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WHAT CAN A VOLCANO DO?

Cotopaxi, in 1838, threw its fiery rockets 3,000 feet above its crater, while in 1854 the blazing mass, struggling for an outlet, roared so that its awful voice was heard at a distance of more than 600 miles. In 1797, the crater of Tunguragua, one of the great peaks of the Andes, flung out torrents of mud which dammed up the rivers, opened new lakes, and in valleys 1,000 feet wide made deposits 600 feet deep. The stream from Vesuvius, which in 1337 passed through Torre del Greco, contained 32,000 cubic feet of solid matter, and in 1703, when Torre del Greco was destroyed a second time, the mass of lava amounted to 44,000,000 cubic feet. In 1760 Etna poured forth a flood which covered 84 square miles of surface and measured nearly 1,000,000,000 cubic feet. On this occasion the sand and scoria formed the Monte Tosini, near Nicholosa, a cone two miles in circumference and 4,900 feet high. The stream thrown out by Etna in 1816 was in motion at the rate of a yard a day for nine months after the eruption; and it is on record that the lava of the same mountain, after a terrible eruption, was not thoroughly cooled and consolidated for ten years after the event. In the eruption of Vesuvius, A. D. 79, the scoriae and ashes vomited forth far exceeded the entire bulk of the mountain; while in 1660 Etna disgorged twenty times its own mass. Vesuvius has sent its ashes as far as Constantinople, Syria and Egypt; it hurled stones eight pounds in weight to Pompeii, a distance of six miles, while similar masses were tossed up 2,000 feet above the summit. Cotopaxi has projected a block 100 cubic yards in volume a distance of nine miles; and Sumbawa, in 1815, during the most terrible eruption on record, sent its ashes as far as Java, a distance of three hundred miles.—*Popular Science Monthly.*

The Earth as a Sort of Champagne Bottle.

No theory of the earth's crust can be complete which does not provide the machinery for earthquakes and volcanoes. Mr. Fisher, for this purpose, supposes his subterranean fluid to contain, in intimate union with itself, vapor in considerable quantities. This vapor is to be retained in the fluid by the superincumbent pressure, as gas is in the liquid of a soda water bottle, and will, if such pressure be removed, be disengaged from the molten matter as the gas disengages itself when the cork is drawn, though much more slowly, by reason of the viscosity of the fluid. This agrees with the view taken by Professor Judd in his recent volume on volcanoes. It will be a novel idea for many of us to imagine the earth like a globular bottle of effervescent liquid, and its crust like ice covering a lake of aerated water. But such a constitution would account for many of the phenomena of eruptions. The earthquakes which usually herald them, the rise of molten material in a fissure, the existence of permanently liquid lava like that in Kilauca, the growth, death and revival of a volcano, all follow as natural consequences. The difference in the lavas ejected from adjacent craters, and the supposed order of succession in the products erupted are also accounted for, but not satisfactorily. The theory is a very important one, and appears on the whole the most satisfactory that has yet been propounded.

The most brilliant qualities become useless when they are not sustained by force of character.

Trust a Boy.

During the session of the late Episcopal convention in Boston, the Bishop of Louisiana in crossing the common met a boy whom he fancied, and calling him, asked him if he had anything to do just then, to which he said no. "Are you a good boy?" The little fellow scratched his head and replied: "I am not a very good boy; I cuss sometimes." That candid answer inspired the bishop with confidence, and he then said, after giving his name and address: "I want you to go to a certain place and get a bundle for me and bring it to my hotel. There will be a charge of eight dollars. Here is the money to pay it, and a half dollar you will keep for doing the errand." On his return to the hotel, the bishop's friends laughed at him for his credulity, telling him that he would never see the boy or the bundle or the money again; but in half an hour the young chap returned, bringing the bundle and the receipted bill for eight dollars and a half, the bishop having made a slight mistake as to the amount that was due. "How did you manage to pay the extra half dollar?" he inquired. "I took the money you gave me for the job. I knew that you would make it all right." And "all right" it was made, and I have no doubt that the confidence that was reposed in that boy, because of his truthfulness, will do him good as long as he lives.—*Bishop Clark.*

Condensed Wisdom.

The idle man travels so slowly that even poverty easily overtakes him at the first turn of the road. Of one thing you may be sure—viz., that if you are looking for the dark side of life you will find it. Common sense can accomplish much without great talents, but all the talents in the world can accomplish very little without common sense. Modest persons are not the soonest frightened. "I wonder what they will think of me?" is not the inquiry of humanity, but vanity. The mind profits by the wreck of every passion, and we may measure our road to wisdom by the sorrows we have undergone. As selfish and ill-bred as the mass of mankind are, I prefer to live with them rather than go into solitude and try to live with myself. It is always well to accept the inevitable with equanimity. The old proverb runs: "Since my house must be burned, I will warm myself at it." What we charitably forgive will be recompensed as well as what we charitably give. Idleness is hard work to those who are not used to it, and dull work for those who are. The best way to cover your tracks so that no man can find you out is not to do the deed. Pleasure is the mere accident of our being, and work its natural and most holy necessity. Leisure is sweet to those who have earned it, but burdensome to those who get it for nothing. Education begins the gentleman; but reading, good company and reflection must finish him. A new way to compliment a man is to say: "He is pretty mean in some respects, but then, after all, he is meaner in other respects." That sort of lets the mean man down easy, and makes him think he is not so confounded mean after all.

How to Detect Classical Music.

I can give you a simple rule by which the most ignorant may know whether any given piece of music should or should not be admired. If you know at once what it is all about; if it seems to be saying 1, 2, 3, hop, hop, hop, 1, 2, 3, bang, bang, bang, you may conclude at once that you are listening to something of a very low order, which it is your duty to despise. But when you hear something that sounds as if an assorted lot of notes had been put into a barrel and were being stirred up, like a kind of harmonious gruel, you may know it is a fugue, and may safely assume an expression of profound interest. If the notes appear to have been dropped by accident, and are being fished up at irregular intervals in a sort of placid, or drowned condition, it is likely to be a nocturne, and nocturnes, you know are quite too utterly lovely for anything. If the notes seem to come in car loads, each load of a different kind than the last, and if the train seems to be an unreasonable long time passing any given point, it will turn out most likely to be a symphony, and symphonies are just the grandest things that ever were. If the notes appear to be dumped out in masses and shoveled vigorously into heaps, and then blown wildly into the air by explosions of dynamite, that's a rhapsody, and rhapsodies are among the latest things in music.

Recently an iron express car was put on the Southern Pacific road. The car is very strong and is built from an important item in the Arizona country. It is made in two compartments, and the other for four or five expressmen and guards. There are doors only on the sides, and loop holes in the side of the car give the expressmen, who are fully armed, a beautiful opportunity to pick off train robbers. In addition to the force of men, arms and ammunition, there were four Siberian blood hounds in the car. The hounds cost \$250 each. The same style of car will go with each train.

A murder trial was interrupted at Durango, Col., by the reappearance of the man who was believed to have been killed. The jury, as a matter of course, had disagreed, and was just coming in to so report when he appeared. Talk about the vanity of the peacock and the man mentioned in the papers as a prominent citizen! It wasn't a circumstance to that of the two or three jurors who had stood for a verdict of acquittal; and the others were awfully mortified.

Peruvian Bitters
Cinchona Bitters
The Count Cincelona was the Spanish Viceroy in Peru in 1630. The Countess, his wife, was prostrated by an intermittent fever, from which she was freed by the use of the native remedy, the Peruvian bark, or, as it was called in the language of the country, "Quinina." Grateful for her recovery, on her return to Europe in 1632, she introduced the remedy in Spain, where it was known under various names, until Linnaeus called it Cinchona, in honor of the lady who had brought them that which was more precious than the gold of the Incas. To this day, after a lapse of two hundred and fifty years, science has given us nothing to take its place. It effectually cures a morbid appetite for stimulants, by restoring the natural tone of the stomach. It attacks excessive love of liquor as it does a fever, and destroys both alike. The powerful tonic virtue of the Cinchona is preserved in the Peruvian Bitters, which are as effective against malarial fever to-day as they were in the days of the old Spanish Viceroys. We guarantee the ingredients of these Bitters to be absolutely pure, and of the best known quality. A trial will satisfy you that this is the best bitter in the world. "The proof of the pudding is in the eating," and we willingly abide this test. For sale by all druggists, grocers and liquor dealers. Order it. Loeb & Co., agents for Astoria.

The Peruvian syrup has cured those who were suffering from dyspepsia, debility, liver complaint, boils, humors, female complaints, etc. Pamphlets free to any address. Seth W. Fowler & Son Boston.

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Table Notice.
On and after this date an additional 20 cents per cord will be charged on all orders for sawed wood not accompanied by the cash, at Gray's wood yard. July 1st, 1881.
Don't Die in the House.
Ask druggists for "Rush on Fat" It clears out rats, mice, bedbugs, roaches, vermin, flies, ants, insects. The per box.
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Wells' Health Renewer. Absolute cure for nervous debility and weakness of the generative functions. Sold at druggists. Oregon Depot, DAVIS & CO., Portland, Or.
"Beechpapa."
New, quick complete cure of dysuria, urinary affection, smarting, frequent or difficult urination, kidney disease. Sold at druggists. Oregon Depot, DAVIS & CO., Portland, Or.
What Makes You Hiss?
A tooth is missing among the molars, and you cannot help hissing. Go and get one put in, and then use SODIUM to keep the others right. You should have done this years ago, but it is better now than never.
War! War! War!
Water front offered free to any person that will build a saw mill in the city of Williamsport. Lumber we must have to build this city. We have one store in running order at present. Quite a number of the best vegetable alternatives in this city, and yet there is room. Sold on time to suit purchasers. Located one mile south of Astoria, on the sunny side of the hill, on Young's bay.
J. WILLIAMS PORT.
Mothers! Mothers!! Mothers!!!
Are you disturbed at night and broken of your rest by a sick child suffering and crying with the excruciating pain of cutting teeth? If so, go at once and get a bottle of Mrs. Winslow's Soothing Syrup. It will relieve the poor little sufferer immediately—depend upon it! There is no mistake about it. There is not a mother on earth who has ever used it, who will not tell you at once that it will regulate the bowels, and give rest to the mother, and relief and health to the child, operating like magic. It is perfectly safe to use in all cases, and pleasant to the taste, and is the prescription of all the oldest and best female physicians and nurses in the United States. Sold everywhere. 25 cents a bottle.

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