

Museum Of Science, Discovery Is Opened

Washington—A newly designed museum of science and discovery called Explorers Hall shines as the showcase of the National Geographic Society's new headquarters.

The museum—a window on the world and a look to the future—spreads over the high-ceilinged first floor of the 10-story, white-marble building at 17th and M Streets N. W. in Washington, D. C. It is open to the public on weekdays.

Striking new life-size displays and historic mementoes include a brooding stone head from a lost American civilization, a cosmic-ray spark chamber, Robert E. Peary's sledge, and a stratosphere balloon gondola.

The hall is designed to take visitors to the ends of earth, the edge of space, and the buried past with National Geographic expeditions. Since its founding in 1888, the National Geographic Society has supported more than 200 expeditions and research projects.

The world's largest unmounted globe is the centerpiece of the Hall. Cradled on eight rubber wheels or rotating on a spindle, the globe spins over black-granite reflecting pool. The sphere weighs about a thousand pounds; it measures 11 feet from Pole to Pole and 34 feet around the Equator.

The globe normally rotates on a north-to-south pole spindle tilted at an angle of 23 27', the same as the earth's plane. For special effects, the spindle can be lowered by remote control. An operator at the console can then manipulate the globe in the cradle formed by the wheels, rotating it in any direction.

Three maps on 10-by-15-foot panels greet visitors. The maps alternately turn into view as a recorded narration describes features. One depicts the world as known in 1651, another is a relief map of the world today, and the third is a colorful world map with blinking lights locating National Geographic expeditions.

Eighty of National Geographic's famous color photographs are mounted on a slowly revolving "kaleidoscope." The device juxtaposes striking contrasts and similarities: a beehive and an apartment building, a volcano and an ice cave, a honey ant and a brewery, a galaxy and an atom.

A diorama depicts Dr. Louis S. B. Leakey, the famed anthropologist, working in Olduvai Gorge, Tanganyika, where he found the skull of Zinjanthropus, an early form of near man who lived 1,750,000 years ago. A plastic sculpture over the skull suggests Zinjanthropus' facial contours. Soil for the exhibit came from Olduvai.

KIVA DEPICTED

A full-sized model of a smoke-stained kiva evokes the ritual life of the Indians of Wetherill Mesa, Colorado. They vanished about A. D. 1290 after living there some 600 years.

The Pueblo kiva was an underground ceremonial chamber restricted to male tribesmen. One lifesize figure in the display weaves a basket while a boy watches. Outside the kiva the skeleton of a cliff dweller lies on a bed of clay.

A cast of a giant stone head from Mexico's ancient Olmec culture peers from a jungle setting in a corner of Explorers Hall. The original carving was uncovered in Tabasco, Mexico, by a National Geographic Society-Smithsonian Institution expedition in 1939.

The Olmec head can easily be seen through large windows from the promenade outside the new National Geographic building. Several other exhibits are designed and lighted for viewing from the outside when the museum is closed.

In the polar section of the hall is a sun compass invented for Admiral Richard E. Byrd by Albert Bumstead, the late Chief Cartographer of the National Geographic Society. Byrd said he could never have made man's first flight over the South Pole without the compass.

A model of Captain Jacques-Yves Cousteau's ingenious Diving Saucer highlights an exhibit describing the work of the undersea pioneer. His explorations have been supported by the Society for more than a decade. A series of huge illuminated panels shows to great advantage many of the striking photographs that have appeared in National Geographic over the past 75 years.

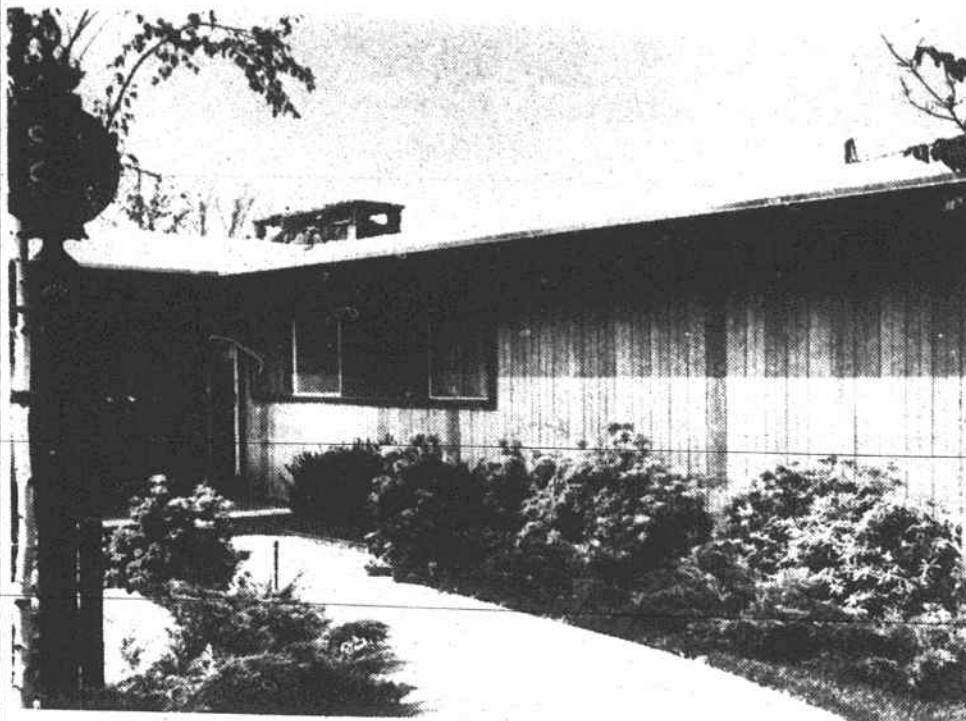
Two fine antique globes, made in 1831 by America's first globe maker, James Wilson, mark the entrance to a display on map making in the south part of the hall.

GREAT ADVENTURES
In the south section also are mementoes of two of the National Geographic's greatest adventures: the successful 1963 assault on Mount Everest and the record-breaking 1935 stratosphere flight.

The Everest exhibit includes clothing and tents of the climbers, spectacular summit scenes photographed in color by the National Geographic's Barry Bishop, and a relief model of the awesome Himalaya range.

At rest in a corner of the hall is the balloon gondola that carried Army Air Corps Captains A. W. Stevens and O. A. Anderson to 72,395 feet on November 11, 1935—a record for manned flight that stood for

Plantings Dignify Entrance Of Home



This entrance planting shouts "Gracious Welcome!" to friends and neighbors, says the American Association of Nurserymen. Members of the group are highly trained for the better plantings.

Trees And Shrubs Sweeten The Air As They Exhale Oxygen

Trees, shrubs, and other vegetation supply the oxygen that man requires to live, according to the American Association of Nurserymen. Enormous amounts of oxygen are released from plants to freshen the air. The oxygen is relatively close to the earth thinning out as one ascends into the atmosphere. By breathing in carbon dioxide and several other gases of combustion and releasing it in the form of oxygen, plants in heavily populated areas sweeten the air.

In the summer, plants also cool and moisten the air through transpiration of water from the leaves, thus moderating the climate in the vicinity.

21 years.

A section on space exploration shows, among other exhibits, an orrery, or working model of the solar system. Visitors depart from Explorers Hall beneath giant color transparencies of galaxies and nebulae that give them an illusion of being in space.

Ever notice how much hotter it is in cities, compared to the suburbs? Plants can have the same effect on individual properties. Vast quantities of water are released into the atmosphere from trees and shrubs, enough, in fact, to cause meteorological changes in some areas. Evaporation of water absorbs heat from the surrounding air, thus cooling it.

Plants of all kinds are so valuable to man everywhere, but especially in populated areas of the world, that in the past, great land areas have been abandoned in cases where plant life has been neglected and soil has been allowed to erode. Animals and man of course cannot survive without plants.

of some areas, with loss of their real estate values.

Heart Fund Gifts Show Increase

GREENSBORO — Statewide 1964 Heart Fund tally, to date, stands at \$401 thousand, with less than two-thirds of receipts reported, according to Mrs. J. Spencer Love, state drive chairman.

Many local campaign reports received at the state headquarters do not include Heart Sunday results, but, compared with the same date last year, the 1964 Heart Fund drive results indicate a "good-sized" gain over 1963. Mrs. Love said. State goal is \$565,000.

A new synthetic textile fiber for women's hosiery is said to prevent strain at the knee and wrinkling at the ankle and instep.

Ten Good Tips On Home Landscaping

Ten tips for better home landscaping are supplied by the American Association of Nurserymen as follows:

1. Study what you want from observation of other well-landscaped properties. Once you have what you want fixed in your mind, consult a prominent landscape nurseryman for a specific plan for your own property.

2. Get the whole family in on what you want your garden living to achieve. The nurseryman will tell you what and where to plant.

3. Good landscaping enhances the beauty of your whole property by "tying" the house to ground and supplying a lovely "natural setting" that will please your neighbors as well as you. See that this is achieved as it will be a delight for you and your family for many years.

4. Plant in gentle curves. Avoid straightline planting, in most cases.

5. Try to get variety of form and color in your plants. You want evergreens for winter color, as well as different leaf textures, and barks.

6. Obtain privacy with your plants by installing varieties which screen off any views you don't wish.

7. Many shrubs or trees such as roses and camellias provide cut flowers for the home. Plant at least some of these, according to your climate.

8. Annuals and perennials can be used advantageously for brilliant colors and cut flowers.

9. Consider ground cover plants for sloped areas where grass may be difficult to cut.

10. Good taste is very important in landscaping. It should

accentuate the better architectural lines of the house, obscure any poor lines that might exist. Don't overplant. There's a happy medium. Allow for plants to grow in size. Nurserymen will advise you.

GIVES ARM

The robber was haled before the judge for stealing a necklace out of a jewelry store window.

"Judge, your honor, that window was broken and all I did was stick my right arm in and it picked up the necklace," he pleaded. "You gonna punish the whole man for what his right arm did?"

"That's pretty good," replied the judge. "Tell you what: I'll give your right arm ten

years. You can go along with it or not."

"Thanks, judge," said the burglar, unscrewing the right arm and handing it over.

THE REASON

A Scotchman was telling a friend how to reach his home and help him celebrate his wedding anniversary.

"We're in an apartment house. Apartment Four on the seventh floor. Just push the bell with your elbow."

"My elbow?" wondered the friend. "For goodness sakes, man! I hope you're not coming empty-handed!"

A mat for schoolhouses combines revolving brushes, a snow-melting heater and a vacuum cleaner.

DANCE & SHOW

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SAT.-- MARCH 21ST

10:00 A. M. - MACON, N. C. FIVE FORKS SECTION

This Personal Property Sale Will Be Conducted At The Jesse Gardner Homeplace—7 Miles North Of Macon, N. C. On The Churchill Paved State Road # 1335.

LIST OF FARM ITEMS TO BE SOLD AT THIS SALE:

- 4—Extra Good Double Wagons
- 3—Good Single Wagons
- 15—Double Plows
- 10—Single Plows
- 8—Cole Combination Planters
- 4—Fertilizer Distributors
- 5—Corn Kings
- 1—John Deere Rubber Tire Wagon
- 1—McCormick Horse Drawn Rake
- 1—Almost New Large Farm Trailer
- 1—Root Duster
- 3—Hand Tobacco Setters
- 1—Double Section Drag
- 1—Weeder
- 6—Cultivators
- 6—Cotton Plows

Also In This Sale We Will Have Other Items Of Sweeps—Some Items Of Furniture & Small Misc. Farm Items. Every Item Will Be Sold In This Sale Regardless Of Price. Be Sure To Attend. Set Your Price—Give Us Your Check or Cash and Lets Do Business.

TERMS — BARBECUE DINNER WILL BE CASH AVAILABLE AT THIS SALE
R. B. BUTLER AUCTION CO.
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SPECIAL STOCKER & FEEDER SALE



400 HEAD ANGUS & HEREFORD CATTLE THURSDAY, MARCH 19th. 1:00 P. M.

These cattle have been consigned from 8 farms located in Warren & Vance counties; consisting of approximately 125 Hereford and Angus Steers, weight 300 to 650 lbs., 200 bred Hereford and Angus Heifers, 40 Hereford and Angus Heifers, weight 400 to 500 lbs. The rest are cows with calves at side. Also a few Brahma cattle; including 1 real top Brahma Bull and 7 Angus an' Hereford Polled Bulls.

Try to be with us at 1:00 p. m., on the 19th. Either buying or just visiting you are most welcome. Barbecue and Brunswick Stew will be available. Come early and be with us when the Sale starts.

For any additional information call B. W. Currin, Warrenton, N. C. Phone 257-3833.

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