

MUSEUM SERVICE

Bulletin of the
Rochester Museum of Arts and Sciences

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Rochester Museum of Arts and Sciences — *Dedicated to a Better Understanding of the Laws of Nature and the Cultural Achievements of Mankind* — is administered by the Municipal Museum Commission for the City of Rochester.

Museum Commission

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Rochester Museum Association

Chartered by the University of the State of New York

Rochester Museum Association is a sponsoring group of leading citizens who feel that a museum of science, nature and history has a distinct place in our community and is worthy of their moral and financial support. It is entitled to hold property and to receive and disburse funds.

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Cover Picture—

Automation is becoming a household word. It certainly touches every area of modern living. And museums of course are as modern as *today*. This is evidenced by the advancements made in telling the story of museum exhibits as pictured in the automatic guide in the hands of a young visitor. A taped message provides the talking label that interprets the story of the Seneca Indian Village. It gives the individual a concise introduction in a minute or less. There are nine of these units in the Hall of Man, for which earphones may be rented.

Photograph by William G. Frank

BASIC MUSEUM FUNCTIONS

A distinguished scientist and museologist, Dr. Edwin H. Colbert, said that a museum to deserve its name should do two things. It should be a repository for the acquisition and preservation of objects. It should, also, interpret material in its possession either through research or display or by both means. It is satisfying to report that day-by-day our own institution through its talented and dedicated professional staff carries on these two basic functions which are essential for all real museums. Museums, at the same time, conduct a multitude of other activities but their governing boards and directors should constantly reassess their programs in terms of these prime responsibilities.

In reviewing the year 1961, we can see how the varied accomplishments of the museum group themselves into the main categories mentioned. Preservation was represented by the acquiring and safekeeping of objects of many kinds, comprising archeological, biological, historical and technological material. We added several thousand articles to our culture history collections including costumes, glass, china, furniture and implements by the generous gifts of over 300 individuals. Our curators interpreted these materials by research of two types; namely, basic research, which were findings of significance beyond our institutional program and second, applied research for the museum's needs, such as the determination of the historical accuracy of an object.

As ours is a teaching museum it is to be expected that considerable emphasis during the year was placed on the interpretation of the collections through exhibits. The year 1961 was especially significant in view of the multitude and high quality of the displays created by our small corps of designers and artists. The exhibits were either of the permanent type, carefully planned to fulfill an over-all concept of exhibition practice, or were of a temporary nature but contrived to satisfy the demands of the public and the educational needs of the school clientele which make such extensive use of museum facilities. Three fascinating full-scale dioramas of lake, pond and stream fishes of this region were opened during the summer. An important geological time chart showing the evolution of animals with animated devices is nearing completion. A scale model of a Rochester flour mill including a cross-section of the building with full mechanism is also underway and will be a major culture history exhibit demonstrating one phase of Rochester's industrial beginning. Contrasted with these was the popular series of thirty temporary displays which attracted thousands of people who would not have ordinarily come to the Museum.

In all these ways Rochester Museum of Arts and Sciences performed its basic functions but not without shedding inspiration and enlightenment.

—W. STEPHEN THOMAS, *Director*

Tribute To Service

Preservation of original objects, research and curatorial care as well as exhibitional and educational services all go to make good museums. Fine collections and beautiful buildings, also, are desirable but were it not for the knowledge, skill, zeal and devotion of museum staff members we could not have the effective institutions which museums such as ours have come to be.

At Rochester Museum of Arts and Sciences we are blessed with an experienced and dedicated corps of workers. Of the present staff of 37 persons, fifty-three percent have service records of ten years, fifty percent of fifteen years or over and seventeen percent of twenty years or over. Of the latter group we recently honored an individual who has made a fine contribution to the progress of the Museum.

Mable Schran Smith, editor and public relations specialist came to the Museum in a secretarial capacity and has advanced to wider responsibilities. She has performed a number of useful functions not only helpful to the Museum but to the community at large. A graduate of East High School and the Rochester Business Institute, she attended University School of the University of Rochester. With some business background, she applied her skills in the office of the former Director, Dr. Arthur C. Parker, assuming administrative duties. Since 1947 she has served as editor of *Museum Service* and has also been in charge of the public relations activities of the Museum. Her record of community service beyond the walls of the Museum is a distinguished one. She is past president of the Women's Council of the Chamber of Commerce, a member of the Board of Family Service, on the public relations committees of both the Health Association and the Chamber of Commerce, and serves on the Board of Directors of Industrial Editors.

Museum Commissioners

A local law of the City of Rochester (in 1925) created the Board of Commissioners which is the controlling body of our institution. This Commission of seven persons, two of whom, the mayor and the superintendent of schools, serve as ex-officio members, is appointed by the city manager and represents to him and to the City Council the needs of the Museum and the budget necessary for its operation. It is also the duty of the Commission to see that the Museum prospers, extends its services and conforms to an agreed upon plan of operation.

In December of last year Mr. Arthur A. Davis was appointed for a five-year term to succeed to the place of Dr. John R. Williams, Sr., who had a remarkable record of twenty-seven years' devotion and service. At its meeting on January 5, the Board elected Mr. Davis as chairman of the Commission and re-elected the Honorable James P. B. Duffy as vice-chairman. The other members of the Board are Mayor Henry E. Gillette, Carl S. Hallauer, T. Carl Nixon, Dr. Robert L. Springer, superintendent of schools, and Mrs. F. Hawley Ward.

We are fortunate that Mr. Davis, the new Commission head, has already made a notable contribution to the affairs of the Museum through his leadership in the enterprises of the Rochester Museum Association. He became a trustee of the Museum Association in 1938, was treasurer from 1945 to 1953, and from 1953 to 1959 was its energetic and capable president. It was in the latter part of this period that the need for land for museum expansion became a vital and critical factor. Mr. Davis, aided by the vigorous action of the Museum Association Board of Trustees, was responsible for a highly successful financial campaign which resulted in one hundred thousand dollars being contributed for the purchase of the six acres immediately adjacent to the Museum.

Museum Association Trustees

George R. Williams, prominent Rochester attorney, was elected president of the Rochester Museum Association at the annual meeting of the Board of Trustees which was held on January 30. Mr. Williams has been a trustee since 1959 and has served as secretary over the past year. Mr. Walter Hastings, a trustee since 1956, was elected to succeed him as secretary.

Officers re-elected are Charles L. Rumrill, vice-president; W. Stephen Thomas, executive vice-president; Thomas E. McFarland, treasurer and Miss Wilma J. Shili, membership secretary.

Trustees re-elected for a term of five years include Carey H. Brown, M. Herbert Eisenhart, T. Carl Nixon and Charles L. Rumrill. Mr. Lewis B. Swift was elected an honorary trustee.

The Board of Commissioners and the City Manager were special guests. Mayor Henry E. Gillette, an ex officio member of the Commission, expressed confidence in the Museum as one of the great cultural and important recreational assets of Rochester. He said that he will support its efforts to expand its services through the county and Genesee Valley.

The City Manager, Mr. Henry R. Dutcher, Jr. was the principal speaker and quoting from his remarks "A city . . . must have fine theatres, libraries and galleries, educational facilities of first rank and certainly, equally important, it must have excellent museum facilities—for what use can our present facilities be without the recognition and the realization of our heritage. But a museum cannot offer much if it only serves to store and display dusty relics of bygone days. Thankfully Rochester has an outstanding Museum. Our city spends over one-fourth of a million dollars per year to provide for our citizens, and yes, for our neighbors around our city, a cultural center that serves to enrich our community. I feel . . . that we obtain true value for our expenditure. Our Museum is needed for its broad bases of service which are ever expanding. I believe it is safe to say that not a year goes by but what over half of our community are in some way affected by museum service. The Rochester Museum Hobby Council is a case in point. Serving almost fifty individual organizations, this group does much to mold the minds of our youth into challenging, constructive avenues of expression, to give them a purpose and a goal. I began collecting coins when in high school and now belong to two member organizations of the Hobby Council—the Rochester Numismatic Association and the Seneca Zoological Society.

"But to you who are so actively engaged in furthering the interests of the Museum . . . let it suffice to say that this administration extends to you its encouragement and its help and is proud indeed to have the Museum solely supported by the City of Rochester and private contributions."

Salvage Operations At The Shakeshaft Gravel Pit

By Charles F. Hayes, III, *Associate Curator of Anthropology*

ARCHEOLOGICAL SALVAGE WORK at the Shakeshaft Gravel Pit during October and November of 1961 provided an excellent exercise in the problems and benefits of salvage archeology. Both professional and non-professional archeologists pooled their efforts to save one more bit of New York's Indian history which is often becoming the victim of the bulldozer and power shovel.

The site of the operation was a gravel pit being utilized in connection with the construction of the western expressway currently being extended from Rochester, N. Y. The area was recorded as a site (Bgn 19-3) in 1938 when Mr. Donald L. Ritchie, brother of the former archeologist at Rochester Museum of Arts and Sciences, Dr. William A. Ritchie, excavated a double burial as a result of similar construction operations. This interment, a male and a female was discovered at a depth of two feet. The male, later determined to be an adult about 45-49 years of age, lay on his left side in a flexed position headed east and facing south. A portion of a turtle carapace was found in front of the face. The female was originally in an upright sitting position 3" above and to the south of the male and had subsequently fallen partly over the male. A piece of shell and a fragment of red hematite were also in the grave. Ten other skeletons were reported dug out at the same time but no information is now available.

Thanks to the vigilance of Mr. and Mrs. William Forney, of Churchville, N. Y., members of the Lewis Henry Morgan Chapter of the New York State Archeological Association, two other burials were able to be recorded with nearly complete data. Working into the night with the aid of car lights they were able to salvage one approximately 42" deep grave containing an individual extended on its right side headed southeast and facing northeast with arms flexed close to the chest and the fingers entwined below the chin. An interesting feature involved three distinct thin charcoal layers at depths of 12", 22" and 30" below the ground surface over the skull area and averaging 16" in diameter. Fifteen feet from the first grave uncovered by the Forney's another one at the same depth was found extended on its left side headed southeast and facing southwest with arms flexed and fingers by the chin. A charcoal streak was observed 12" above the skeleton. Grave goods consisted of five shell beads around the neck. The second grave was dug by another Morgan Chapter member, Mr. Charles W. Wray, and the Forney's.

Again, thanks to Mr. A. J. Hoffman, of Holcomb, N. Y., the following information was gained from two other burials. One was a double interment with the individuals facing each other. The other consisted of a single flexed burial headed west and facing north at a depth of 48". A dark area with charcoal was found over the skeleton. Power shovel activity prevented further data from being salvaged.

Unfortunately the other burials cannot be so precisely described because

the power shovel usually undermined the entire grave area. Nevertheless because of the watchfulness of Messrs. Fiala and Chistolini of the Johnson, Drake and Piper Construction Company, of Buffalo, N. Y., and Messrs. DiNatale and Condino of the RVA Trucking Company, of Rochester, N. Y., information on grave goods was salvaged as well as some of the artifacts, most of which were made available for study. Reported from a single grave with the individual flexed and facing south came a 11½" long by 1½" thick slate pestle incised with probable phallic designs and a clay pipe. Both were said to be near the skull. A double burial, both flexed, with one individual facing south and one west was reported to have contained a square topped clay pipe, fragments of fresh water clam shell, pieces of turtle carapace and bird bone fragments near one skull. The west facing individual apparently had no grave goods. Also reported from other undescribed graves were a diorite celt, a thin triangular projectile point, bone awls and needles, a broad triangular projectile point, two bone beads and a bone fishhook. Bits of charcoal were also observed in several graves.

Generally the burials appeared to be spread irregularly in a NE-SW direction along a 300' long gravel ridge. Because of the sporadic nature of the graves it was often a matter of a week or more before any sign of a burial was encountered during the removal of the gravel. Although the power shovel operators kindly offered to suspend operations in a fruitful area so that further testing could be done this procedure was abandoned after several days were spent in unsuccessful hand shovel testing of extremely hard ground.

The cooperation of the following additional people is gratefully acknowledged in connection with the salvage operations: Dr. A. Francis Turner of Morgan Chapter, Mr. Floyd Urckfitz of Churchville, Mr. and Mrs. Irvin Tozer of Riga, Superintendent Mengel of the Johnson, Drake and Piper Construction Company and Mr. Lester Shakeshaft, owner of the gravel pit.

Presently the skeletal material, judged to represent twelve or more individuals, is being studied through the generosity of Mr. William S. Cornwell, president of Morgan Chapter and Research Fellow in physical anthropology of Rochester Museum.

The culture represented by the artifactual remains has been termed Pre-historic Iroquois possibly dating A.D. 1400-1500. Many burials have been uncovered in similar gravel pits in the Genesee region of New York and exhibit generally the same characteristics. Unfortunately no village areas have yet been discovered in association with these people. Why do we find these isolated burial plots with sparse grave goods? Were these people peripheral to another more settled group? These questions have yet to be answered.

The salvage operations at the Shakeshaft Gravel Pit naturally involved many frustrations inherent in all archeological salvage work. Many situations were unavoidable, others were the result of a lack of communication between the public and the archeologist. Nevertheless the amount of information gained definitely demonstrated the value of such projects and the continuing need for cooperation and understanding among the professional and non-professional archeologists and the public.

What Is A Science Center?

By Gloria C. Gossling, *Head, School Service Division*

MUCH HAS BEEN said in talks and writing within the last year about the proposed Science Center to take form on the grounds of Rochester Museum of Arts and Sciences. The result has been a number of inquiries indicating some perplexity regarding the nature and purpose of a *Science Center*.

Some persons have expressed the idea that a Science Center means to them an establishment of medical units and research laboratories, or an industrial center. They find it hard to conceive of a Science Center in terms of a museum installation.

The Rochester and Monroe County Science Center will comprise several buildings which will contain interpretive displays covering all phases of science. The central unit already exists in the present Museum, devoted to the history, geology, natural science and anthropology of northwestern New York State.

The second unit of the complex of buildings will house a Planetarium and related exhibits. The Planetarium itself will be a 40-foot, dome-shaped chamber with seating facilities for approximately 200 people. In the center of this chamber will stand the Planetarium instrument, a complex optical invention consisting of a series of lenses, special-effects devices and internal light sources, capable of "spinning its audiences through hours, days, months, years or centuries in a matter of minutes" to make possible a deeper understanding of the universe for the layman and serious amateur. Elements of the solar system, stars, celestial phenomena and outer space will be recreated on the domed ceiling.

The ambulatory area surrounding the Planetarium will be the setting for exhibits on Astronomy, Rocketry, Missiles, Artificial Satellites, Basic Physics and Chemistry, Mathematics, Laws of Mechanics, Photography and Public Health. There will be, in addition to exhibits, astronomy and rocketry work rooms for the amateur scientist and hobbyist.

The basic purpose of this new building will be the interpretation of pure and applied science for the layman plus providing additional facilities for the student of science.

The third unit of the Science Center is planned as an industrial wing containing exhibits which will trace the history and processes of representative Rochester firms, and interpreting the technology and industrial applications of physics and chemistry indigenous to the Rochester area. Obviously, optics, photography and the machine industries will be among those represented.

Next will come an auditorium seating approximately 1200 people which can be used as a lecture hall or meeting place for area organizations and convention groups. Peripheral halls in this auditorium will be used for temporary exhibits and rooms will be provided for clubs and organizations which regularly meet in the Museum.

Part of the comprehensive Science Center is the extensive garden area

behind the present Museum. These gardens which serve as outdoor laboratories for botanists and horticulturists now include the Garden of Fragrance—the Rose Garden and the Old-Fashioned Flower Garden—and the Herb Garden. In the planning stage is a Garden of Food and Medicinal Plants of Aboriginal and Pioneer America.

There is no other site in the city of Rochester or its environs where all phases of science are brought together in a single location for the edification of the general public. This complex will represent a singular advancement in science education for the city, and, indeed, throughout the United States. There are only a few similar science centers in the country, one in Portland, Oregon, another in Boston and a third in St. Louis, which in any way approximate the planned Science Center for Rochester.

It is fitting that the Rochester Museum of Arts and Sciences, with its standing as one of the foremost community museums in the country and an international reputation for excellent interpretation, should join the ranks of these other forward-looking institutions to provide the material by which every citizen can be a better informed individual in the Space Age.

Adult Bird Spotters Course

Register before noon, March 10, for the ADULT BIRD SPOTTERS LECTURE COURSE to be conducted on seven Monday evenings from 8:00 to 10:00 p.m., starting March 12. The fee for the course is \$5.00 for Museum Association Members and \$8.00 for two in a Member family. Non-members, \$7.00. Mr. Allan S. Klonick is the instructor. (*See flier enclosed with bulletin*).

Change of Address

Do we have your correct address and zone number? Please advise of your change of address. There is a charge of 8c for bulletins returned for incorrect addresses.

Coming Events

WORLDS OF SCIENCE (*last lecture in series*) THE PENGUIN EGG AND IGY by *Carl Eklund*, scientific leader of Wilkes Station, Antarctica. Wednesday, April 11, 8:15 p.m.

MONEY AND HISTORY, exhibit in Hall of Culture History. Opens April 3 with special program. Phases of coinage and coins of foreign countries.

NATURE LEADERS' INSTITUTE—*dates and topics to be announced.*

Rochester Museum Progress for 1961

Summary Report of Director to Board of Museum Commissioners

The Rochester Museum of Arts and Sciences continued to fulfill its special obligation as a research and educational center for this city and the surrounding region. At the same time it carried out highly useful functions through preservation of scientific and historical materials, scholarly studies, exhibits, classes, lectures, publications and extension services. Our Museum was honored when members of its staff were called on several times to serve as advisers and lecturers to national and regional groups in various parts of the country. In addition, we are represented on the executive committees of the U.S. National Committee of the International Council of Museums, the New York State Association of Museums and the Committee on Museum Resources of the State of New York.

Six new permanent exhibits including full-scale dioramas of fishes of lakes, streams, rivers and ponds were opened to the public during the year. There were thirty temporary exhibitions, ranging in subject matter from the Cuna Indians of Panama and primitive art of Africa and Asia to inkwells and majolica porcelain. Two particularly notable exhibits, each of which were on view for six-month periods, were "Freedom to Learn: Women's Education, 1861-1921" and "The Rochester Soldier Goes to the Civil War."

An innovation in museum offerings was the introduction of a new lecture series for adults, "Worlds of Science," with seven programs including some on astronomy, nuclear physics and space science and a similar series of film lectures and demonstrations for young people, "Treasure Chest of Science." A refractor telescope, gift of Mrs. Homer A. Harvey, of Canandaigua, fitted with housing and platform, has been installed on the terrace roof and is being used by the public. These three examples indicate the Museum's response to the need for popular education in the physical sciences.

Total visitor attendance numbered 181,422 individuals, exceeding that of 1960 by 18,282. Four flower shows and four hobby shows brought 8,000 persons, and at the same time thirty-five Sunday openings, popular with family groups, attracted a total of 31,763, approximately 2,000 more than the previous year. Our School Service Division, through its classes, clubs and demonstration programs, served 731 groups with a total of 31,644, an increase of 4,000 over the figure for 1960.

A new trend of considerable significance was the demand for exhibit material by libraries, department stores, universities and other museums. Two are to be particularly noted: "Human Evolution," a six-panel display was circulated in four museums and was viewed by 50,000 people. "Making The Violin," displayed both in and outside Rochester over several months, was viewed by 4,800. Other popular displays were Victorian decorative arts, Civil War costumes and Iroquois Indian Arts and Crafts. There were sixteen of these extension loans, viewed by 34,500 people within Rochester and its immediate surroundings and 311,770 at points further away, including other States, constituting a total audience of 346,270 people.

Museum Divisions

Anthropology

The major accomplishments of the Anthropology Division during 1961 were in the areas of field research and exhibits. The Indian-White acculturation study from the Stone-Tolan excavations (in 1960) continued with more and more of the artifacts being identified. Mr. Charles F. Hayes, III, with assistants provided by funds of the Rochester Museum Association, spent 18 days excavating a prehistoric Iroquois site in the Bristol Hills. In addition to this work, surveys were made of archeological collections in three regional institutions and 18 new sites were recorded from Ontario County for the site survey file.

The two major exhibits installed were "The Stone-Tolan Site" and "UN Technical Assistance: A Two-Way Process." The latter included culture material from countries in Africa, Asia and the Americas and marked United Nations Week. In addition, materials were loaned to other institutions. Talks on anthropology and tours of the Hall of Man were presented to 17 groups, reaching 1,000 persons representing a significant increase from the total of 425 for 1960. Dr. Guthe published three articles and Mr. Hayes five.

It was a loss to the Museum and the community when Dr. Alfred K. Guthe resigned in June to become professor of anthropology at the University of Tennessee and director of the Frank H. McClung Museum. Effective August 27, Mr. Charles F. Hayes, III became associate curator of anthropology, leaving the position of junior anthropologist vacant.

Biology

Highlight of this Division has been the completion of a series of full-scale dioramas of local fishes. These were carried out primarily by Mr. Douglas Howland and include a stream with brook trout; the Genesee River with bass, pike and bullhead; Crossman Pond near Fisher's with sunfish, bass, perch and turtles; Lake Canandaigua containing lake trout, smallmouth bass and alewife. These groups were opened on July 19 with a talk and film by Dr. Udell B. Stone, of the New York State Conservation Department.

Temporary exhibits comprised live chicks, fish, amphibia and reptiles as well as pictorial shows of flower and mammal photographs. A special feature in November and December were original animal sculptures of "The Noah's Ark" in welded metal by Mrs. Judith Brown, of New York City.

There were two science courses for adults, the Systematic Bird Course (indoors) from March 13 to April 17 with Mr. Allan S. Klonick as instructor and the Bird Field Course from April 1 to May 13, twice weekly in the early morning, conducted by Dr. Edward T. Boardman and Mrs. Neil Moon. The Garden of Fragrance, which includes historic roses as well as medicinal and food herbs, opened officially June 25 and was used on all good days to early fall from early morning until dusk at the rate of 500 persons per week. The Curator gave talks to or guided 12 groups of 441 persons and served as adviser, consultant or photographic judge to 13 other groups. He also attended the American Association of Museums meetings in Detroit in May and visited 10 museums in Detroit, Cleveland, Toronto and New York City.

Culture History

Both of the large exhibits of the Division coincided with national observances. The first, "Freedom to Learn" dealing with the early history of higher education for women opened on February 18. Simultaneously, a 20-panel exhibit of photos and texts, "The Magnificent Enterprise: Education Opens the Door," prepared by Vassar College, was also opened.

The second, "The Rochester Soldier Goes to the Civil War," utilized material from the Museum's collections. It was a part of the local and national observance of the Civil War Centennial. The exhibit featured the soldier's life in camp and on the battlefield, as well as Rochester's part in the War.

The Curator also was responsible for planning a traveling exhibit, "Making The Violin." This display in two panels was carried out principally by Mr. Jon H. Alexander and shows the tools of the violin maker. Other smaller displays in the Hall of Culture History included majolica ware, valentines, family history, inkwells and weaving.

Research accompanied all of the exhibits installed this year. Curatorial work was done on the coat collection, accessory storage, Civil War material and most importantly on gowns. The latter were moved to a new storage area, sorted and hung according to date. On May 26 the Curator arranged a regional meeting of the Early American Industries Association which brought 32 members to the Museum from towns and cities in western and central New York. The Curator gave 8 talks and tours to a total of 550 persons. She attended 20 meetings and wrote five articles. She also visited museums and attended historical meetings in Toronto, Binghamton, Potsdam and Lancaster, Pennsylvania.

School Service Division

In this Division the year proved a highly productive one despite the fact that a full complement of staff was lacking until September. Teaching of classes, particularly of the elementary grades, continued to be a primary responsibility. There was a total of 627 classes in such museum topics as history, Seneca Indians, birds, animals and other science and social study subjects. The total number of children in these classes was 19,733. Four thousand forty of these were pupils in city elementary schools.

Circulating exhibits, as in previous years, were a popular offering. A total of 4,180 of these units traveled by truck to city schools or were called for by teachers and personnel of county schools and school districts. All of these displays reached a total of 125,000. Additions to the circulating collections included new miniature dioramas by Mr. Edward G. Cornwell, Jr.

Junior museum clubs, meeting after school hours, were divided into spring, summer and fall sessions. Subjects included Indian Crafts, Pioneer Crafts, Junior Geologists, Folk Dancing and others. Most popular and those with heaviest registration were the summer clubs. 573 children enrolled for six weeks during July and August. There were 9 paid and 27 volunteer instructors on the summer staff. Altogether, throughout the year, there were 208 club meetings with an attendance total of 4,000.

A major highlight was the discontinuance of the Treasure Chests and the

introduction of "Treasure Chest of Science," encompassing phases of natural and physical sciences and ethnography for 4th, 5th, and 6th grade pupils. The first show on Mammals, which included a lecture-demonstration with living animals by Earl Wells, of the Seneca Park Zoo, attracted 600 children.

Registrar

All acquisitions by the Museum are handled by the Registrar who also has the responsibility for records of objects and the supervision of the central storage area. For 1961, the Registrar reports the acceptance of 3,788 gifts from 407 donors. Of the notable gifts mention should be made of a cigar store Indian, a collection of Civil War documents, 122 items from Chile and Uruguay, carpenter's tools of the 1860's, a silver luster teapot, a lace-measuring machine and many more.

The Registrar reports more varied and more frequent requests for loans of museum objects which come from divisions other than School Service. Borrowers are individual scientists and specialists, churches, schools, libraries, industrial firms, banks, department stores and educational institutions.

Museum Library

Our Librarian reports that the Library now has approximately 14,000 bound volumes and approximately 725 bound periodicals. Eighty-eight new books were added during the year. Two important new collections of books, received as gifts, were the Civil War Library of the late John White Johnston (88 books and 18 pamphlets) and the Mrs. Robert Barton collection of Latin-American books (101 books and 120 pamphlets).

General work completed during the year included reorganization of vertical files, establishment of racks for current magazines (40 received each month), assemblage of all trade catalogues and travel books, automobile and motoring literature, etc. The Librarian planned and installed seven special exhibits.

Personnel

On January 4 the titles of David T. Crothers and Jon H. Alexander were changed from artist-preparator to senior museum exhibits designer. Mr. Philip Maley, a junior at the University of Rochester, came to the School Service Division as a part-time educational assistant, and served until June 2. On June 5, Mrs. Gavin Jenny succeeded to his position. On June 5, the Board of Commissioners voted the title of associate in Indian arts for Mr. Arleigh M. Hill, to apply to his additional duties in connection with work on the Iroquois arts and crafts materials. Mr. Istvan Ivanyi, formerly of Hungary, became a gardener on June 20, Mr. Aleksander Bielik resigned as gardener on May 27. He was reemployed as a part-time building maintenance helper on October 16. Mr. James Martens, employed as gardener on May 29, resigned August 21. After having served as museum educational assistant since August 15, 1958, Mrs. Beverly Smith Bemis resigned. Mrs. Gavin Jenny succeeded to her position on August 27. Miss Holly Anne Bugnacki, on July 17, took the unoccupied position of secretary in the School Service Division. After an outstanding record as supervising cabinetmaker since 1951, Olof Larson resigned for reasons of health on December 16.

ILLUSTRATED LECTURES

Sponsored by the Rochester Museum Association

WORLDS OF SCIENCE

COLOR FILM LECTURE

Wednesday, March 14 at 8:15 p.m.

TREKKING THE TIBETAN BORDER — Earl B. Brink

Sight, sound and color in people and costumes of remote Tibet by a distinguished traveler and photographer. One long trek across a 2,500 mile frontier, exploring this land of 3,000 year old civilizations.

TREASURE CHEST OF SCIENCE

FOR YOUTH

Saturday, March 3 at 10:30 a.m.

ASTRONOMY TODAY — George T. Keene

The wonders of the universe and recent observations concerning conditions on Mars and Venus and life on other worlds. How stars are born and die.

Saturday, March 10 at 10:30 a.m.

PIKA COUNTRY *Audubon Screen Tour Wildlife Film* Emerson Scott

The little rabbit-like pika is one of the leading characters in a stirring film lecture of vast, wilderness areas, inhabited by trumpeter swans and ptarmigan, magpies and pine squirrels, elk, moose and black bear.

Saturday, March 17 at 10:30 a.m.

LIFE DOWN THROUGH THE AGES — Fred Amos

Prehistoric animals, those strange and wonderful creatures that roamed the land and filled the oceans of long, long ago. Ancient life and the fascinating study of fossils.

ROCHESTER MUSEUM ASSOCIATION MEMBERS' NIGHT

Tuesday, March 20 at 8:15 p.m.

W. Stephen Thomas, Speaker

POLYNESIAN ADVENTURE: Search in Tahiti and the Islands of French Polynesia Under the Wind for a "Lost" American Naturalist-Explorer.

Color slides and Color sound film courtesy Pan-American Airways

SPECIAL EXHIBITIONS

1st Floor — **NATURAL HISTORY ILLUSTRATIONS** — in black and white and water color by Douglas Howland, Museum Artist.

2nd Floor — **OLD RUSSIA** — A selection of paintings, porcelain, silver, costumes, musical instruments and folk art of old Russia. *March 10 through April 10*

ORIGINAL WATERCOLOR PAINTINGS — of Garden Flowers and Fruits by the late Else Bostelmann which were prepared for the The National Geographic Magazine articles on "The World In Your Garden" and "How Fruit Came to America." *March 1 through April 30*

Library — **CALLING CARDS IN SOCIAL HISTORY** — an exhibit of visiting cards and card cases from mid-Nineteenth Century to date.

3rd Floor — **WEAVING EXHIBIT** — "A Study in Patterns" by Rochester Weavers' Guild
BIRTHSTONES — research material tells the story of origin.

1962 • MARCH • CALENDAR

- 1 Thursday Rochester Cage Bird Club — 8 p.m. Rochester Dahlia Society — 8 p.m.
Rochester Academy of Science—Mineral — 8 p.m.
- 2 Friday Rochester Academy of Science—Astronomy — 8 p.m.
Rochester Amateur Radio Ass'n — 8 p.m.
- 3 Saturday **TREASURE CHEST OF SCIENCE — 10:30 a.m. — Astronomy Today by George Keene, President, Rochester Academy of Science**
- 4 Sunday **FILM PROGRAM — 2:30 and 3:30 — African Village, English Literature: The Victorian Period, The Red-Winged Blackbird**
- 6 Tuesday Rochester Rose Society — 8 p.m. Rochester Numismatic Ass'n — 8 p.m.
Rochester Opportune Club — 8 p.m.
- 7 Wednes. Genesee Cat Fanciers Club — 8 p.m. Rochester Aquarium Society — 8 p.m.
- 8 Thursday Junior Philatelic Club — 7 to 9 p.m. Rochester Philatelic Ass'n — 8 p.m.
- 9 Friday Rochester Amateur Radio Code Class — 8 p.m.
Burroughs Audubon Nature Club — 7:45 p.m.
Morgan Chapter, N.Y.S.A.A. — 8 p.m.
- 10 Saturday **AUDUBON SCREEN TOUR — Pika Country by Emerson Scott —**
Youth Series, Rochester Museum Ass'n — 10:30 a.m.
- 11 Sunday **FILM PROGRAM — 2:30 and 3:30 p.m. — Appalachian Spring, West Indies: Geography of the Americas**
- 12 Monday **Adult Bird Spotters Course — 8 p.m.**
- 13 Tuesday Rochester Museum Hobby Council — 8 p.m.
Rochester Academy of Science—Botany — 8 p.m.
- 14 Wednes. Seneca Zoological Society — 8 p.m.
Rochester Academy of Science—Ornithology — 8 p.m.
ILLUSTRATED LECTURE — Trekking The Tibetan Border by Earl Brink —
Adult Series, Rochester Museum Ass'n — 8:15 p.m.
- 15 Thursday Genesee Valley Gladiolus Society — 8 p.m. Rochester Bonsai Society 8 p.m.
- 16 Friday Rochester Amateur Radio Code Class — 8 p.m.
Rochester Academy of Science—Weather—8 p.m.
Junior Numismatic Club — 7:30 p.m.
Genesee Valley Antique Car Society — 8 p.m.
- 17 Saturday **TREASURE CHEST OF SCIENCE 10:30 a.m. — Life Down Through The Ages by Fred Amos of Ward's Natural Science Establishment**
- 18 Sunday **FILM PROGRAM — 2:30 and 3:30 p.m. — Russian Life Today—Inside the Soviet Union, World In A Marsh**
- 19 Monday **Adult Bird Spotters Course — 8 p.m.**
- 20 Tuesday Rochester Numismatic Ass'n — 8 p.m. Optical Society of America — 8 p.m.
Rochester Button Club — 1 p.m.
MEMBERS' NIGHT — 8:15 p.m. — Polynesian Adventure, an illustrated lecture by W. Stephen Thomas, Museum Director
- 21 Wednes. Monroe County Hooked Rug Guild — 10 a.m. Rochester Print Club — 8 p.m.
Genesee Weavers — 8 p.m.
- 22 Thursday Rochester Philatelic Ass'n — 8 p.m. Junior Philatelic Club — 7 to 9 p.m.
- 23 Friday Rochester Amateur Radio Code Class — 8 p.m.
Burroughs Audubon Nature Club — 7:45 p.m. Rochester Archers — 8 p.m.
- 24 Saturday **PARENTS' DAY — Junior Museum Activities 2 to 4 p.m.**
- 25 Sunday **FILM PROGRAM — 2:30 and 3:30 p.m. — Japan, On Seeing Film — Film and Literature**
- 26 Monday **Adult Bird Spotters Course — 8 p.m.**
- 27 Tuesday Rochester Antiquarian League — 8 p.m.
- 28 Wednes. Men's Garden Club — 8 p.m.
Upper N.Y.S. Branch, National Chinchilla Breeders — 8 p.m.
- 29 Thursday Genesee Valley Quilt Club — 10:30 a.m.
- 30 Friday **ROCHESTER ACADEMY OF SCIENCE PUBLIC LECTURE — Australia's Great Barrier Reef by John Wells — 8 p.m.**

—All bookings subject to change and substitution without notice.

Polynesian Adventure - - -

MEMBERS' NIGHT, Rochester Museum Association

Tuesday, March 20, 8:15 p.m.

An illustrated lecture

by

W. Stephen Thomas, Museum Director

—on his search in Tahiti and the Islands Under the Wind
of French Polynesia on the trail of Andrew Garrett
(1823-1887), lost American naturalist and explorer

Women's Council
Hostesses