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HOW PELEE BLEW UP HUMOR OF THE HOUR

WHY THE MOUNTAIN LET LOOSE ITS DESTRUCTIVE FORCES.

Causes Given by Science For the Phenomena of Volcanic Explosions—Relation of Earthquakes to Eruptions of Craters.

The recent volcanic outbursts in the islands of Martinique and St. Vincent, which astounded the world by the extent of the disaster wrought to lives and property, naturally raise the query as to the causes of these disturbances of the earth's crust.

Science has as yet been unable to determine definitely the causes of earthquakes and volcanic eruptions. The theory of volcanic action is that water finds its way into the interior of the earth through fissures in the ocean bed and subterranean streams. This, reaching the superheated molten mass of the subsurface, is immediately converted into steam. This steam under enormous pressure seeks an outlet in the weakest spot in the earth's crust, and thus volcanoes are formed. This is apparently what happened in Martinique and caused the awful destruction.

Mont Pelee had previously erupted in 1853, but without great damage. Then the crater closed, the pressure from within having ceased. But it was only slumbering, awaiting the time when it should gather renewed strength.

The Caribbean sea bottom, say the scientists, is subject to earthquake dis-

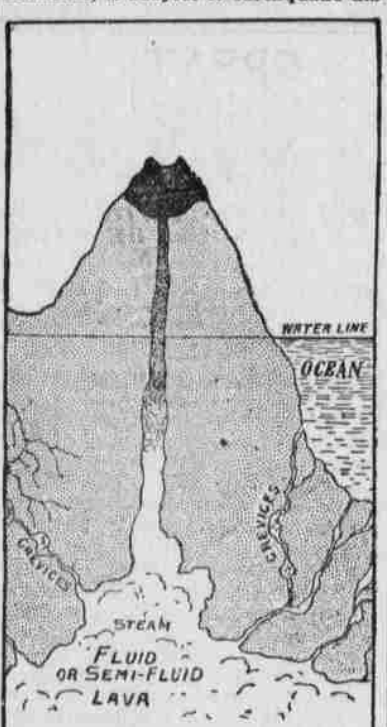


DIAGRAM SHOWING HOW PELEE EXPLODED. [According to scientists, the water reached the molten lava in the interior of Mont Pelee through fissures in the rock and was converted into steam. This steam, following the line of least resistance, blew off the top of the volcano.]

turbances. For several weeks prior to the explosion of Mont Pelee seismic shocks had been felt throughout the islands in that vicinity and on the mainland of Central America. It is known to geologists that the coast of that region is gradually rising. Whenever such an elevation is in progress a strain is necessarily brought to bear upon the rocks composing the underlying strata of the earth's crust in the vicinity of the rising area.

That Mont Pelee's outburst was the result of a sudden explosion of pent-up steam is now generally conceded by men of science. The few surviving witnesses say that the whole top of the mountain was torn off and hurled into space, shooting almost straight up into the air and going thousands of feet up. A giant volume of flame flashed along just under it. The great black mass fell back, and the flames spread and seemed to roll down the mountain's side on to the city like a river of fire.

Practically the same thing happened at La Soufriere, on the island of St. Vincent, although the force of the explosion was not so great as at Mont Pelee, probably because the first explosion had given vent to a part of the tremendous pressure of the imprisoned steam.

The question then arises, Why do not such explosions take place anywhere on the earth's surface instead of through the crater of a volcano? This has been explained by an eminent scientist, who says they sometimes do take place at random, so to speak, and when that happens the world beholds the phenomenon of the formation of a new volcano.

But ordinarily the explosion occurs through the vent, or throat, of an already existing volcano, because the weakest lines in the earth's crust are the places where new fissures are most likely to be formed, and along these lines of weakness the volcanoes stand like rows of safety valves or chimneys.

It does not necessarily follow that because one volcano breaks out its neighbors will follow suit. Sometimes there seems to be some sympathetic connection between remote vents, as in the case of Mont Pelee and La Soufriere. A very violent explosion may rend the side of a crater or even blow it out, and then the molten rock pours down the mountain side in a flood, overwhelming everything before it. Not until the vents have become cold and dead from long periods is there absolute safety from eruptions and earthquakes in a volcanic region. Vesuvius, for example, was apparently extinct for about 800 years of historical records and then broke out and destroyed Pompeii. It has been continually active ever since, a period of 1,832 years. It is therefore impossible to predict what will happen in the Lesser Antilles. The activities may decline or they may break out with renewed violence and over a wider area.

Stoze Dead Town.

"Do you keep pingpong?" asked the new resident of the proprietor of the village grocery and general emporium.

"Well, mum," was the answer, "we haven't ordered all our line of fancy groceries for the summer, and"—

"Oh, mercy! It isn't a grocery; it is!"—"I know it ain't," broke in the storekeeper. "I was jest a-goin' to say that when we ordered them we was goin' to pick out the latest patterns in neckties, because we have a good trade now, and"—

"Goodness me, man! It isn't to wear. It is to"—

"I know that, too," interrupted the proprietor of the store again. "I know that. I was about to tell you that we are intendin' to put in all the latest novels when we lay in our new stocks, and if you'll come around then we'll be sure to have"—

"Dear me!" put in the lady. "Pingpong isn't a book; it's a game."

"Well," said the merchant, "we try to handle all the new goods our customers demand, but when it comes to games, why, seven up and crokinole holds the banner in this town, and I don't reckon we want to make any change this year."—Judge.

The Working Grind.

"Didn't you shingle your house six or eight months ago?"

"Yes."

"What are you shingling it again for?"

"Well, I couldn't think of anything else to do to the house, and I've just got to do something."—Chicago Tribune.

Trying to Find the Reason.

"Haven't seen you for some time."

"No. Where have you kept yourself?"

"Been away."

"Oh, that's it. Do you know, I was afraid it might be the fault of that ten dollar bill that you've owed me so long."—Cleveland Plain Dealer.

No Wonder.



"I knew a man that wouldn't take \$20,000 for his autograph."

"Why not?"

"Because it was on a check for \$21,000."

An Unprofessional Declaration.

"What I say," said the speaker of the evening in earnest accents, "is live and let live!"

Whereupon the Amalgamated Order of International Undertakers arose in a body and checked him hence for unprofessional conduct.—Bath News.

Author's Delight.

"You ought to be satisfied now," said the wife, "you have so much more time to do your writing—no coal to bring in, no time lost in hunting the plumber. Nothing to do but work the garden, beat the carpets, varnish the furniture and make yourself generally useful."—Atlanta Constitution.

Scheme That Failed.

Wife—All our neighbors are going away for the summer, dear.

Husband—Well, that's good news.

Wife—Why is it good news?

Husband—Because if they are all gone no one will know that we remained at home.—Chicago News.

When Love's Not Blind.

She—You wouldn't mind saying this over again tomorrow, would you, dear? I am a member of the M. P. D. C. club.

"Why, what does that mean?"

"Moonlight proposals don't count."—Life.

Why He Resented It.

"What makes you get angry when people call you a genius?"

"It's as much as to say," answered the bright but practical young man, "that I don't comb my hair and keep my shoes shined."—Washington Star.

Postmortem.

"You reckon Br'er Johnson got a w'am welcome on de futher side?"

"I dunno. But I mighty certain er one thing: Dey didn't take him ter whar he wuz gwine in de lee wagon!"—Atlanta Constitution.

Another Blow at the Meat Trust.

"Come in and have a psychological sandwich with me."

"What's that?"

"Two slices of bread and beef in a slice of ham."—Cleveland Plain Dealer.

Good Quality.

"Has her voice good carrying quality?"

"Rather. Why, she'll carry her point in the end if she had to talk all night."—Philadelphia Bulletin.

And at the End.
Teacher—Where was the Declaration of Independence signed?
Dot—On the table.—Chicago Tribune.

THE WOMAN WHO WAS LOST TO WELLVILLE

Mrs. Richard Roe had started for Wellville, and had missed the way.

She had been wrongly directed by well-meaning friends. While she was pondering the situation, she saw a fine healthy woman coming toward her, and asked her: "Do you know where Wellville is?" "Of course I do," was the answer, "I live there." The stranger gave Mrs. Roe exact directions as to the way to Wellville and passed on. But Mrs. Roe stood still. "Suppose," she said to herself, "that this woman is deceiving me. Perhaps she doesn't live in Wellville or know the way." And while she was still pondering, another woman came by and Mrs. Roe accosted her. "How can I get to Wellville?" she asked. Again the way was pointed out and the stranger passed on. But Mrs. Roe still stood in the road, wondering whether the directions given her were trustworthy.

One would say that Mrs. Roe must be a very singular woman. She wanted to go to Wellville, could not find the way, and yet doubted the information given her by two of her own sex who had no motive in the world for deceiving her. But Mrs. Roe is not at all singular. There are many like her. They are sick and want to be well. Not two women, but scores and thousands, say, "We know the way to be well. We are well after years of sickness, and we can tell you, as a matter of experience, that Dr. Pierce's Favorite Prescription makes weak women strong and sick women well." But still the Mrs. Roes stand hesitating, wondering whether they are being deceived by the women who point the way to health.

Often there is a natural reason for this doubt and hesitancy. Directions given by friends have been perhaps followed without result. Perhaps the local physician has said there is no way by which you can regain health. But a large number of the women who have been cured by the use of Dr. Pierce's Favorite Prescription have gone through the same experience. Friends advised this or that medicine but it failed to cure. Doctors said: "There is no hope of health for you," and at the last, the use of "Favorite Prescription" healed disease and restored perfect and permanent health.

"You have my heart-felt thanks for the kind advice you sent me," writes Mrs. Florence Archer, of Eason, Macon Co., Tenn. "Words fail to express what I endured for about eight years with female trouble. The awful pain that I had to endure each month, no tongue can express. These bearing-down pains, backache, headache, distress in my stomach, and sores in my breast, cramp in limbs—they have all left me and health has taken place of these distressing troubles. What caused them to leave? It was the best medicine on earth—Dr. Pierce's Favorite Prescription. For the first three or four days after taking the medicine I got worse. Had you not told me that I should be apt to feel worse I never would have taken another dose; but in one week's time I began to feel better. After taking six bottles of the 'Favorite Prescription' and using the local treatment you advised I felt like a new woman."

Dr. Pierce's Favorite Prescription cures womanly diseases. Hundreds of thousands of women testify to that fact. It has cured in cases where every other available means and medicine had utterly failed to give more than temporary relief. "Favorite Prescription" establishes regularity, dries the drains which weaken women, heals inflammation and ulceration and cures female weakness. For expectant mothers it has no equal. It prevents or cures morning sickness, tranquilizes the nerves, encourages the appetite and induces refreshing sleep. It gives great muscular vigor and elasticity and so makes the baby's advent practically painless. It is the best known tonic for nursing mothers.

"Without solicitation from you I felt it my duty to suffering women, to make known the virtues of your 'Favorite Prescription,' in curing me of a complication of diseases," writes Mrs. Mary J. Weida, of Allentown, Pa., 391 Oak Street. I had heart trouble for about three years and was so weak and run-down that I had to force myself to attend to my household duties. The least excitement would cause my heart to flutter, and during its normal periods it would every now and then seem to lose a beat, which affected me through my whole system, even the raising of my hands above my head, would make me so weak that I had to sit down awhile to cover myself. All these ills have given way to the curative power of your 'Favorite Prescription.' The greatest relief was received prior to the coming of my little one; during the six previous experiences I was afflicted with morning sickness from beginning to end of each period, but after using your remedy for one week, I was entirely relieved of that distressing affliction. No one can appreciate what a relief that was, save those who have actually experienced it."

Sick women are invited to consult Dr. Pierce by letter, free. All letters are held as strictly private and sacredly confidential. Address Dr. R. V. Pierce, Buffalo, N. Y.

If you are led to the purchase of "Favorite Prescription," because of its remarkable cures of other women, do not accept a substitute which has none of these cures to its credit.

THE WAY TO WELLVILLE, or, in other words, the way to be pointed out in Dr. Pierce's great work, *The People's Common Sense Medical Adviser*. This book contains over a thousand large pages, and more than 700 illustrations. It is sent entirely FREE on receipt of stamps to pay expense of mailing ONLY. Send 21 one-cent stamps for the book in paper covers, or 31 stamps for the cloth-bound volume. Address: DR. R. V. PIERCE, Buffalo, N. Y.

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Contains all the virtues of the best whiskeys without the deleterious effect. Made from the pure vegetable matter, and guaranteed to contain no poisonous or narcotic drugs of any description.

If a beverage is not desired, a bean may be taken in the mouth without water, and the most exhilarating effect will be experienced.

Box of 12 Beans, 50c

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The largest sum ever paid for a prescription, changed hands in San Francisco, Aug. 30, 1901. The transfer involved in coin and stock \$112,500.00 and was paid by a party of business men for a specific for Bright's Disease and Diabetes, hitherto incurable diseases.

They commenced the series investigation of the specific Nov. 15, 1900. They interviewed scores of the cured and tried it out on its merits by putting over three dozen cases on the treatment and watching them. They also got physicians to name chronic, incurable cases, and administered it with the physicians for judges. Up to Aug. 25, eighty-seven per cent of the test cases were either well or progressing favorably.

There being but thirteen per cent of failures, the parties were satisfied and closed the transaction. The proceedings of the investigating committee and the clinical reports of the test cases were published and will be mailed free on application. Address John J. Fulton Company, 420 Montgomery St., San Francisco, Cal. Charman & Co. are our sole agents in Oregon City.

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