

# Evidence of Earth's Change Is Seen in Museum Exhibits

The wind was lashing the waters of Lake Michigan as we climbed the long flight of stairs to enter the great halls of Chicago's Museum of Natural History.

Built in the style of the Greek Revival, it copies an entire block. Here spread out in orderly array is a rich store of super-descriptions of Past Time gathered from many climes and cultures, at great expense and greater effort.

Displayed are the materials of which the earth is made and evidence of the forces by which it is continually being moulded; the plants and animals that are living or have lived upon it together with many of their fossil remains. Here also is a record of man's physical and social development as attested by his arts and artifacts.

EXHIBITS ARE arranged in 48 halls.

The great central Stanley Field Hall contains specimens stupendous for their rarity, beauty or general interest. Among them are two African elephants collected by the late Carl Akeley in the mountain forests of the Congo.

The larger has a shoulder height of ten feet and its tusks weigh 56 pounds.

Also displayed in this hall is the skeleton of a large flesh-eating dinosaur, "Gorgosaurus" found in Alberta, Canada. It is mounted in a standing position over the prostrate skeleton of a smaller duck-billed dinosaur which it presumably was about to eat. This scene might have taken place some 75 million years ago in a clearing along the pleasant shores of a lake in what was then a semi-tropical setting.

GORGOSARUS was a fearsome, predacious dinosaur with a large head and powerful jaws equipped with many sharp pointed teeth. He walked on his hind legs, his short

front pair hanging useless. His hind legs marked the final stages in the evolution of the carnivorous dinosaurs, the most powerful of the reptilian boards which held sway for some 140 million years.

ONE OF THE most impressive of the museum's many instructive dioramas depicts an African water-hole. We counted 23 animals gathered here at nightfall including 16 foot giraffe, a huge black rhinoceros, zebras, elands, oryx, gazelles and vultures. The whole is framed by an enormous fig tree and the "chimney" nest of a colony of African termites, made of clay.

Especially notable are the halls filled with the art objects and artifacts which reflect man's cultural and industrial progress through an approximate million years. We can note only a few of these.

EXHIBITS IN the Stone Age Hall show the earliest stages of man's development in Central and Western Europe.

Among them are copies made in France of primitive man's first cave drawings. Also shown are models of two bisons reproduced from moulded clay figures found in an inner cave in France during the Magdalenian Period of 20,000 years ago.

Chinese art of this period and extending to modern times is richly displayed in such objects as figurines of iron, pottery, clay and the "chimney" nest of a colony of African termites, made of clay.

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By Lydia King Fresh

# 'Pre-Hispanic Mexico' Seen in Exhibition

The splendor and achievements of Pre-Hispanic Mexican civilization are revived in an exhibition of Pre-Columbian architecture which opens July 6 in Cranbrook Institute of Science and continues through Sept. 8.

Spacious and prepared for its American tour by architect Augustin Pina Drenthof, "Pre-Hispanic Mexico" presents a view of the monumental architecture and civilizations of Mesoamerica from about the 9th century B.C. through the 16th century A.D. Mesoamerica extended from the northern part of central Mexico far into Central America.

Views of the sites of this architecture, such as the Temple of the Sun and the Temple of the Inscriptions at Palenque or the Mayan ruins at Tikal and the Pyramid at Monte Alban are illustrated by color transparencies, photo murals, maps and perspective sections.

DR. PINA explained the exhibit serves two main purposes, "one cultural in the analysis of Pre-Hispanic culture by means of its architecture and its relation to sculpture and the second to promote a desire to visit the places and sites where the great masterpieces are located."

Among the items are eight large, full-size reproductions in fiberglass of stone sculptures including "Atlantian figure" from Tula and the round head from La Venta.

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# Ideas

(Continued from 1-D)

"The design was made before the depression; it was later before the urban renewal idea developed." (The plan was rejected.)

MEANWHILE plans for Cranbrook began to jell. George Booth first commissioned Saarinen to design the school for boys. (This was in 1925, while Saarinen was still in an Art School.) Booth also got him thinking about and working on plans for the art academy.

"Mother and Father had been discussing the idea for an academy for two or three years. They were inspired by a visit to Rome's Academy of Art," said Booth.

"They asked Saarinen to come over and work on and get such an institution going."

SHORTLY AFTER Saarinen decided to come, George Booth began looking craftsmen and bringing them to Cranbrook, where he gave them a place to work.

"The instructional system was officially along the lines of the old guild system of masters and their apprentices," said Booth. (The Art Academy finally began granting degrees in 1942, when it was chartered; it received accreditation in 1960.)

It is also noteworthy that it is through Saarinen that Carl Milles came to Cranbrook. They had known each other before Saarinen came to this country, and when Cranbrook had need of a sculptor, it was Saarinen who persuaded Milles to come.

IN PROCESS and near publication is a book entitled "The Saarinen Door," to be put out by the Academy of Art and printed by the Cranbrook Press.

"It will be a profusely illustrated book on Saarinen at Cranbrook," said Booth. "... somewhat of a companion volume to the book on Milles put out in 1961."

AFTER The School for Boys and the Academy of Art (with the exception of the galleries and libraries which were built in the 1940's), the next major architectural projects were Kingswood School—a Saarinen "family project"—and the Institute of Science.

"Everybody—wife Loja, daughter Pipsan and son Eero—got into the act on Kingswood. The women concentrated on the interior design while the men concentrated on the structure and exterior to create what has become a trademark—integration of a building and its furnishings."

MRS. ELLIE (LOJA) Saarinen founded and headed for many years the weaving department at Cranbrook. She currently lives in a home designed by her son on Vaughan Road in Bloomfield Hills.

Eero, of course, went on to gain his own reputation as an architect. Pipsan is married to Bloomfield Hills architect Robert Swanson, whom she works closely with as her mother did with her father.

Saarinen died on July 1, 1960, in his residence on Academy Way.

# BRIDGE

in BIRMINGHAM

By HUD MAYBAUM  
Southern Michigan Bridge Association

At the recent master-point game at the Birmingham YMCA, we had the pleasure of observing Dr. and Mrs. Walker playing at North and South and winning this tournament.

You may remember this unusual hand and the various results obtained by the other North and South pairs. The good doctor and his wife did not take the easy way out like many others and play this hand at a small slam in either hearts or no trump but went all out for the grand slam in no trump, and by perfect plan, made this contract.

North and south vulnerable. Dealer is south.

NORTH  
♠ A 6  
♥ Q 10 9 6 3 2  
♦ Q 10 9 8 7  
♣ A 7

EAST  
♠ Q 5 4  
♥ 8 7  
♦ K 10 7 6  
♣ Q 9 5 4

SOUTH (Dr. Walker)  
♠ K 7 2  
♥ A J 4  
♦ A J 3  
♣ K J 8

The bidding:  
South West North East  
1 NT pass 3 ♥ pass  
3 NT pass 4 NT pass  
5 ♥ pass 7 NT pass  
Dblie all pass  
Opening lead: 8 ♥

West's lead of the heart is the only lead that made a problem with this hand.

Dr. Walker could count 12 top tricks and knew all books were off due to the double. He therefore won the opening lead with the ace of hearts and immediately played the ace of diamonds. He now ran off all his hearts, which left him with five cards in each hand.

He held all three aces and two spades in the closed hand. West held three clubs, the diamond king and a spade.

The doctor led a small spade to the king in the closed hand and returned a spade. West had to either stuff the diamond or one club and he made no difference.

A perfect execution of the squeeze play for a top-board!

RECENT WINNERS in Birmingham tournaments include: E. Cunningham and Gene Patent; Paul Scott and Jack Farrell; Mr. and Mrs. Hall; Roman Tschirg and George A. Alderlin III; Sue Brodny and Lynn Westover; Gene Grodan and Mary Ellen Briggs; Tom and Jim Crabb; Mr. and Mrs. Bottler; G. Kona and D. Kelly; Dave Cooper and Jim Fenwick;

# Band Plays at Fair

The Franklin Village Band will play during the Southfield Fair to be held Tuesday at Lahar and 10th streets. The concert will begin at 7:45 p.m.

# Media

(Continued from 1-D)

wood panels and masonry panels joined with a geosound of glue and plaster, or even on paper.

Driers can be added to quicken the drying process.

Most modern painters use oils due to their range of possibility. Recovered matter from meticulously realistic to heavy flamboyant abstracts may be expressed by this media. Thus it is the currently recognized traditional media for "important" works of art.

WATER COLOR, at its best, is a bright shimmering moment captured. It is a quicker media than oil, and neater to use. Materials are less expensive than oils and paintings are usually finished in one prolonged dash of inspired vision. The background paper is vitally important because it serves as "highlight" with transparent washes of color applied in layers for tone gradations.

Water colors must be quickly and deftly done—and right the first time. (You can't keep painting over it like oils.)

The English method of water color painting uses no opaque pigments. The French use white paint, gouaches and a scraping technique that are viewed with alarm by the purists.

THIS IS ONLY a partial list of the most used traditional means of painting.

Many painters are content to explore the endless possibilities visually within these established techniques. Although many paintings differ vastly from the traditional realistic ones in appearance, they are painted with traditional materials. But many artists have plunged exuberantly into the mixed media medium and are trying wild new things.

To be continued next week.

# Conductor

(Continued from 1-D)

BURTON, a Huntington Woods resident, and Mrs. Charles C. Betner of Royal Oak will continue to serve the South Oakland Symphony Society as board chairman and president, respectively.

Other officers are vice-presidents Nathaniel Gold, Bernard Lieberman and Mrs. Ernest Jay, all of Huntington Woods; Mrs. W. H. Koenigs of Birmingham; Louis P. Miller of Oak Park; and Dr. Harry J. Baker of Lathrup Village; secretary Roger Harter and treasurer Gordon Pitcher, both of Birmingham.

New members of the board of directors include Mrs. Wallace R. Hummon, Dr. Herbert A. Raskin and Mrs. Vernon Vennman, all of Birmingham; and Dr. Wolf W. Zuelzer of Pleasant Ridge.

OTHER tournaments to look to are the Sectional Tournament at Grand Rapids this week and starting July 4 and the sectionally rated charity game at the Elks Temple in Pontiac on July 27th at 2:30 p.m. This is a one-session event. If you desire a life-member for a partner in this event, please contact Ed Clarke or myself, and we will arrange this.

# SPARKLING

—Neat as a pin inside and out, you'll enjoy the roominess of this attractive colonial. There are 3 twin bedrooms (each with cross ventilation), glass-wall family room, full basement, 1 1/2 baths, and att. 2 car garage. Complete with carpets and drapes, it's READY FOR YOU! \$27,900.

# REFRESHING

—With the crisp freshness of modern styling, this appealing ranch is angled across a nice corner site and enjoys a park-like view to the rear. 3 bright bedrooms, large living and family rooms with divider fireplace wall, 1 1/2 baths, and att. 2 car garage. NICE! \$22,900.

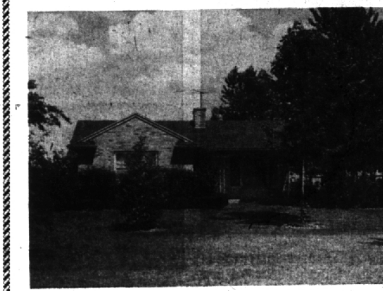
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Fireplace in living room  
Stainless Steel Built-ins in kitchen  
Slate foyer  
Panelled family room with beamed ceilings  
Carpeting, Draperies

Excellent Design, Quality  
Built, 3 bedrooms,  
3 baths Quad Level  
With a possible  
4th or 5th bedroom  
Separate dining room, plus  
Family Room  
Fireplace in Living Room,  
Breakfast nook, stainless  
steel Built-ins, range,  
refrigerator, dishwasher



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VALUE AND VIEW—Just across the street from this friendly colonial ranch are the blue waters of Meadow Lake. With an easy-living floor plan, your family will have 3 nice bedrooms, a beamed ceiling family room, screened porch with Bar-B-Q, 2 1/2 baths and att. 2 car garage. CALL NOW! \$34,900.

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