

VOLCANOES.

They Are Not Burning Mountains as We Understand That Term.

"What are volcanoes?" Nine out of every ten persons would immediately have an answer of some sort to the question above, for have they not a lively remembrance of having learned in their schoolbooks that "a volcano is a burning mountain, from the summit of which are sent out smoke and flames?" This popular fancy has been exploded by scientists, whose work is to explode popular fancies.

In the first place, volcanoes are not necessarily mountainous. In reality they are just the reverse—that is, holes in the earth's crust. Out of these are thrown the materials which, accumulating, form the heaps which we popularly call mountains.

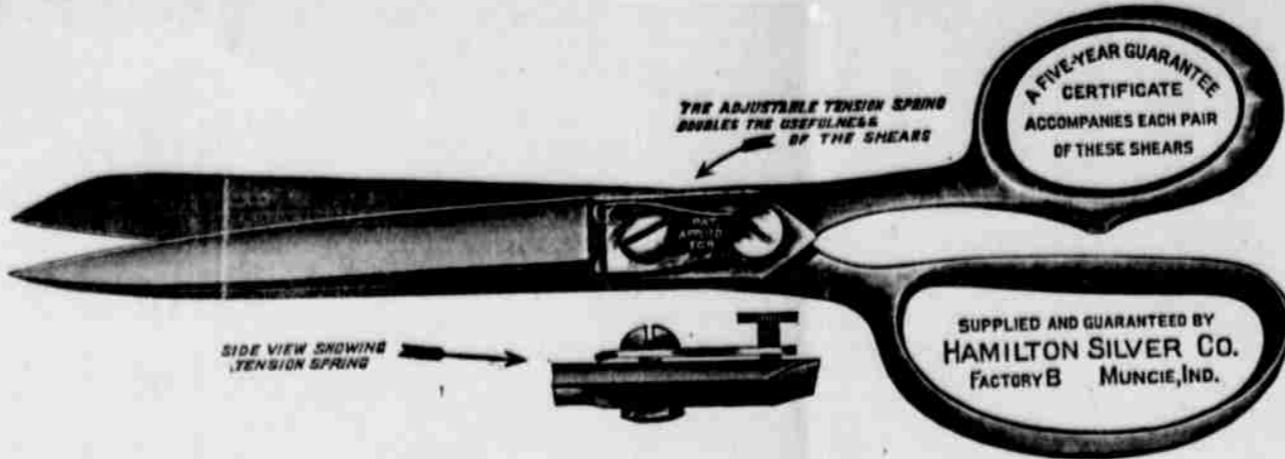
These are, then, the result and not the cause of the action. Neither are they "burning," as we understand the term. There is no combustion nor any action we might reasonably call "burning."

The action need not necessarily take place at the summit, for eruptions are just as frequent at the sides or even at the base. The so-called "smoke" is nothing more or less than the clouds of condensing steam which are formed on every occasion when an eruption occurs.

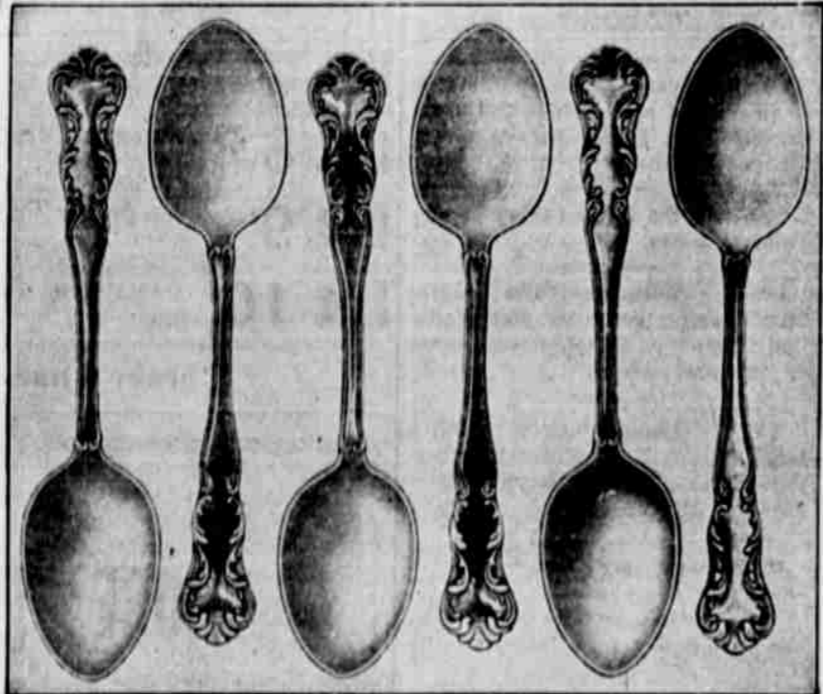
Lastly, the "flames," so called, are merely the reflection of the mass of molten rock and material inside the crater on the clouds of steam above, thus appearing as a glowing light. The friction, too, set up by the motion of the materials causes electricity, and hence the lightning discharges which add to the illuminating effect.—Pearson's Magazine.

Premiums for Subscriptions

We wish to double our subscription list within the next thirty days. In order to do this we have purchased a splendid line of premiums which we will give to our subscribers and to club getters.



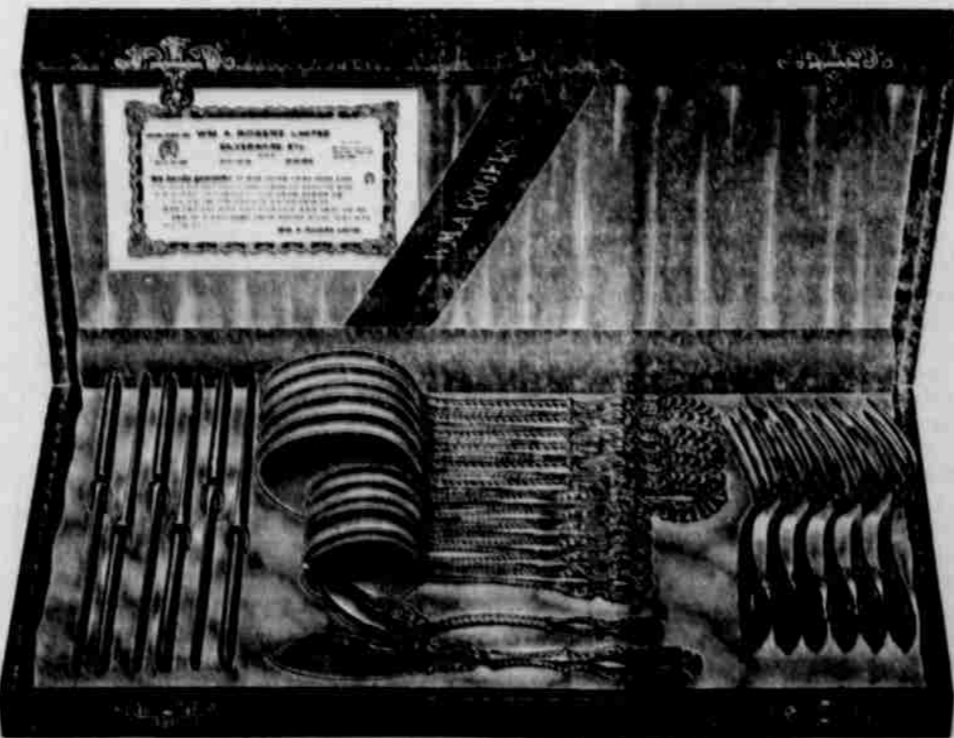
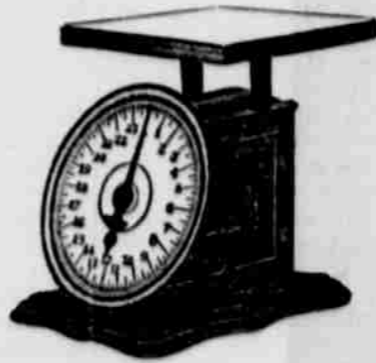
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NOTICE TO CREDITORS.
 Louise Keogan Estate.— Notice is hereby given that the undersigned has been appointed the administrator of the estate of Louise Keogan, deceased, by the County Court of the State of Oregon for Multnomah County and has qualified as such. All persons having claims against said estate are hereby notified to present the same to me at 414 Oswego street, St. Johns, Oregon, with proper vouchers duly verified within six months from the date hereof. Dated and first published Friday, November 20, 1908. Richard H. Keogan, Administrator. Wm. A. Munly, Attorney.

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Now is the time to visit CALIFORNIA
 When summer has passed in these northern states, the sun is only mild under the bright blue skies of Southern California. This is one of nature's happy provisions—eternal summer for those who cannot endure a more severe climate. California has been called the "Mecca of the winter tourist." Its hotels and stopping places are as varied as those of all well regulated cities. Visitors can always find suitable accommodations, congenial companions, and varied, pleasing recreations.

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NOTICE TO ADVERTISERS.
 In order to insure a change of advertisement the copy for such change should reach this office not later than Wednesday, at 3 o'clock p. m. Please remember this and save the printer.

Mail Schedule
 Mail arrives at St. Johns at 7:10 a. m. and 1:15 p. m.
 Leaves at 10:20 a. m., and 4:45 p. m.
 Office open week days from 6:45 a. m. to 6:10 p. m. Sundays from 9 to 10 a. m.
St. Johns Ferry Time Card.
 Leave East Side (A. M.)—6:40, 7:10, 7:50, 8:30, 9:10, 9:50, 10:30, 11:10, 11:50. P. M.—12:30, 1:10, 1:50, 2:30, 3:10, 3:50, 4:30, 5:10, 6:00.
 Leave West Side (A. M.)—6:50, 7:30, 8:10, 8:50, 9:30, 10:10, 11:50. P. M.—12:10, 12:50, 1:30, 2:10, 2:50, 3:30, 4:10, 4:50, 5:30, 6:20.

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 It will pay you to get our prices. Groups and children's photos a specialty. Outdoor views, copying and enlarging.
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The Money Germ.
 The Baltimore Sun comes out with a warning that probably few will heed. It says, "Don't let the money germs bite you," and adds that a man who has taken the trouble to count 'em says that 124,000 bacteria roost comfortably on each one dollar bill after the currency has been circulating freely for a year or so. So if you have \$50 in your pocket you are probably carrying around about 6,200,000 germs. "Yet," says the Sun, "there are men brave enough to face this terrible risk just for the sake of having a roll of greenbacks. It simply shows what dangers man will undergo for money. Most of us, however, are not in serious danger."

Garibaldi's Simplicity of Character.
 An instance of Garibaldi's modesty and simplicity of character is afforded by the following letter, written to his wife at Caprera the day after the battle of Dignon:
 Dear Franconca—Yesterday the Italian volunteers fought the whole day against the Prussians, the best soldiers in the world, and won. The weather here is very cold, and it is snowing. I think may it will be the same in the Mediterranean. Take care of the cows and see that the calves do not suffer from the cold. Tell Pietro to sow the beans at the Tole and tell the children, Clelia and Manlio, that when I passed Marseilles I saw some beautiful toys, which on my return I shall get for them.

Ingenious Ponies.
 A rather curious habit has been developed by Mexican ponies in connection with the cactus thorus. When these creatures are thirsty it is said that before attempting to put their mouths to the prickly plant they will first of all stand and kick at the cactus with their heels. By this means the thorus are broken and the leathery skin bruised, and so the ponies can drink their fill of the cool juice without injury.—Strand Magazine.

They Were Not Encouraged.
 "I don't see why that young man doesn't propose."
 "I think, pa, that the chances of his doing it would be fully as good if you wouldn't leave your boxing gloves around where he can see them."—Bohemian Magazine.

Of course everybody likes and respects self made men. It is a great deal better to be made in that way than not to be made at all.—O. W. Holmes.

Our Charges.
 As is customary, we will charge for card of thanks, 50c; for resolutions of respect, \$1.00; for notices of church or lodge entertainments, suppers, sociables, etc., where there are charges for admission, 5c per line, but where there are no charges for these events, we will break the rule and insert them free. We make this announcement so that our good friends may understand our rule in this respect.