with the theater group, rehearsing for new productions and traveling to various schools and towns for performances. In his spare time, he likes to go with a companion or two "into the bush" to hunt wild pigs, wallabies and cas-sawaries (all with traditional bow and arrow) for food.

POST SCRIPT

Atairo Kanisuo, the celebrated Mudman in the Papua New Guinea dance ensemble, made quite a splash while he was in town. He was the subject of considerable publicity, including a feature article in the Oct. 16 issue of *People Magazine*.

But disaster struck on Sunday, Oct. 8, when Mr. Kanisuo's hotel room was robbed by a "nice lady." He lost everything he had been given or had purchased while in New York City. His unfortunate story was printed in a city newspaper on the day he was leaving for home, and a heartwarming number of New Yorkers

Mr. Avefa says that all Museum personnel he met were helpful and friendly. He can't say the same for all the New Yorkers that he came into contact with, but he takes the famed brusqueness of Gothamites with a philosophical shrug.

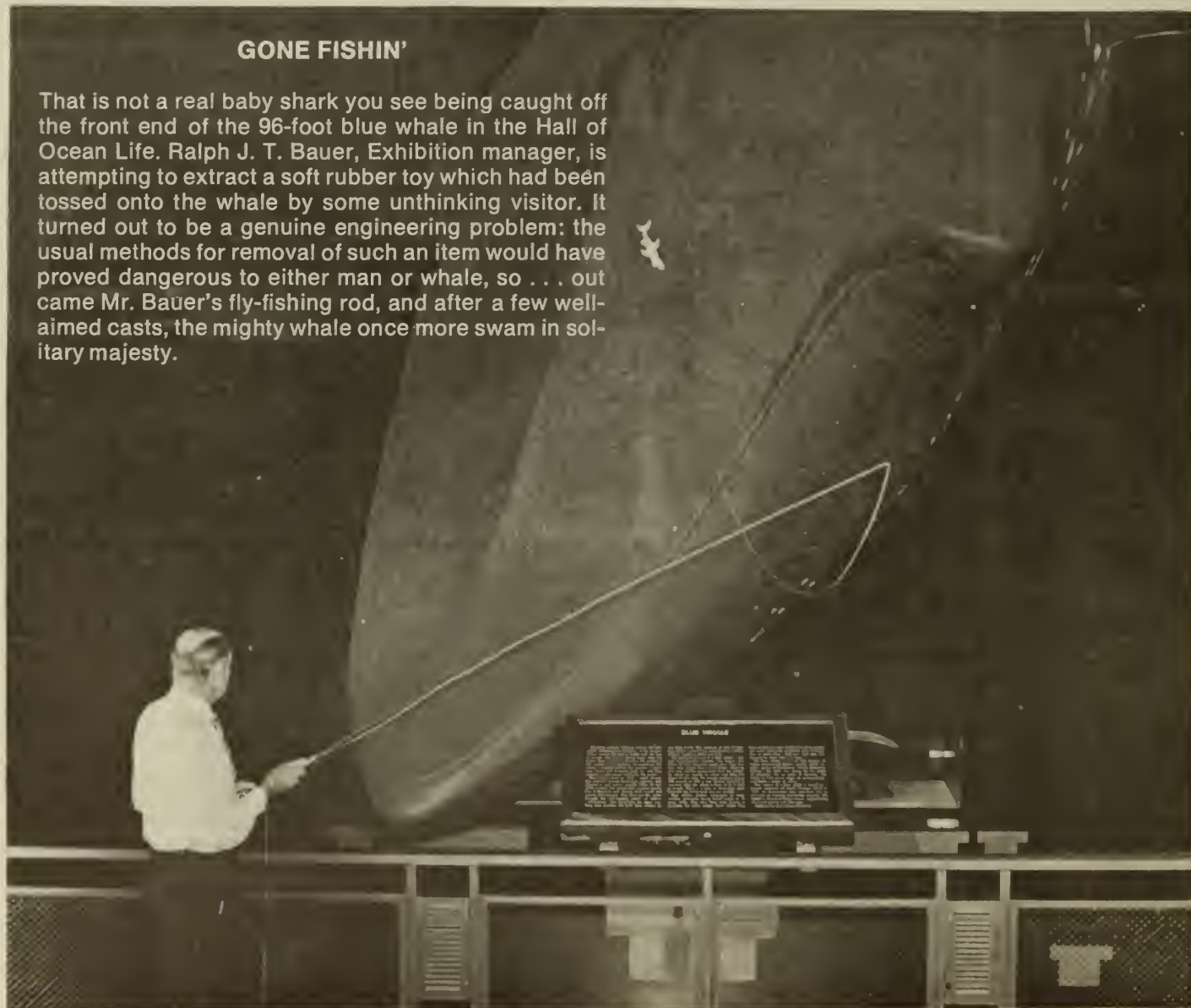
Many Museum employees turned out to see the Papua New Guinea performances, for which there appears to be unanimous acclaim. For all those who had the privilege of watching them perform, the experience was a special one.

responded by donating money, a camera, a tape recorder, a new blue suit and other assorted items to him just before he left for Kennedy airport. He was also presented by Dr. Nicholson with a pair of binoculars as a gift from the Museum.

An elated Mudman (which is what he was called by everyone) told reporters who came to the Museum to witness his receipt of all the gifts, "I can't believe the friendliness and generosity of the people of New York. You have been so kind to me while I was visiting you, and I shall never forget you. What stories I have to tell when I get home!"

GONE FISHIN'

That is not a real baby shark you see being caught off the front end of the 96-foot blue whale in the Hall of Ocean Life. Ralph J. T. Bauer, Exhibition manager, is attempting to extract a soft rubber toy which had been tossed onto the whale by some unthinking visitor. It turned out to be a genuine engineering problem: the usual methods for removal of such an item would have proved dangerous to either man or whale, so . . . out came Mr. Bauer's fly-fishing rod, and after a few well-aimed casts, the mighty whale once more swam in solitary majesty.



AMNH PREMIERES GIFT CATALOG

For the first time in its history, the American Museum has produced and distributed a gift catalog, with items for purchase by mail ranging from limited-edition animal sculptures in bronze and porcelain to exclusive reproductions of Central American gold jewelry, the originals of which are in Museum collections.

The gift catalog is an insert in the October issue of *Natural History*. Additional copies of the catalog can be obtained at the information desks and in the Museum Shop.

Museum employees and volunteers can purchase items from the catalog at a 25% discount; there is a 10% discount on books. Purchasers must wait four to six weeks for the arrival of their merchandise.

Employees and volunteers who wish to purchase gift catalog items at the discounted price should return the completed order form, which is enclosed in the catalog, and a check, money order or credit card number to Jeffrey Maer, *Natural History*, in an inter-office envelope through inter-office mail. *Do not* mail the order form to the address on its envelope; if mailed there, your order will be rejected by the computer.

Take a minute to look over the catalog. Maybe one or more of the items would make that "perfect" Christmas gift.

DR. SCHAEFFER RETIRES

Bobb Schaeffer, curator in the Department of Vertebrate Paleontology, retired in September following a long and distinguished career as a paleontologist. Dr. Schaeffer began his association with the Museum in the 1930's as a student of William King Gregory, curator in Vertebrate Paleontology and professor at Columbia University. Following completion of work on his Ph.D., Dr. Schaeffer spent the war years in Egypt, managing a venereal disease center.

Upon his return from service in 1946, the Museum offered Dr. Schaeffer the position of curator of fossil fishes, effectively succeeding Dr. Gregory, his former mentor. In the subsequent 32 years, he has made significant contributions to paleoichthyology, particularly in the field of bony fishes.

During his years as chairman of the department, Dr. Schaeffer was involved with the design, construction and occupation of the Frick Wing, which required an almost total reorganization of the department's vast collections.

Now that Dr. Schaeffer is free of administrative work, he is eager to devote more time to research in the office he continues to maintain in the Frick Wing, as well as to his outside interest in antique *putti* (Renaissance sculptures of Cupid-like young boys) and toy dogs.



Jean Delacour, right, research associate in Ornithology, played host last spring to Thomas D. Nicholson, left, director, and other members of the Museum Discovery Cruise of European waterways at his chateau and aviary in Cleres, France. The renowned ornithologist is well-known to many employees because of his frequent visits to the Museum over many years.

HOLIDAY TREE TO GLITTER IN ROTUNDA FOR SIXTH YEAR

The Museum's cheery Holiday Tree will grace the Roosevelt Rotunda for the sixth consecutive year from Monday, Nov. 20, through Sunday, Jan. 7. This year's tree-lighting ceremony will take place on the afternoon of Monday, Nov. 20. As in the past, Museum employees and volunteers will be invited to attend a party featuring the ceremony, which for many signals the beginning of the holiday season.

According to Alice Gray, scientific assistant in Entomology and coordinator extraordinaire of the tree's special origami decorations, several new animal species will make their appearance on the enlarged tree: goats (difficult to fold), starfish and horseshoe crabs (very difficult!) will be among those making their debut.

Ms. Gray is issuing a call to all experienced—or merely enthusiastic—paper-folders to help make the new

decorations and to wire the special animal mobiles. Rabbits, foxes, bears, flamingoes, parakeets and pheasants will be newly folded this year. Those interested in folding should call Ms. Gray on ext. 313.

And what will the overall effect of this year's tree be? "I won't really know until the tree is up and we can start decorating," Ms. Gray told GV. "After all, it's not a scientific program. It's a work of art."

HERE AND THERE

Anthropology: Everyone is happy to see Joseph Nocera back at work after recuperating from an illness.

Building Services: The department's new offices, located on the first floor of the Roosevelt Building, are now completed. Everyone is pleased with the renovated facilities. . . . Al Sable and his wife enjoyed a two-week vacation in Puerto Rico.

Controller's Office: Florence Rosenblitt is the new asst. to the controller.

Director's Office: Thomas D. Nicholson has announced that the Museum has met its challenge grant commitment for the second year in a row. The grant, from the National Endowment for the Humanities, matches one for three any new or increased revenue obtained by the Museum. The total NEH grant to the Museum is \$712,000, over a three-year period.

Entomology: Alice Gray reports she recently loaned three fancy tropical cockroaches and one tarantula to sculptress Annie Hickman, whose original work was shown in early October in SoHo's Razor Gallery. Ms. Hickman devised very elaborate, beautifully-decorated "bug houses" out of window screening (complete with miniature-sized furniture made from the same material), and required live models for her habitats during the exhibit. . . . And our ubiquitous Ms. Gray appeared on "To Tell the Truth" in Sept. The two imposter Alice Grays received three of the panel's four votes.

Exhibition: Raymond Mendez gave a three-week seminar on tropical entomology at the Asa Wright Nature Center in Trinidad. On his return, he and his wife, Kate Bennett-Mendez (Membership) vacationed in several Northwest national parks. During their many day hikes, they observed 22 mammal species, including the rare black-footed ferret, which they saw in North Dakota. . . . Frederica Leser spent a damp August in the Hebrides and the wild northwest of Scotland. She followed pipers down glens and stood in neolithic stone circles in the Orkney Isles, and, for a change of pace, attended the Edinburgh Festival.

Herpetology: Nancy Olds spent two weeks in August canoeing in Algonquin National Park, Canada. . . . Carol Townsend, Grace Tilger and Charlotte Holton (Vertebrate Paleo.) vacationed this summer in the Peruvian Andes.

Ichthyology: Victoria Pelton vacationed at Mohonk Mountain, N.Y. and at the shore. . . . M. Norma Feinberg kept her family busy catching turtles on family trips to the Smoky Mountains and Oklahoma. . . . Meanwhile, Donn E. Rosen successfully avoided Disneyland despite his son's best efforts. . . . C. Lavett Smith has nearly recovered from the shock of having seven-year-old "faculty brats" attempt to burn his car when

he was teaching at the Univ. of Michigan field station. . . . Carol Hutchings appears to be back from the South Pacific, except she is reported to have a faraway look when the Cook Islands, Fiji or New Zealand are mentioned. She attended a Biogeography Symposium, planned by the Western Society of Naturalists and the Univ. of Auckland, fishnet in hand. . . . Gareth J. Nelson taught comparative anatomy at NYU.

Invertebrates: Christina Garcia is the new secy.

Library: Tessie Rechtschaffer, a p/t asst. in technical services employed in the Library for almost ten years, died after a long illness on Aug. 11. She will be missed.

. . . Nina J. Root spent two weeks in Jamaica, Janina Gertner spent five weeks in Poland and Germany visiting friends and relatives, and Miriam Tam vacationed in Canada for two weeks. . . . The Library was awarded a \$250,000 one-year grant from HEW for strengthening its collections. . . . Philip de la Rosa and Donna Harrison are the new p/t Library assts.

Mammalogy: This summer Sydney Anderson and Karl Koopman attended the Second International Theriological Congress in Brno, Czechoslovakia. . . . Dr. Koopman made a post-Congress tour to the High Tatra Mountains in eastern Czechoslovakia, and spent two weeks at the East Berlin Zoological Museum and one week at the British Museum for research. He later attended the International Bat Conference in Albuquerque, N.M., and made an excursion to the Carlsbad Caverns. . . . Dr. Anderson spent one week in August at St. Catherines Island, Ga., continuing his studies on ecology of raccoons, and preparing next year's work on the interaction between nesting sea turtles and foraging raccoons. He spent two weeks at Florida's Archbold Biological Station, also for work on raccoon ecology. . . . Marie Lawrence spent the summer teaching zooarcheology at Northwestern Univ. Field School, Kampsville, Ill.

Micro Press: Joseph Bareford is the new Museum technician and Abdul Omolade is the new p/t shipping clerk.

Mineral Sciences: Martin Prinz, C. E. Nehru and Dolores Garcia attended the Meteoritical Society meeting in Sudbury, Ontario, this summer. Antarctic meteorites are currently causing great excitement. . . . Dr. and Mrs. George Harlow have bought a house in Leonia, N.J.

Museum Shop: The new p/t sales assts. are Mara Bacsujlaky, Vincent Mantia, Elizabeth McDermott and Susan Stern.

Ornithology: Malcolm Coulter is the new Chapman Fellow, here for one year. . . . Peter Connell is the new graduate student studying with Wesley Lanyon. . . . The Lanyons spent their vacation in the Adirondacks. . . . Lester L. Short has just finished another stint with the Museum Discovery Tour cruise of the Aegean. . . . François Vuilleumier has returned from a holiday in Geneva.

Projection: Larry Van Praag and his wife, Ann, are the proud parents of a new daughter, Susan Hope, born Aug. 25. She joins her older sisters, Carla and Robin.

Purchasing: Wendy Forman is the new purchasing manager.

Volunteer Office: Sarah E. Flanders has been appointed associate in the Dept. of Education. She will continue working in the Volunteer Office.



MARGARET MEAD 1901-1978

On Nov. 15, the AMNH lost one of its most illustrious staff members. Margaret Mead, curator emeritus in the Department of Anthropology, which had been her professional home for 52 years, died in New York City after a year-long battle with cancer. Up until her hospitalization in early October, Dr. Mead was active with her research and lecturing. As many AMNH'ers know, she was an active participant in the Second Margaret Mead Anthropological Film Festival and also was a special guest at the official opening in late September of the exhibition, "Papua New Guinea—Then and Now." That country was, of course, of great interest to Dr. Mead because of her many years of research there.

Anthropologist, psychologist, teacher, lecturer, writer and observer of change in our time, Margaret Mead was honored, over the years, by 20 honorary degrees and hundreds of prizes and awards. She was awarded the Museum's prestigious Gold Medal in 1969.

Dr. Mead began her career at the Museum in 1926 as assistant curator of ethnology after returning from her first field trip to Samoa. In 1942 she was named associate curator, and in 1964 was appointed curator. In 1976, in recognition of her 75th birthday and her 50 years of Museum service, the Museum established the Margaret Mead Fund for the Advancement of Anthropology (see the Jan.-Feb. 1977 issue of GV). The Fund will create a Margaret Mead Chair in the Department of Anthropology, help relocate the Hall of the Peoples of the Pacific to the third floor and provide new and better



Margaret Mead

This famous photo of Dr. Mead was taken on her field trip to Bali in 1957.



storage facilities for the department's priceless collections. Contributions in memory of Dr. Mead can be made to the Fund, in care of the Museum.

There are scores of Museum staff and volunteers who can tell their own special stories of Margaret Mead, vignettes which, to them, illuminate the special facets of this warm, exciting human being. GV herewith records a few of those remembrances:

According to Thomas D. Nicholson, director, "I will always be grateful for one very important but little-known characteristic of Margaret Mead: she was the most co-operative and generous member of the Museum staff that I have had the privilege to know. She was always willing to help out with our fund raising and education programs, giving freely of her time and energy when we called upon her. She was always there when we needed her."

Stanley A. Freed, curator in Anthropology and its chairman for seven years, remembers Dr. Mead with a mixture of fondness and awe. "I'll remember Margaret for many things, especially her tremendous feeling of loyalty and her total concern for people. The last time I saw her, which was in the hospital ten days before she died, she complained about the outrageous cost of hearing aids. She wondered how poor people could possibly afford them. That was typical of Margaret throughout her life. There is nothing in her reputation that is an

exaggeration or a myth. You can believe everything good you ever heard about her."

Junius B. Bird, curator emeritus in Anthropology and a long-time colleague of Dr. Mead's, related several delightful memories of Dr. Mead. He told of how, when both were on a plane en route to Washington, she began to grade a huge sheaf of students' papers. Before reading each one, she turned to a photo file on the particular student which gave relevant facts on his or her life. "This student can do better than the paper he has submitted," she said to Dr. Bird, "but he has a wife and two children, and is pumping gas to earn a living. This was probably the best he could do at the moment." Dr. Bird, as well as all of us, marvelled at this indication of her compassion for, and understanding of, all types of people, each with his or her own set of limitations and capabilities.

Dr. Mead is survived by her daughter, Catherine Bateson Kassarian, and a granddaughter, Sevanne Margaret, 9, both of whom live in Iran. Dr. Kassarian is the dean of social sciences and humanities at the new Reza Shah Kabir University in Babolsar.

Plans for a memorial program for Dr. Mead, to be held on Sat., Jan. 20, at 11 a.m. in the Museum's Auditorium, are now being made. All those who wish to remember this great woman and scientist are cordially invited to attend.



Film stars Audrey Hepburn and Ben Gazzara recently appeared on the Museum steps for a closeup during the shooting of "Bloodline."

"LIGHTS! CAMERA!..."

Often, on leaving the Museum of an evening, visitors and employees may well ask if they have wandered onto an MGM movie lot, for increasingly the Museum has been used for on-location shooting of Hollywood-style films. During the past two years, the AMNH has appeared—if not starred—in such films as "The Heretic," already released, and "Kramer vs. Kramer," "The Last Embrace," and "Bloodline," all due out soon.

Over \$10,000 in location fees has been received by the Museum from film companies using the Museum as a locale. The Mayor's Office officially encourages the making of films in New York City, and is happy to see such activity at AMNH.

There are, of course, certain rules and regulations, all of a practical nature, that film companies must agree to before filming here is permitted. In order not to deprive visitors of its great variety of exhibitions, the Museum schedules such filming either before or—more usually—after visitor hours. (It is not unusual for cameras to grind

away late into the night.) And no amount of money would persuade the Museum to open up its display cases, such as the walrus diorama in the Hall of Ocean Life, and permit actors and actresses to cavort inside for footage about life at the North Pole!

The purpose in permitting film companies to use the Museum as a backdrop is twofold: first, the Museum, especially if identified as such, receives valuable exposure and publicity; second, the Museum does receive welcome revenue.

As for visitors and employees, a bit of excitement is offered, especially when we see Richard Burton and Linda Blair in the Akeley Hall of African Mammals ("The Heretic"), or see the Portrait Room transformed into Anthony Quinn's hearing room in the Justice Department, or watch Dustin Hoffman with his film family in the Hall of African Mammals ("Kramer vs. Kramer"). Then there was the day last August when Woody Allen arrived at the Planetarium in a fake rainstorm. . . .

SKY THEATER RENOVATED

Besides being able to boast the forty-fourth showing of "Star of Wonder," the Planetarium's annual holiday show, there is much more of which the Planetarium can be proud. In September the Sky Theater was renovated with new carpeting and 663 new seats.

In 1935, the year the Planetarium opened its doors, wooden seats were installed and remained until 1960. In that year and again in 1969, theater-style chairs were installed. Now a more comfortable, upholstered, high-back chair is the culmination of the redecoration and renovation efforts.

The new seating allows for maximum comfort during performances. The brown carpeting (which is on the walls as well as on the floor) provides the area with both esthetic and acoustical improvements. There can be no doubt that a visit to the Sky Theater is now a more enjoyable experience than ever.



Sidney Horenstein points out a fossil specimen to the throng which recently took his geological tour of lower Manhattan.

MUSEUM SCIENTIST LEADS POPULAR URBAN FOSSIL TOURS

"Old Fossils of the Financial District." A who's who of Wall Street? No, the title of a tour that Sidney S. Horenstein, scientific assistant in the Department of Invertebrates, conducted in lower Manhattan on Sun., Nov. 19, for some 500 fossil-lovers and the just-plain-curious.

Lately Mr. Horenstein has been leading a growing number of fascinating tours in the New York City area for those who want to know more about urban geology. Guiding his audience from Castle Clinton to the old Customs House and on to some of the financial buildings on State and Broad Streets, Mr. Horenstein reviews the geologic history of ancient New York, as well as that of the rocks and fossils which form part of the building blocks and paving stones of lower Manhattan.

Mr. Horenstein gathers his information not only from geologic journals and books, but also from architectural and building trade magazines, maps, and even back issues of *The New York Times*, which sometimes reports, at the time of a building's completion, what materials were used to construct it.

At the Museum, where Mr. Horenstein has worked for eighteen years, he assists Niles Eldredge, Roger Lyman Batten and Bruce N. Haugh on their projects; is in charge of curating the massive new Marshall Kay invertebrate fossil collection, a recent gift from Columbia University, and answers all inquiries from the public. The latter led to his current involvement in urban geology.

Mr. Horenstein's city tours have been so well-received that lately the media have been covering them; hence, the 500 people who showed up for the November "Old Fossils" tour, which had been previewed in the *Times*. His tours were also the subject of a recent article in *Smithsonian Magazine*, and are covered in *Natural History* in the December issue.

Observers of the urban scene know well that the main attraction is Mr. Horenstein himself, who has a special talent for making his subject matter interesting to people of all ages. "In those hills lies the story of continental col-

lisions, separation, glacial lake formation and catastrophic floods," he is likely to comment dramatically, as he gazes out across New Jersey from the top of one of the World Trade Center buildings on a clear afternoon. For many of us this is, indeed, a novel perspective on the view across the Hudson.

Peering down from the same perch toward Staten Island, he may ask: "Do you know anything about the mining industry of New York City?" Who—except Mr. Horenstein—would even think to ask? Answer: During the last century, there were many iron mines, as well as an asbestos mine, on Staten Island.

"In the financial district, we can see fossils embedded in rocks from many different parts of the world, for example, Italy, Morcocco, Great Britain, and the state of Missouri," Mr. Horenstein says. "Their time span is immense, with the oldest fossils dating back nearly 500 million years and the youngest—geologically-speaking—dating back to only a few million years."

Mr. Horenstein's next tour, which is being sponsored by the Appalachian Mountain Club, is scheduled for December, and will consist of a geology tour of Fifth Avenue from 59th Street to Washington Square. Among the highlights: the huge fossil wall located at the Associated Press Building at Rockefeller Plaza and the now-famous fossil balcony at the Bun N' Burger Restaurant on West 48th Street.

For more details, Museum employees and volunteers are welcome to call Mr. Horenstein on extension 364 during the lunch hour. If he's not there, try him at the World Trade Center, Associated Press, or any other geological outpost of the "Big Fossil."

HERE AND THERE

Anthropology: Owen Moore and Debra Peter are the new curatorial assts. I. Joan Truesdale has been promoted to curatorial asst. II.

Archbold Biological Station: Dorothy Carter is the new secy. . . . Sam P. Vander Kloet, curator of the E. C. Smith Herbarium and asst. professor of biology at Acadia Univ., Nova Scotia, is spending his sabbatical at the Station as an Archbold Research Fellow. In addition to conducting research on the taxonomy of North American blueberries, he is reorganizing and expanding the Station Herbarium and preparing a checklist of plants found in the area. . . . Dr. Vander Kloet also accompanied the Museum's Discovery Tour cruise of European waterways last spring. . . . Fred E. Lohrer and Chester E. Winegarner attended the fall meeting of the Florida Ornithological Society in Naples in October. Mr. Winegarner participated in a demonstration of specimen preparation methods.

Building Services: Christopher Owens is the new attendant guard.

Development & Public Affairs: Batya Knapp is the new Public Affairs correspondent and Theresa Schaff the new Development asst. for corporations and foundations. Mary Croft has been named asst. volunteer coordinator.

Director's Office: Thomas D. Nicholson has announced that the Museum has been awarded \$589,910 by the New York State Council on the Arts for the period of July 1, 1978 to June 30, 1979. Of this amount, \$571,200 will go toward operational support and \$17,819 toward pro-

grams. . . . Halycon Walker has been appointed asst. executive secy. and admin. secy.

Education: The new Science Center teaching assts. are Amy Eisenberg and Joan Learner. Sheila Pardo is the new supervisor-Reception Center, and Catalina Ramirez is the new People Center weekend supervisor. Ellen Williams has been promoted to special project asst.

Exhibition: In early November, a luncheon in honor of George F. Campbell was held aboard Bargemusic at Fulton Ferry Landing in Brooklyn. Mr. Campbell was the recipient of the Tenth Annual James Monroe Award for his "lifelong devotion to the sea, and the preservation of our maritime heritage." His miniature paintings of American sea captains are featured in the first exhibition of the Society of American Marine Artists, now on view at the World Trade Center. Mr. Campbell is a founding member of the Society.

General Accounting: Sylvan Stoner has been promoted to sr. clerk.

Herpetology: Charles Myers has returned from a month's field trip in western Colombia in connection with his poison-dart frog studies. . . . Charles Crumly, a graduate student at Rutgers, will be a regular departmental visitor for the next couple of years while he makes use of the turtle collections for his doctoral studies. . . . Charles Cole's parthenogenetic lizards were the subject of a recent Frank Field science report on WNBC-TV's "Newscenter 4."

Ichthyology: James Atz has been elected to the advisory council of the American Littoral Society.

Library: A large number of new employees on board. They are: Eric Achacoso, Amador Roman and Meg Stevens, p/t Library assts.; Elizabeth Garcia, Almaz Hailemariam and Vivian Wan, Library project assts.; Kathi Kovacic, serials project librarian; Hyun Kee Lee, cataloging project librarian; Jill Medvedow, p/t interlibrary loans asst., and Joshua Wanderer, Rare Book Room asst. Diana Shih has been promoted to cataloging librarian.

Mammalogy: Karl F. Koopman has been promoted to curator.

Micro Press: John Van Couvering and Martin Janal drove to Toronto for the Geological Society of America meetings. . . . Bella Kotler spent five weeks sunbathing in Israel. . . . Liliane Farhi, formerly of the Museum Shop, has been promoted to sr. clerk.

Mineral Sciences: George Harlow and Joseph Peters recently attended the Detroit Gem and Mineral Show and brought back some fine mineral specimens. . . . Martin Prinz, Dr. Harlow and Mr. Peters collaborated in editing a new "Guide to Rocks and Minerals," just published by Simon & Schuster. . . . James Ferrailo and Sandy Zucker are the new curatorial assts. III.

Museum Shops: The new p/t sales assts. are John Browne, Marion Lomega, Betty Volk and Constance Wynn; the new p/t stockroom clerk is David Sievers, and the new asst. manager is Felice Zukowski.

Natural History: Katherine D'Agosta has been promoted to asst. editor. The new circulation manager is Barbara Gutman; Douglas Preston is the new membership asst.; Harriet Sulsky is the new sr. secy., and Kathleen Jones the new secy.

Ornithology: Informal discussion/seminars in avian biology and related subjects are held on alternate Tuesdays during the lunch hour. They are open to members of other departments. Call François Vuilleumier, ext. 325,

for details. . . . Ruth Chapin, research assoc., was given a farewell party in September by the dept. She visited in California for a month before taking up permanent residency in Columbus, Ohio. . . . John Bull, with Ian Tattersall of Anthropology, was a guest lecturer for a November Museum Discovery Cruise on the Nile. . . . Jean T. Delacour had to postpone his fall visit to the Museum due to illness, but recovered in time for a November arrival. He saw friends here before heading for California to spend the winter. . . . Lester L. Short recently returned from a Discovery Cruise to the Mediterranean, on which he was a guest lecturer. Participants were able to observe 157 species of birds! . . . François Vuilleumier spent two weeks in November in Merida, Venezuela, where he presented a paper at a symposium on páramos. . . . The Second Annual Waterbird Conference was recently held in New York, in conjunction with the centennial celebration of the Linnaean Society of New York. Helen Hayes, chairperson of the Society's Centennial Committee, was instrumental in arranging for the conference and for obtaining its National Science Foundation funding. Many ornithologists attending the conference made use of the dept.'s facilities.

Personnel: Norene Brooks has been promoted to asst. manager.

Photo Studio: Arthur Singer delivered a lecture on photographic conservation at a Sept. conference on Preservation and Restoration of Photographic Images at the Rochester Institute of Technology. . . . Peter Goldberg and Shari Segal, a former research asst. in Margaret Mead's office, were married on Sept. 10.

Planetarium: Phyllis Brodsky is the new p/t cashier; Maurice Gottlieb and Rosalyn McFarland are the new p/t sales assts.; Gwendolyn Gwyn is the new public relations coordinator, John Palazzo is the new p/t Laserium floor supervisor, and Karen Sealy and Dagmar Stepanek are the new p/t rental clerks.

Pompeii Office: Linda Hyman has been appointed coordinator for the upcoming special exhibitions, POMPEII AD79 and Volcano! They will open to the public on Sunday, April 22, and are scheduled to close on July 31. Stay tuned.

President's Office: Pearlie Tillman is the new secy. to the president.

Projection: Michael Gaisner is the new p/t projectionist.

Volunteer Office: Sarah E. Flanders has won a citation of merit in the Mayor's Voluntary Action Center of New York City Volunteer Activist Awards for 1978. The recognition was given, of course, for her work in creating the Museum's Highlight and History Tours, which more than 20,000 visitors have taken in the fifteen months of their operation. The ceremony at Gracie Mansion reminded Dr. Flanders of another one, held about 35 years ago, on the steps of City Hall. At that time, Mayor Fiorello LaGuardia congratulated Dr. Flanders, then a young intern at Bellevue Hospital and captain of the Bellevue Hospital Emergency Squad, for her team's medical aid to victims of the fire on the ship Normandie.

Correction: "To GV: Let me congratulate those responsible for the beautiful gift catalog as shown in the October issue of *Natural History*. However, I must disagree with the belief that this is the first gift catalog produced and distributed by the AMNH, since I was very much involved in producing one 25 years ago. Just thought you'd like to know (Signed) Alice Pollak, former manager, Museum Shop "



AMNH LIBRARY



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