

Upjohn Company

BRAIN OF MAN—An electrified model of man's brain demonstrates how a person receives an image or sound, and how he transmits, judges, reacts and stores it in his memory. Designed by Upjohn Company, the mechanical wonder is housed in the Hall of Science at the World's Fair.

Fair View of Future

(Continued from p. 235)

—a record of what we eat, do and think for future generations. A model of the capsule hangs between spires from the three circular housings of the Westinghouse pavilion, over the spot where, 25 years ago, Time Capsule I was buried.

Within the soaring white wing of the Bell System pavilion, the communications story is told from primitive drums and smoke signals to today's lasers and masers of world and space communications and the future's television-telephones.

A ride through the General Motors' Futurama unfolds exhibits of the polar regions, the ocean, jungle and deserts, cities of tomorrow and a trip to the moon. Seen on this week's front cover is an exhibit of a modern city in Futurama which solves many traffic problems by sending streets through the air above existing thoroughfares.

Around the glass-enclosed rotunda-like structure of Ford Motors, electrically powered convertibles carry riders around a magic skyway, past exhibits of cavemen and prehistoric animals, present-day cities and vistas of the future.

A starburst of nighttime splendor, the Tower of Light is bathed in changing pastel shades of light. Designed for Electric Power and Light, this Gothic "cathedral of light" is formed of triangular prisms of aluminum, illuminated by 12 searchlight beams of 12 billion candlepower.

• Science News Letter, 85:234 April 11, 1964

Nature Note

Flowering Dogwood

Famous for its beautiful spring blossoms is the beloved flowering dogwood, *Cornus florida*, of the eastern United States. But the true flowers of this ornamental tree often go unnoticed, except to a trained eye.

What look like broad white or pink flower petals are in reality silvery gray bud scales that cover the actual flowers at the branch tips during the winter. Beginning in March in the southern part of the country the scales begin to unfold and grow at their base into four white bracts.

The true flowers of the dogwood are small and greenish-yellow, inconspicuously located in the center of the showy bracts. And what is mistakenly believed to be one dogwood flower is in reality a cluster of many flowers.

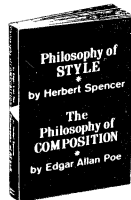
The dogwood is called an "understory" tree or shrub by botanists because it is one of the smaller trees, such as some cherries, hawthorns and hop hornbeam, that grow under the taller canopy or upper story of beeches, maples and hickories. The dogwood usually grows from 10 to 20 feet in height, spreading its branches in thick, horizontal layers.

The tree is beloved not only for its showy "flowers" but for its rich green summer foliage that turns a deep red in the fall. In autumn and winter it attracts birds when its branches are filled with scarlet berries.

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