

THE HAMMER OF THOR

Old Norse mythology pictured Thor, the god of war, thunder and agriculture, as destroying the giants with his magic hammer. That hammer was a good idea. And the conception of the destruction of giants was not far-fetched, according to the theory of earthquakes as advanced by Ellsworth Huntington and Stephen Visher, professors at Yale and Indiana Universities, who tell a startling story about sun spots.

For there are tremendous blows struck upon the earth's surface and giant mountains are shattered by them. When the barometer registers a drop of two inches, as it has been known to do in many hours, a load of about 2,000,000 tons is removed from every square mile of land affected. A two-inch rise in the barometer means that 2,000,000 tons of additional pressure are thrown on the earth.

Typhoons, hurricanes, and our lesser storms hammer on the crust of this old earth of ours. Frequent storms mean frequent hammerings. But even such a load as is hurled on it by one of those tropical cyclones is slight when compared with the strength of the rock-ribbed and ancient earth crust. As many have found out, this world is a hard nut to crack. This Thorlike hammer of air which may shatter mountains merely plays a role very similar to that of the proverbial straw which may break the proverbial camel's back.

The underlying cause of breaks in the earth's crust, which are frequently of such magnitude as to cause earthquakes, is the contraction of the earth itself. This contraction puts the crust under a constant strain. This strain is enormous, so much so that in comparison the blows of the severest storms, which we have called tremendous, are merely gentle taps.

But the earth's contraction is a slow-moving force, and even the most brittle glass would bend if the strain were applied to it slowly enough. "But suppose," say these scientists, "that while the tension is high the glass is tapped. A gentle tap may be followed by a tiny crack. A series of little taps may be the signal for small cracks to spread in every direction. A few slightly harder taps may cause the whole sheet to break suddenly into many pieces. Yet even the hardest tap may be the merest trifle when compared with the strong forces which are keeping the glass in a state of strain and which would ultimately bend it if given time."

Other forces may play a part, but it is these storms which are credited with furnishing the breaks in the folding earth's shell. They often make themselves felt in the form of earthquakes. Investigations by these meteorologists disclose that earthquakes occur in seasons of great storms and that the great storms are most pronounced when there are the most sun spots. So, according to their theory, spots on the sun—which are believed to be big electrical storms—result in rock-breakings and earth tremors on this globe of ours. The Thor that wields the atmospheric hammer is the sun. But the planets which are his satellites and even the distant stars influence our light source in some unthought way and cause the sun storms which produce the earthly storms which, in turn, provoke the breakings which are earthquakes.

Whistling Healthful as Well as Musical.

Alice Miriam Heller, of Reading, Pa., a teacher of whistling, declares that there is an art of whistling which belongs to the big musical accomplishments. She said recently: "It is perfectly possible to have a chorus of trained whistlers that is certainly as lovely, if not lovelier, than the ordinary chorus. In Los Angeles, which boasts the only school for professional whistlers in the world, we had a group of forty whistling voices and the results obtained were remarkable and very beautiful."

"Nor is whistling good just to listen to. It may also be made a form of beautiful exercise that is without parallel for lung development. In addition, the person who whistles never has to make the old and time-worn excuse of the pianist or player of other instruments, 'I am sorry, but I have left my music at home.' Nor has the whistler ever to worry about colds, since they rarely, if ever, affect the vocal cords used in the production of a whistling tone. Last, but not least, the whistler possesses an instrument of expression that is no trouble, that is never left at home by mistake, and that doesn't depend on correct temperature of the room or any other variable medium."

Merely Prevention.

Willie was under orders never to go in swimming. And mother meant to see that he obeyed. So one day she became suspicious.

"Willie, your clothes are wet," she said. "You have been in the water again."

"Yes, mother; I went in to save Charlie Jones."

"My noble darling! Did you jump in after him?"

"No, mother. I jumped in first so as to be there when he fell in."

Claimed as the most wonderful set of church bells in the world, a carillon is now being cast in Greydon; it will include 58 bells and is to form a memorial to a millionaire's mother.

RED ROSE

For particular people—
Roasted and packed same day in airtight cans

Surnames and Their Origin

JENNINGS.

Variations—Jenkins, Jenkinson, Jenks, Jennison.
Racial Origin—Middle English, also Welsh.
Source—A given name.

Though you would not think so to look at them, the name of Jennings and the foregoing variations are simply one classification of the innumerable host of family names which have developed from that most common of all given names, John.

From its original Hebrew form of Jehohanan, the name of John has developed into nearly every sort of sound around which the human tongue can twist, through pagan as well as Christian names. Indeed, it is held that the name of Hannibal, the great Carthaginian warrior who crossed the Alps with his elephants, and nearly smashed ancient Rome, was simply a variation of John. Carthage was founded by Phoenicians, who came from the coast near Palestine.

But in England the name of John came to be spelled in many different ways according to the linguistic tendencies of individual localities. It is found as Jon, Jan and Jen, among other forms too numerous to mention. Jen-kin (little Jen) was a very common development from the latter, from which the surname of "Jenkin's son," or Jenkinson was derived quite normally, being shortened in the course of time into the variations noted. Where the name Jennings traced back to Ireland it was formerly MacJennison (descendants of John), and changed to the English form under the pressure of English laws which at

various times in various sections of that country forbade the use of native family names.

CLEVELAND

Variations—Clive, Cliff, Cleve.
Racial Origin—Middle English.
Source—A geographically descriptive word.

Cleveland and its variations trace back to an old Anglo-Saxon geographically descriptive term, as do Grover and its variations.

The old word was "clough." It meant a cleft or fissure between hills in those days and its modern use as "cliff" was probably a secondary meaning. The variations, Clive, Cliff and Cleve, of course, are developments of the original spelling, and are useful in determining in what general sections of England a family may have lived at various periods. It is only in very modern times that spelling has been standardized. Throughout the middle ages people spelled very much as they pronounced, and there were marked differences in pronunciation tendencies in the different parts of England. Originally such names as Clive, Cliff and Cleve were written "Atte Clive (at-the-cliff), Atte Cliff and Atte Cleve, or at earlier periods, when French was used more commonly and was the official language, "de la Clive" (of the cliff).

Cleveland, as a family name, gives a little more definite information as to the origin of families bearing it, which must have come from a section of Yorkshire known by that name, and of which the city of Middlesbrough is the capital.

Being Busy.

When people tell one another how busy they are or have been, although they are likely to lament the "busyness," they usually regard it as creditable. And yet to be busy is not necessarily to be engaged in anything worth while. Being busy and working are by no means synonymous. The disparaging expression "a busybody" arose from a perception of that fact. People who keep themselves constantly occupied with work have no time or inclination for mischief-making, yet people can busy themselves in making mischief. They can busy themselves too in ways that do no special harm to others and that are yet futile and frivolous. A great many people, for example, are busy performing social acts and rites that have no particular value.

Being busy in the sense of being constantly occupied with the little complications in the web of life is a harassing and discouraging form of activity, says a writer in Youth's Companion. Yet nowadays people give more time and effort to the attempt to deal with such complications than ever before—because the complications are more numerous and intricate.

The persons who are busy most of the time on productive, interesting work of some kind, and who do not allow the element of busyness to invade their hours of recreation and relaxation, have a sound philosophy of life and are living in accordance with it.



The Marriageable Age.

"When is the proper age for a girl to marry?"

"Any age at which he is able to make money enough to live in style."

Keep Minard's Liniment in the house.

Australia, the Peculiar.

Nature thus displays peculiarities that would seem almost to be the product of human imagination. Not only are there white eagles and black swans and non-barking dogs with wolves' heads and foxes' tails; not only does the salmon fish fit itself in the rivers and the perch in the sea, but the barometer rises before rain and falls to foretell fine weather.

Paper money wears out and the average life of five dollar bills is about ten months.

When someone was complaining of insomnia, an Irishman recommended a sure cure for it. "Go to bed," he said, "an' shape it off!"

Desire.

Life is a prison house, it seems, And all man's eager thoughts and dreams Are colored windows . . . looking through. He sees the heavens arching blue, Sees earth and all earth's lovely flowers, Sees golden noons and evening stars, Sees dawn's soft, pulsing, shadowed hours— And, hungry hearted, beats the bars.

There is a window in the wall Higher than any man is tall . . . I've gazed from it all night until I curse the hour I gained its sill, My feeble hand all night has pressed The pallid glass, while from above The moon, unloved and uncared, Shines far and faintly as my love—

—Winifred Lockhart Willis.

WEAK ANAEMIC WOMEN

What They Need to Restore Good Health and Vitality.

The woman who feels tired out, who aches all over when she rises in the morning, who feels depressed most of the time, needs the help that Dr. Williams' Pink Pills can give her—new, rich blood and stronger nerves. The number of diseases caused by poor blood is amazing, and most women are careless about the condition of their blood. Their nerves are quickly affected; they worry over trifles and do not obtain refreshing sleep. There may be stomach troubles and headaches; shortness of breath and a fluttering of the heart. This is a condition that calls for Dr. Williams' Pink Pills, the blood-improving, nerve-restoring tonic. Mrs. William Henry, Lovett Street, London, Ont., has proved the value of these pills, and says: "I had a very severe attack of anaemia. I was always tired and the least thing would make me sick at the stomach. I could hardly go about and suffered terrible pains in my legs from cramps. I had no color in my face and was as white as a sheet. The doctor gave me several kinds of medicine, but I did not get any better. I did not get results from it. Then I went to a hospital and was there for three months, but came home no better than when I went. My friends were worried and feared consumption. While I was still in this condition a friend told me to try Dr. Williams' Pink Pills. I tried them and after a time felt they were helping me, and I gladly continued their use, and am thankful to say that I am again a well woman, and I firmly believe that had it not been for Dr. Williams' Pink Pills I would not have got better."

The new sales tax will not increase the price of Dr. Williams' Pink Pills, as the company pays the tax. You can still obtain the pills through any medicine dealer at 50 cents a box, or by mail, post paid, at this price, from The Dr. Williams' Medicine Co., Brockville, Ont.

Mooring a Dirigible.

The proposal of the U. S. navy to fly to the Pole in the Shenandoah, Uncle Sam's biggest airship, includes the establishment of an air base in Alaska from which the start would be made. It is unlikely that a special hangar for the big ship would be built there, and it is much more probable mooring masts would be utilized to hold the Shenandoah between flights. Such masts already are in use at the Lakehurst, N.J., naval station.

The usual airship mooring mast is about 200 feet high and is of steel, firmly based in concrete. The nose of the ship is made fast by cables to a swivel arrangement set in the head of the mast. This swivel, moving freely, permits the flying craft to swing to the wind, much as a ship swings to its anchor in a tideway. When the airship would be hoisted there, down toward the mast, drops her cable to the ground, and this in turn is made fast to the cable on the mast swivel. The slack is then taken up by a motor driven winch on the ground.

After being secured to the mast it is found the airship rides better in the wind if ballast is cast out.

Remit by Dominion Express Money Order. If lost or stolen you get your money back.

A portion of the old Roman wall of London has recently been uncovered in Houndsditch. It is 8 ft. 9 ins. thick, faced with squared stones, and filled with smaller stones, over which cement had been poured.

Ask for Minard's and take no other.

A foolish mother can suggest mischief her son never dreamed of, by the questions she asks him.

"Pillboxes" and concrete dug-outs built by the Germans are still a problem in France; there were 6,000 in the Nord Department alone.

INDIGESTION, GAS, STOMACH TROUBLE

"Pape's Diapiesin" is the quickest, surest relief for indigestion, gases, flatulence, heartburn, sourness, or stomach distress caused by acidity. A few tablets give almost immediate stomach relief. Correct your stomach and digestion now for a few cents. Druggists sell millions of packages of Pape's Diapiesin.

The Business of Faith.

Rob Stuart was no coward. The moment he realized that he had been avoiding his old pastor since his return from college he went straight to the parsonage.

The study greeted him with its old welcome. Rob had been there many an evening with a crowd of the boys before he went to college.

"It feels just as it used to," he declared. "We had some great times here."

Dr. Carlow nodded. "I'm getting to be an old man, Rob. I like to sit here before the fire and watch my boys marching out to conquer the world."

"We don't go very far," Rob retorted, "before we revise our dreams a bit."

"Make them bigger or smaller?" Dr. Carlow inquired.

"Oh, smaller. Boys are conceived young animals, doctor! It takes college to make you see your size in relation to the universe! I don't believe as I did. You can't after you've taken a look down to the beginning of things."

"How much is left?" Dr. Carlow asked quietly.

"Well, sir,—it was harder than Rob had realized that it was going to be,—I'm not so sure of God. I'm not saying that He doesn't exist. I simply haven't settled the question in my mind, and I don't believe that Jesus Christ was anything but a man. Of course He was the greatest man that ever lived—in his way." He was angry at himself for stumbling in his words before the quiet eyes of the old man.

But to his astonishment Dr. Carlow seemed to let the matter drop. "I hear you're going into business, Rob," he said.

"Yes, sir. Motors."

"Do you remember the parable of the talents?"

Rob nodded. What was the old doctor driving at?

"Do you think the master was hard on the servant with one talent?"

"Why, no, sir. The fellow had his chance like the rest. He was a quitter."

"I thought you'd say that. Now I have another question to ask. Are you capitalizing the faith you have?"

By your own acknowledgment you'll be a quitter if you let it lie idle. The same law holds in religion as in business; the only way to acquire more faith is to invest what you have."

"Why—" the young fellow stammered. Then he laughed, the frank boyish laugh that his pastor dearly loved. "You've got me, sir. I see I'll have to go home and thrash the matter out."

The Herds of Death.

When the moon is high And the wind is low Over the alkali, Browning slow, The skeletons Of cattle go.

Their ribs gleam white, The breath is frost, A ghost cow lows For a ghost calf lost, And on horns like sharp moons Their faces are tossed.

—Elizabeth J. Coatsworth.

ASPIRIN

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Unless you see the name "Bayer Cross" on package or on tablets you are not getting the genuine Bayer Aspirin proved safe by millions and prescribed by physicians over twenty-three years for

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Minard's stops pain, relieves inflammation, eases rheumatism, neuralgia and all pains.

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"Miss America" Declares Tanlac Wonderful Health Giving Tonic



Miss Campbell in "Miss America" crown which she has won on two occasions. Photograph by Atlantic Photo Service.

Miss Mary Katherine Campbell, twice proclaimed "Miss America," has taken TANLAC and endorses it in a statement recently given to the women of America through International Proprietaries, Inc., distributors of this great tonic. In this statement, Miss America declares that Good Health is the basis of all Beauty, and advises women who would be beautiful to "first find good health."

Her complete statement as given is as follows: "I consider it a great privilege to be able to tell the thousands of women everywhere what a great tonic TANLAC is. Health is the basis of all beauty. Without good health, one is apt to be run down, nervous, underweight, high-strung, anemic. Indigestion drives the roses from a woman's cheeks and robs her of that radiant quality of womanhood that is real beauty."

"I have taken TANLAC and I do not hesitate to say that it is a wonderful health-giving tonic. It has brought relief and good health to many women, and with good health one may have a measure of beauty that will overcome shortcomings in face and figure."

"Rosy cheeks, sparkling eyes, a well-rounded figure, a lovable disposition, go hand in hand with good health. To those searching for beauty, I would say—'First of all, Find Good Health.' The TANLAC treatment has proven itself a boon to womankind, and I recommend it."

Miss Campbell has written a booklet on Health and Beauty which may be secured by filling out the coupon below.

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Gentlemen: I herewith enclose 10 cents (stamps will do), for which send me a copy of Miss Katherine Campbell's Booklet on "Beauty and Health."

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Consider whether you have satisfied your relations to father, mother, cousin, neighbor, town, cat and dog, whether any of these can upbraid you. —R. W. Emercon.

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Harmless Laxative for a Bilious, Constipated Baby or Child.

Constipated, bilious, feverish, or sick, colic Babies and Children love to take genuine "California Fig Syrup." No other laxative regulates the tender little bowels so nicely.

It sweetens the stomach and starts the liver and lowers acting without griping. Contains no narcotics or soothing drugs. Say "California" to your druggist and avoid counterfeits! Insist upon genuine "California Fig Syrup" which contains directions.

MRS. DAVIS NERVOUS WRECK

Tells Women How She Was Restored to Perfect Health by Lydia E. Pinkham's Vegetable Compound

Winnipeg, Man.—"I cannot speak too highly of what Lydia E. Pinkham's Vegetable Compound has done for me. I was a nervous wreck and I just had to force myself to do my work. Even the sound of my own children playing made me feel as if I must scream if they did not get away from me. I could not even speak right to my husband. The doctor said he could do nothing for me. My husband's mother advised me to take the Vegetable Compound and I started it at once. I was able to do my work once more and it was a pleasure, not a burden. Now I have a fine bouncing baby and am able to nurse her and enjoy doing my work. I cannot help recommending such a medicine, and any one seeing me before I took it, and seeing me now, can see what it does for me. I am only too pleased for you to use my testimonial."—Mrs. EMILY DAVIS, 724 McGee Street, Winnipeg, Man.

Lydia E. Pinkham's Private Texts Book upon "Ailments Peculiar to Women" will be sent you free upon request. Write to the Lydia E. Pinkham Medicine Co., Cobourg, Ont. This book contains valuable information.

ISSUE No. 4—24.