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EARTH WABBLINGS.

A WISE MAN MAKES DISCOVERIES WITH A PENDULUM.

An Unsuspected Motion Indicated by Tests in Colorado's Elevated Capitol—This Same Scientist Once Had an Experience in Switzerland.

It is a curious old contrivance, this world of ours. It has more motions than almost any other eccentric body, and the more it is studied the more motions it has. First of all, it travels about the sun; then it takes a whirl of its own accord around itself, like a top; then it wobbles from one end to the other, just a little bit, it is true, but enough to make a motion. Now it has another quirk, and what that quirk is goodness only knows. The new quirk does not exist at the equator, but it does at the north pole. It is very slight at sea level, but up in the mountains it is quite perceptible. Anybody can see it if he wants to, this newly discovered movement of the world.

Suspended from the lantern of the state capitol building, which is that tall, thin tower on top of the dome and reaching into the substructure is a wire. It is of steel, one-sixteenth of an inch thick, and on the end of it is a plumb, filled with wet sand and weighing about 40 pounds. A wise man who once had a similar contrivance working in Switzerland has started this one in the capitol dome. His observations in Switzerland got him into no end of trouble. He said the world made such and such a movement, or rather that his pendulum did, and as the big pendulum did it, then, he argued, the world must do it amid its many other remarkable acts. But the astronomers came down on him like a thousand bricks. They hauled out their papers and their telescopes, their spectrometers, their microscopes, their algebras and everything else they possessed and proved that the experimenting scientist was not only wrong, but quite wrong.

He said his pendulum described an ellipse. The astronomers said it did nothing of the kind, it not interfered with, and the worst of it was they proved it. Now he has proved it himself, and although it reverses his former position he is immensely pleased with the result of his observations. The experiment made in the Alps several years ago and that just made in the dome of the capitol is simple and a very beautiful one.

The long pendulum was suspended and the center of gravity determined—that is, a spot was marked which was exactly beneath the suspensory at the top of the lantern. The pendulum was then carried in a straight line 16 feet to the north of the center of gravity and released. This gave a full swing of 32 feet. As any one would suppose, the pendulum went as a clock pendulum does, backward and forward, but slowly it left the straight north and south course through the center of gravity, veering toward the west. Little by little the end of the swing, which should have always swung back to the north, if it was to keep up the figure described by a clock pendulum, gradually crept west, until it went through 45 degrees, when it was swinging from south to north. Then it crept east and around to the point of beginning. In 48 hours to a minute almost a complete circle had been described.

The experiment is said to have been a complete success. Twice each day the pendulum was given a new impetus, its own weight and natural laws tending to stop it. Before grasping it the scientists conducting the experiment would carefully sight between the two points on the basement floor it was oscillating over, and having fixed them to a nicety would seize the plumb, carry it to the full 16 foot point and release it for another 12 hours' journey. For six days this was kept up, and three times did that pendulum make a complete revolution.

What got the scientist who is now at work in the capitol into trouble in Switzerland was a similar experiment to that he is now making. He went as near the top of a mountain as he could, and from the projecting bough of a tree suspended a 300 foot pendulum. He followed there precisely the same methods he did in Denver last week, but instead of his plumb traveling in sharp lines back and forth it described an ellipse—that is, it made a long O.

This struck the experimenter as being a marvelous discovery. He wrote about it in a most learned manner. His pendulum did precisely what it did in the dome of the capitol. It made its revolution, but the ellipse was what caused the immense excitement and shook up the astronomers. Now the experimenter has decided that the ellipse was all occasioned by the give which the bough of his tree must certainly have allowed, no matter how stanch the tree and his experiment in the capitol bears him out in this position. The capitol was selected because it is completely above the sea level, it is absolutely stationary, and the interior is free from all outside interferences, such as drafts or other projections.

It is stated that the world has more motions than were ever dreamed of, and every time it is tampered with a new one is discovered. The time shaking of the world is said to be the result of the

which Assistant Superintendent Griner of the capitol keeps in the place, mercury being the most sensitive of all liquids, shows the capitol to shake very much. Reduced to common measurement, perhaps the oscillation is about decimal ten naughts and one of an eighth of an inch, but the shake is there because the mercury quivers.—Denver Republican.

FIVE TIMES A WIDOW.

And Every One of Her Husbands Met a Violent Death.

There was released from the Cincinnati workhouse the other day a woman whose blanched cheeks and decrepit gait told plainly the rapidly approaching end of her career. Her name is Mary Clarke. She had been serving a four months' sentence for loitering, which would have expired in December, but, owing to the near approach of death from consumption, she was released, that she might die outside of prison walls.

Her history is a strange one. She has been married five times, and each of her husbands had met with a violent death.

She was born in New Castle, Pa., in 1852, and was the daughter of Samuel Trax, of that city. At the age of 17 she deserted her home and went to Pittsburgh to live, where she met and married Joe Craiglow, a sailor, who was shortly afterward drowned at Buffalo, N. Y. Her next matrimonial venture was with Hugh Mullen, a rolling mill hand in Pittsburgh, who accidentally fell upon some hot metal and was burned so badly that he died.

She came to Cincinnati in 1871, and shortly after her arrival she married James Carter, who afterward left her here and went West. He was shot in a fight and killed at Poplar Bluff, Mo. Her next husband was John Honer, a bricklayer, living in the West End. Honer was a hard drinker, and during an attack of delirium tremens he took poison and ended his existence. Thomas Clarke, a hostler, employed by Pat O'Hern on Sixth street, then married her, but ere the honeymoon had passed a horse which he was grooming kicked him, breaking three ribs and injuring him internally, from the effects of which he died.—Cincinnati Tribune.

BUST OF VICTORIA.

Has a Place Among the Statuary in Osborne Castle.

From the beginning of her reign until the death of the prince consort Osborne castle was the favorite retreat of Queen Victoria when she was in search of recreation or rest. It is not surprising, therefore, that its decorations and art furnishings should be of the most exquisite type and the statuary the best work of the greatest artists. One of the most highly prized pieces in the admirable collection is the bust of her majesty by Baron Marochetti.



BUST OF QUEEN VICTORIA.

The Indian epic of "Hiawatha" took the world by surprise, writes Hezekiah Butterworth in an article "How Longfellow Wrote His Best-Known Poem" in Ladies' Home Journal. Its form and its matter were for a long time mysteries. How could a Cambridge literary recluse produce such an epic? Certain critics claimed that the idea, form and magic treatment of the poem had been borrowed from Scandinavian saga, and the implication greatly disturbed his publishers, and must have caused his sensitive poet great pain. It partly eclipsed for a time the new star in the literary horizon on which all eyes were fixed. The criticism was disarmed; the world grew; a fixed star had appeared. But the mystery of the poem is still unsolved. Longfellow desired to produce an epic that should be in sympathy with all that was most beautiful in the vanishing Indian race. At Fort Anondaga, on the Onondaga river, he had a school-craft, and the Indian lore and legends were gathered up with certain Indian guides, with which the music of the poet's mind combined many words and phrases, and the meaning of these words and phrases made the work of the poet.

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Pitt at Play.
Mr. Pitt liked practical fun and used to riot in it with Lady Hester, Charles and James Stanhope and myself. Once we were resolved to blacken his face with burnt cork, which he most strenuously resisted. At the beginning of the fray a servant announced that Lord Castlereagh and Liverpool desired to see him on business. "Let them wait in the other room," was the answer, and the great minister instantly turned to the battle, catching up a cushion and belaboring us with it in glorious fun. We were, however, too many and strong for him, and after ten minutes' fight got him down and were daubing his face when he said: "Stop! This will do. I could easily beat you all, but we must not keep those grandees waiting any longer."

His defeat was, however, palpable, and we were obliged to get a towel and basin of water and wash him clean before he could receive the grandees.

Being thus put in order, the basin was hidden, and the two lords were ushered in. Then a new phase of Mr. Pitt's manner appeared. Lord Liverpool's aspect is well known—melancholy, bending, nervous. Lord Castlereagh was a model of quiet grace and strength. What was my surprise to see them both bending like spaniels on approaching the man we had just been maltreating with such successful insolence of fun! But Mr. Pitt's instant change of manner and look entirely fixed my attention. His tall, ungainly, bony figure seemed to grow to the ceiling; his head was thrown back, his eyes as if reading the heavens and totally regardless of the bending figures near him.—"Memoirs of Lady Hester Stanhope."

Ore Deposits.

Ingenious theories have from time to time been advanced by scientists relating to ore deposits—the cause, time, manner, etc.—and among the most recent and able of these Professor Le Conte may well be ranked. His conclusion is that such deposits, using the term in its widest sense, may take place from many kinds of waters, but especially from alkaline solutions, these being the natural solvents of metallic sulphides, and the latter are usually the original form of such deposits. They may take place from waters at any temperature and pressure, but mainly from those at high temperature and under heavy pressure, because, on account of their great solvent power, such waters are heavily freighted with metals, and the depositing waters may be moving in any direction—that is, may be coming, horizontally moving, or even sometimes down going, but mainly up coming, because, by losing heat and pressure at every step, such waters are sure to deposit abundantly. Furthermore, Professor Le Conte says that deposits may take place in any kind of waterways, such as open fissures, incipient fissures, joints, cracks and even in porous sandstone, but especially in large open fissures, the latter being the main highways of ascending waters from the greatest depths. Deposits may also be found in many regions and in many kinds of rocks, but mainly in mountain regions and igneous rocks.

Took the Wrong Antidote.

A man was arraigned before Justice Richardson on a charge of disorderly conduct. He was found intoxicated on Clark street.

The prisoner told the court he was not in the habit of getting drunk and declared on this occasion he was excusable.

"Your honor," said the prisoner, "I got home late last night, and before starting to bed I went to my medicine cabinet to get a dose of cough syrup. I thought I knew just where the bottle stood, and that I could get it in the dark. I made a mistake and drank a big swig of some strange mixture. I thought I was poisoned, and rushing down to the drug store with the bottle still in my hand I asked the clerk for an antidote. He smelled what was left in the bottle, and then says he: 'My friend, all the antidote you need is to swallow a comb and brush. That stuff is hair vigor.'"

"Judge, I just felt so ashamed of myself that I started drinking."

He was discharged.—Chicago Inter Ocean.

A Lincoln Letter.

George Kluetsch, editor of the Lincoln (Neb.) Freie Presse, has in his possession in the handwriting of Abraham Lincoln, written in 1859, an interesting letter. It was written to T. J. Pickett, at one time editor of the Republican paper in Rock Island, Ill., who has given it to Mr. Kluetsch. It reads as follows:

SPRINGFIELD, Ill., April 16, 1859.
T. J. Pickett, Esq.
MY DEAR SIR—Yours of the 18th is just received. My engagements are such that I cannot, at any very early day, visit Rock Island to deliver a lecture or for any other object. As to the other matter you kindly mention, I must, in candor, say I do not consider myself fit for the presidency. I certainly am flattered and gratified that some partial friends think of me in that connection, but I really think it best for our cause that no concerted effort such as you suggest should be made. Let this be considered confidential. Yours very truly,
A. LINCOLN.

Old English Journalism.

The interesting reminiscences of G. J. Holyoke, recently issued, give some facts showing that English journals were not always as free from scurrility as they are now. The London Times, for instance, which then had not adopted the rule of excluding "poetry," once published some verses on O'Connell beginning—"Slime condensed of Irish bog, liar, traitor, demagogue." The same journal also spoke of its neighbor, The Morning Chronicle, as "that squirt of filthy water," and The Morning Chronicle referred to The Morning Post as that "slop pail of corruption."

A Sincere Wish.

She—I have an instinctive feeling that I can trust you.
He—(passionately)—Ah, my darling, would that some others felt that way!—London Tit-Bits.

CONSUMPTION CURED.

AN ABSOLUTE REMEDY FOR ALL PULMONARY COMPLAINTS.

T. A. Slocum Offers to Send Two Bottles Free of His Remedy to Cure Consumption and All Lung Troubles—An Elixir of Life.

Nothing could be fairer, more philanthropic or carry more joy in its wake than the offer of T. A. Slocum, M. D., of 183 Pearl street, New York. Perfectly confident that he has an absolute remedy for the cure of consumption and all pulmonary complaints, he offers through this paper to send two bottles free to any reader who is suffering from lung trouble or consumption, also loss of flesh and all conditions of wasting. He invites those desirous of obtaining this remedy to send their express and postoffice address, and to receive in return the two bottles free, which will arrest the approach of death. Already this remedy, by its timely use, has permanently cured thousands of cases which were given up, and death was looked upon as an early visitor.

Knowing his remedy as he does, and being so proof-positive of its beneficial results, Dr. Slocum considers it his religious duty, a duty which he owes to humanity, to donate his infallible remedy where it will assault the enemy in its citadel, and by its inherent potency, stay the current of dissolution, bringing joy to homes over which the shadow of the grave has been gradually growing more and more defined, causing fond hearts to grieve. The cheapness of the remedy—offered freely—apart from its inherent strength, is enough to commend it, and more so is the perfect confidence of the great chemist making the offer, who holds out life to those already becoming emaciated, and says: "Be cured."

The invitation is certainly worthy of the consideration of the afflicted, who, for years, have been taking nauseous nostrums without effect, who have ostracized themselves from home and friends to live in more salubrious climes, where the atmosphere is more congenial to weakened lungs, and who have fought against death with all the weapons of strength in their hands. There will be no mistake in sending for these free bottles—the mistake will be in passing the invitation by.

"Most men like to see themselves in print," but women don't. They prefer silk or satin.

THE VOICE OF A PATRIOT.

At least one speaker at the chamber of commerce meeting produced a sentiment which has the ring of true metal. That is Mr. F. C. Moore, president of the Continental Insurance Company, who said:

"I would rather see every dollar I have in the world burned up for fuel under the boilers of a battleship, than to see this country take any other stand than accords with its dignity and self-respect."

This is worth preserving. It breathes the spirit that makes a nation something more than an aggregation of individuals variously engaged in the pursuit of riches. The Evening Post's report of the meeting asserts that the utterance of this patriotic sentiment was greeted with cries of "Oh Oh!" from different parts of the room. If these alleged interjections were intended to express incredulity, they were insulting to the speaker. If meant to indicate dissent, they were highly discreditable to those American citizens who raised their voices against such a declaration as that which Mr. Moore had just made.

Every great national crisis has discovered not tens, or hundreds, but thousands and tens of thousands of patriots willing and ready to give their all to the cause in which their hearts are enlisted. Why should it seem strange to any member of the New York chamber of commerce that an American is prepared to burn every dollar he owns under the boilers of a battleship rather than sacrifice his country's honor? Is there anything extravagant in that?

Dearer than all the dollars a man may have accumulated is life itself; and are the instances so rare in our history where life itself has been freely and joyfully given?—N. Y. Sun.

'Tis now the salesman gazes With an inquiring eye, And wonders if the "shopping" Or if she wants to buy.

SEBASTAPOL WAS NOT IMPREGNABLE.

For it was taken by assault, but a physique built up, a constitution fortified by Hostetter's Stomach Bitters, may bid defiance to the assaults of malarious disease even in localities where it is most prevalent and malignant. Emigrants to the arctic breeding sections of the West should bear this in mind, and start with supply. The Bitters promptly subdues dyspepsia, rheumatic and kidney complaints, nervousness, constipation and biliousness.

"When do you suppose the weeds on your bonnet will wilt?" said a sly widow to her coy widow. "When some man says 'Wilt thou be murdered.' And the weeds wilted on the spot.

DRAWN OUT.

The pain of a small burn can be easily extracted by placing it near heat, which draws it out. One feels the pain going out as it were, and this illustration explains a broad principle of cure of many things. For instance, in a sprain, severe or mild, warmth by friction begins a true operation. But, first and foremost, use St. Jacobs Oil. The needed warmth and friction comes from rubbing it on. The skin and injured muscle grow soft and heated and take up the curative properties of the remedy, and it is not long before one feels the pain drawn out. Other properties are at work to strengthen and restore, and a positive cure follows like magic.

A homely woman is not necessarily a woman who stays at home.

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FITS—All Fits stopped free by Dr. Kline's Great Nerve Restorer. No Fits after the first day's use. Take no other cure. Treatise and trial bottle free to Fit cases. Send to Dr. Kline, 361 Arch St., Philadelphia, Pa.

Piso's Cure for Consumption relieves the most obstinate cough.—REV. D. BUCHMUELLER, Lexington, Mo., Feb. 24, 1891.
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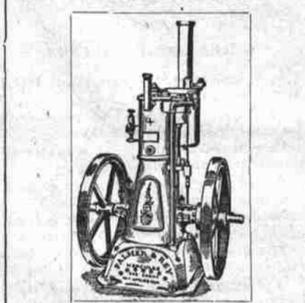
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