

• SCIENCE SHORTS •

A miscellany of happenings and information in various fields the world over

Arthritis and related rheumatic diseases strike one out of every five families.

More than 200,000 doses of measles vaccine have been distributed to physicians and health clinics in New York State since September 1965.

"Hot" atoms are so-called because the temperature equivalent of the speed at which they move is about 100 times the temperature of the sun.

The elusive golden mouse, first described to science in 1841, is one of only two species of mice that spends most of its life in trees.

The brewing industry has been a pioneer in fostering a number of technological and scientific advances including refrigeration, microbiology, pasteurization and high-speed automated equipment.

More beer is consumed in the United States than anywhere else in the world.

Drainage from irrigation can be conserved and reused on crops, that are salt-tolerant.

The world's first elevator equipped office buildings were opened in New York in 1868.

In a period of just three years (1929-31), four successive "world's tallest" buildings were completed in New York: 40 Wall Street, 60 Wall Tower, the Chrysler Building and the Empire State Building.

Since 1957, 148 hospital nursing schools have been closed.

The first passenger conveyor in the world to link three floors has been installed in a department store in Linköping, Sweden.

A better model of earth noise that can permit more efficient and precise interpretation of the planet's varied seismic activity is under development.

Beer came into its own in the Christian era when brewing techniques were perfected in the monasteries.

It is technologically feasible to build a high-speed ground transportation system in the Washington-Boston corridor, using vehicles capable of reaching speeds of 300 miles per hour.

Washoe, a new alfalfa variety, is resistant to four pests.

Ultrasonic energy, vibrations at frequencies higher than those which can be heard by the human ear, is used for burglar and fire alarm equipment.

Rechargeable nickel-cadmium batteries, unaffected by extremes in temperature, are used as a power source in most equipment probing outer space.

The number of children studying music in the United States has quadrupled in the last 18 years.

Serious eye damage and cosmetic disfigurement as a result of blow-out fractures to the eye socket, which occur when a blow is delivered directly against the eyeball, may be avoided through early detection of the condition by X-ray studies.

The wireworm typically enters the tobacco plant and feeds internally all the way from the bottom of the plant up through the stem to the buds.

The Mont Blanc Tunnel, seven and a quarter miles long, is an all-season link between France and Italy through the otherwise impenetrable Alps.

The Gulf Stream expands and contracts, often changing its course as much as 20 miles a day.

Still undiscovered bits of matter called particles may be even more basic components of the atom than the elementary building blocks called leptons, baryons and mesons.

The number of people who go to concerts exceeds those who go to baseball games.

The precise date of the dedication of a Nabataean temple on a hilltop overlooking the Dead Sea has been deciphered finally as March 23, 5 A.D.

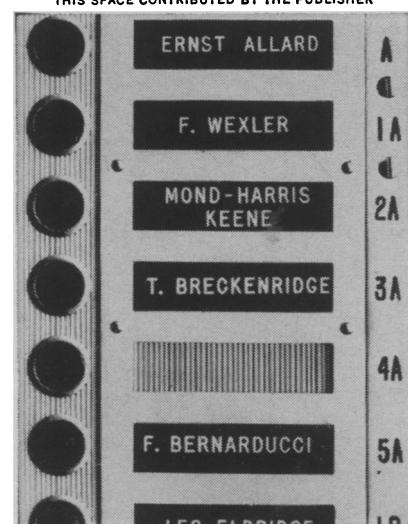
Giant domes to house entire communities are being studied as a step toward total environmental control undersea, on the earth and even on the moon.

A hundred thousand million tons of warm water pass through the Straits of Florida every hour.

The longest span of undersea cable in the world, stretching 3,600 miles from Tuckerton, N.J., to St. Hilaire-de-Riez, France, placed in service in 1965, can handle 128 simultaneous conversations.

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THIS SPACE CONTRIBUTED BY THE PUBLISHER



Lucky for you it's always the guy next door.

This is a way many of us think about cancer: it only strikes the guy next door... avoids you. Yet in 1965, cancer killed 805 guys next door every day. About 295,000 during the year.

It can't always be the other guy all the time. One day it may be someone in your own family... or a dear friend or neighbor.

What can you do about it? You can have a health checkup every year. Many cancers are curable if detected early and treated promptly. Over 90,000 Americans die each year of cancer, who might have been saved. But they delay seeing their doctors until it's too late.

Further, there are cancers that science does not yet know how to cure. Money is needed to continue the attack on cancer's resisting secrets. Money to support research under way will help provide answers.

By fighting cancer with a checkup and a check, someday it won't have to be the guy next door. Or you. Or anyone.

american
cancer
society