

Held Mandrake Gifted With Peculiar Power

Mandrake, known to present day botanists as an anesthetic and narcotic, since Biblical times has been supposed to have powers of love and fertility...

Undersea Craft Idea Dates Back Centuries

Few and evil have been the days of the submarine, which it is hoped to banish from the fleets of the world. But experimentally the idea goes back into a very remote past...

Took Man Centuries to See Value of Fork

In "good old times," when human beings were always within 24 hours of starvation, man ate only with his fingers. He hunted for his food in the woods or by the seashore...

HOW MONTHS OF THE CALENDAR GOT UNEQUAL DIVISION

Perhaps not every one is familiar with the reason why all months of the year have not the same number of days. Month really means "Moon"...

HOME, DAD AND THE BOY

By FRANK H. CHELEY. THE world often calls him the successful man, and prints his history in Who's Who. He gives his family everything they need but himself...



BUREAU OF HEALTH EDUCATION N. C. STATE BOARD OF HEALTH "LIGHTNING"

THE lightning may strike where it will but there is always a definite reason for its willing to strike where it does.

Dog Trainers Differ in Methods of Work

Most dog trainers deny the truth of the saying that you can't teach old dogs new tricks. The facts appear to be that a dog more than two years old is more easily taught than the average puppy...

British Guiana Jungle Still Awaits the Explorer

British Guiana bush is a dangerous maze. Savages find their way by means of secret marks, but a tenderfoot enters at great risk. The country is five times the size of England...

How Scientists Learned Secrets of the Plants

To discover how flowers feed-starve them, if you would learn why most plants grow upwards—pin them along the ground. These are among the experiments conducted by students in the recently opened Sargent Laboratory for Plant Physiology...

Insects and Scientists

Scientists are making a special study of animal and insect life as a means of determining changes which have taken place in the earth. The relations insects of one region bear to those of another indicate that certain islands were once connected...

Modern Heroine

Barbara was selfish, thirsty for pleasures of the most vulgar sort, amused herself by collecting adorns and treating them badly, was stupid and a liar—in other words, was one of the normal types of healthy young womanhood...

Fire Preserves Fruit

A new process for preserving fruit, vegetables and kindred things makes use of a system similar to that adapted for exhausting wireless valves. According to recent research the main cause of decay in perishable goods packed in tins is the presence of oxygen...

Weight of the Air

The poet writes of "trifles light as air" and we often talk of the "airy nothing," but the atmosphere which surrounds our planet and accompanies it on its journeys through space is not so light as we often imagine...

Had Wrong Willie

It's something startling to be called to the telephone by an unknown person. A youth in a downtown office was called to the "phone recently "Are you William G. Smith?" a voice asked. "Yes, sir," replied meek Willie, who is just sixteen and is not at all sure of himself...

How Long Fishes Live

How long does a fish live? Not out of water. Any boy can tell that from observation. But with proper food—everything it needs? According to Popular Science Monthly, Major F. S. Fowler of England, who has been conducting a special study to find out, reports that a catfish, with which he is acquainted, is now fifty years old and is still lively...

Earliest Known Letters

It was formerly believed that the earliest extant collection of formal letters was the series of about 150 Greek epistles professing to have been written by the tyrant Phalaris of the Sixth century B. C. A controversy arose, however, and Richard Bentley, in his famous "Dissertation on the Letters of Phalaris," in 1690, demonstrated, as is now universally admitted, that they are of comparatively late origin...

Balance Your Diet

The balanced diet is the healthy one and contains all three of the important vitamins. The principal food value of bread and meat lies in their protein content but they are low in vitamins B and C, and if you would be sure of more balanced rations insuring plenty of each essential, use the citrus fruits often. The juice of the grapefruit has a high content of vitamins B and C that provide the proper amount of carbohydrates and salts...

1ST AMERICAN YOUTH ENTRY



Edith May Adams, eighteen-year-old Barrington, N. J., girl, presenting her entry blank to Mayor Kendrick in his office at City Hall, Philadelphia. The American Youth and Teacher Award was established as a tribute to American youth and teachers by the Board of Directors of the Sesqui-Centennial International Exposition...

What Causes Clumsiness?

Dr. E. C. Clements, who is a British physician and aviator, says that many people are clumsy because they lack the proper balance between the muscular systems of their eyes. The physician made a thorough study of the eye disorders which make some men incapable of becoming good aviators. The clumsy man cannot land the planes successfully, even if he can operate them successfully when in the air...

About the East

The phrase Far East designates China and Japan and that region of Asia that is most eastern, whereas the Near East refers to the Levant, Turkey, and the countries adjacent thereto. Originally in the political world, Turkish affairs were referred to as the Eastern Question. In those days, the mid-Victorian period, the regions of the Far East were designated by the names of the countries referred to. It was only when the dismemberment of China was determined upon by Russia and Japan that the phrase Far East came into prominent use...

Woman Veterinarian

It is strange to hear of a profession that is not overcrowded; it is stranger still to be told that there is only one woman veterinary surgeon in the United Kingdom. This is Miss Aileen Cust, daughter of the late Sir Leopold Cust, who began practicing in Ireland and soon had such a big practice that she required four horses to cover her country. She has now settled on the borders of the New forest.

How to Pack China

Line your packing case with a good layer of straw, sprinkle it well with water before putting in each article filled and wrapped in soft paper and wound round with straw, and put a good layer of well-sprinkled straw between each layer of glass or china. The water makes the straw expand so that each article is firmly wedged in place.

His Befuddlement

"Hello, Uncle Riley!" saluted Constable Sam T. Slackgutter of Petunia, upon meeting the veteran. "What's pestering you?" "It don't matter the least to me or anybody else in the world," replied old Riley Rezdiew, "and so I'm trying to remember and can't get it out of my mind, whether the great blizzard of 1886 occurred in 1884 or 1887?"

Built House in Treetop

In a treetop near Masquan, N. J., an enterprising man built himself a house five years ago. There he has dwelt, rent free—now he must abandon his primitive abode. The tree stands in a lonely spot near the beach. The city is planning to extend an avenue and the tree, in the way, must come down. The tenant must look for another tree or he himself to a boarding house or apartment. The tree man is employed by the street department. Five years ago he became enthusiastic over outdoor life. He built a frame structure in the tree, 5 feet wide, 7 feet long and 5 feet high. It is 12 feet above the ground and supported by sturdy branches. On both sides are openings just large enough for a man to crawl through. He reaches his nest by means of a ladder.

How Dew is Formed

Dew is moisture condensed from the atmosphere, including the air contained in soil, and gathered in small drops on the surface of plants and other bodies, which radiate heat well but conduct it badly. Frost is formed on nights when the dew point is below freezing point.

How Clothes Got Name

In studying the history of wearing apparel it has been ascertained that the word cap came from a hooded cape; coat from the Latin "cotula," meaning tunic; jacket from "jaquet" or coat of mail and skirt from "skyrta," meaning short. The word costume itself comes from the word custom, and pajamas from the Hindoo word "pajama" meaning leg cloth.

Ancient Birch Bark Canoe

Thomas F. Allen, of Bangor, Maine, has a birch bark canoe which is more than 100 years old. It is in perfect condition and is further remarkable from the fact that it is made from a single piece of birch bark. He bought the canoe from an Indian woman some 15 years ago and it was then more than a century old. It had been made by the woman's grandfather and when she sold it she was an old woman.

Her Memory Recared

Lady Arabella was the daughter of Thomas, earl of Lincoln. She married Isaac Johnson, who left his native land for New England from religious motives. Lady Arabella cheerfully accompanied him, and they arrived at Salem, Mass., in April, 1690. Her exalted character and gentleness gained her universal esteem, but she died in the September following her arrival. Mr. Johnson survived her little more than a month. He is regarded as the founder of Boston, and though his time was brief, yet the good work he accomplished will never be forgotten by the people of New England. But dearest still is the memory of Lady Arabella.—Denver News.

Sea Oil Wells

Sea-going vessels frequently report having passed through parts of the ocean where the surface of the water was covered with oil for a distance of perhaps many miles. The source of this oil is frequently a mystery. In some cases it is known to have been due to oil-carrying vessels which have sunk, but in others it is believed to be due to oil wells on the bottom from which the oil rises. In some cases it has been observed bubbling out of the water, as if a steady stream of it were rising. These apparent submarine oil wells are most common in the Gulf of Mexico and off the western coast of South America.

The Actor

Consider the life of a photoplay actor—now he is hero and now malefactor. There are millions to gasp at the twitch of his eyebrow—there's Nathan to call him a pit-throwing high-brow. He sails for France amid kisses in gossamers—he rides the shoulders of princes and visiers. From Renaults on Fifth he disdainfully scans us—his autographed photographs clutter up Kansas. Newspaper writers deny that he means well—they certainly have to admit that he screens well. The road to success has its twistings and stridences—but it's certainly grand to be famed for your pictures.—The New Yorker.

Not a Tutor

Billy, age five, lives at Muncie with his Aunt Dean. Billy has a habit of playing in water, and recently she was admonishing him for the misdemeanor. Billy kept on permitting the icy freshets from the spout to trickle over his hands. "Gee, this is cold as devil," Billy said nonchalantly as his aunt attempted to pull him away. "What's that you say?" inquired auntie. "Learn it for yourself," Billy explained as he backed away from his soggy haunts.—Indianapolis News.