

What the Desert Looks Like

MORE ERUPTIONS DUE FROM MONT PELEE

In an interview at Fort de France, Martinique, J. A. Jagger, Jr., assistant geologist to the United States Geological Survey, who has been investigating volcanic conditions in the West Indies, said:

"The question has been constantly asked me, 'Do you not think it is finished now? Is not the danger over? I have always answered, 'The mountain at this moment appears calm, and the dust columns that one sees from time to time are largely due to landslides from the crater into the head of Riviere Blanche. The eruption of last night was to be expected. We may expect many more before so hot and vigorous a steam engine as Mount Pelee comes to rest."

"A diagnosis of the real diminution in activity can only be made after the mountain has been watched a year and all its movements recorded. After watching events here since May 21, I do not think a single habitation northwest of the line from Bellefontaine to Vive is safe to live in at present. I do not think that Carbet, Fonds-St. Denis, Morne Rouge or Basse Pointe are safe at present. Not that there is any immediate danger, but I believe that the action of Mon-

Pelee is too uncertain for us to be assured that a future eruption may not occur to windward.

"I know well that causing people to move from all these villages and habitations will produce great inconvenience, but the alternative is a risk of human life. When the mountain is entirely cold, and the people are protected by a properly equipped experiment station, with devices to signal danger, they may, with certain restrictions, return to the volcanic lands. No city should ever again, however, be built on the northeast end of the island.

"I do not think that Fort de France is in any danger from the volcano.

"Most of the towns in the West Indies are equally in danger from tidal waves. It would take an explosion from Mont Pelee of enormously greater dimensions than anything that has happened as yet to make a wave which would harm Fort de France.

"No evidence exists of augmenting violence in the eruptions hitherto which would lead to the supposition that a Krakaton explosion is coming here. In comparison Mont Pelee is

rather a small volcano. This is all I can say about danger."

Measure, English & Irish.

The firm of English & Irish is in Washington street, Buffalo, N. Y. Frank G. Du Bois, who is well acquainted with both members, says: "English is Irish and Irish is English. The father of Mr. Irish so informed me a few years ago."

Cupid Not Always Blind.

"Love," says the Manayunk Philosopher, "isn't so blind that it cannot see a dollar mark."—Philadelphia Record.

The importation of rubber by the United States has grown in thirty years from \$3,300,000 to \$30,000,000 per annum; fruits and nuts from \$7,500,000 to \$20,000,000; coffee, from \$24,000,000 to \$70,000,000, while tea has fallen from \$14,000,000 to \$9,000,000.

—From Harper's Weekly.

Another coronation that is taking place in this country.

Long engagements are rather expensive affairs in Russia. The bridegroom-elect is expected to send his fiancée a present every day.

"POCKET PLANETS."

Little Worlds Only as Big as a Farmer's Field.

It is no surprising thing nowadays for the announcement to be made that another planet has been discovered. Time was, however, when such an announcement was received with much interest. It is well known that between the orbits of Mars and Jupiter there is a belt ring of tiny bodies, "pocket planets," as Herschel called them, none with a greater diameter than 200 miles and some whose assigned diameter is less than seventeen miles.

There are doubtless some even smaller—about large enough for a farmer's cornfield perhaps.

So diminutive are these curious members of the solar system that even after one has been discovered it is quite likely to be lost. Of course it is possible to trace the movements of the asteroids as well as those of the larger planets, but the labor of doing so, especially of the many tiny ones of little practical interest, surpasses the probable value of the result, and in consequence the orbits of most of them are not yet calculated. The orbits of all these diminutive worlds lie in a belt about 100,000 miles wide and with a mean distance from the sun of about 250,000,000 miles.

At present more than 250 of these little worlds have been discovered, and more are found nearly every year. How many there may be it is impossible to estimate. One astronomer thinks there may be as many as 150,000 of them. The total number, whatever that may be, depends largely on whether or not there is any limit to their minuteness.

If there is no such limit, that is if some are very much smaller than those now known, too small to be seen with the telescope now in use, there may be an indefinite number.

Several theories have been advanced to account for the presence of the asteroids in that part of the solar system to which Bode's law assigned a planet long before their existence was known. Others proposed the hypothesis that they had once formed a single planet, which had at some remote time been shattered by a great explosion, the fragments continuing to revolve about the sun in approximately the orbit of the original planet.

The considerable variation in the eccentricity and inclination of their orbits, not to be accounted for by any present mode of calculation, and the greater probability of their separate formation just as were the other and larger planets according to the nebular hypothesis, has led to the general discarding of Oibers' theory.

None of the greater planets have orbits whose eccentricity much exceeds one-tenth the diameter or whose inclination to the ecliptic is greater than three degrees. Of the asteroids, however, many orbits are inclined more than ten degrees and have an eccentricity in excess of one-fourth the diameter.

According to the nebular hypothesis, which is at present generally accepted, the minor planets as well as the greater ones were formed by the condensation of rings of cosmic matter surrounding the sun. In the case of the asteroids the ring instead of con-

THE CARABAO AT WORK

An Animal That is Invaluable to the Philippine Natives.

Long of horn and tough of hide is the carabao of the Philippines. Sometimes it is called the water buffalo, and it resembles the animal of that name which is found in India. The name is fitting, for the owner, if left to itself, will stay in the water nearly all day. To the native it is invaluable. It tills his fields and draws his product to the market. It is meek and patient and docile, with great strength and a will to pull whatever it is yoked to over any road.

The army has found the bull train to be of great service in transporting provisions and ammunition from point to point. Once the transfer had to be made from the Bag-Bag River to San Fernando, a distance of twelve miles. It took half a day to make the journey. Some of the carabao died, but as a rule the method of transportation was a success, though slow. A buffalo, drawing a heavy load of ammunition, was driven up a sharp grade at Bag-Bag to reach the railroad track. Both front feet slipped, and the beast fell to his knees. Yet he pulled that load up the grade on his knees and did not attempt to stop until the straps had slackened. Then it was found that the knees of the animal had been injured and were bleeding.

One peculiarity about the buffalo is that he must have water and demands

it twice a day at least. Through the green that surrounds the walled city on the south there runs a small stream that empties and fills with the ebb and flow of the tide. When it is low there is plenty of mud, and when high the water is not clear. But the Government carabao that are loafing there now are not particular about the condition of the stream. They feed along the green slope until the heat of the day, then they crawl down into the mud and lie there until the rays of the sun are behind the walls of the city, when they come out again for the evening meal. Should they be wanted in the meantime the driver goes down to the bank and begins to throw stones and shout, "Hoo-o, Hoo-a!" When that sound breaks upon them as they stand there with their eyes shut and with jaws elevated above the water line deliberately chewing their cud, with one accord they silently sink out of sight. Sometimes they remain under water for more than a minute. Then they begin to come up, one at a time, and as they appear the "Hoo-o, Hoo-a" of their tormentor still smites the peaceful air. Slowly they move off, and it is not always in the right direction. It sometimes takes a half-hour's labor to get the drove to the bank. If

Listeners never hear good of themselves," and but rarely of anybody else.

"Hard words break no bones," but they do break hearts.

"Health is better than wealth," to him who has wealth only.

"The books which help you most are those which make you think the most," often by irritating you.

"The best advice is—don't give any away." Don't take much more.—L. de V. Matthewman, in the Era Magazine.

Horse Power.

A horse power is the force required to lift a dead weight of 33,000 pounds one foot a minute. To find the horse power of an engine multiply the area of the piston in inches by the average steam pressure in pounds per square inch. Multiply the product by the travel of the piston in feet per minute and divide that product by 33,000. If an engine is rated at seventy-three horse power it will raise 33,000 pounds one foot seventy-three times in one minute.

Hindus.

Millions of Hindus live, marry and rear families on an income which rarely exceeds half a dollar of our money a week. They never eat meat and need hardly any clothing.

Ask Your Dealer For Allen's Foot-Ease, A powder. It cures Corns, Bunions, Swollen Feet, Hot, Callous, Aching, Sweating Feet and Ingrowing Nails. Allen's Foot-Ease makes new or tight shoes easy. At all Druggists and Shoe Stores, 25 cents. Accept no substitute. Sample mailed FREE. Address Allen S. Olmsted, LeRoy, N. Y.

London's newspapers use up about 200 tons of paper every week day.

Rev. H. P. Carson, Scotland, Dak., says: "Two bottles of Hall's Catarrh Cure completely cured my little girl." Sold by Druggists, 75c.

A rolling stone never makes much of an up-hill fight.

FITS permanently cured. No fits or nervousness after first day's use of Dr. King's Great Nerve Restorer. 50¢ bottle and treatise free. Dr. R. H. KLINE, Ltd., 981 Arch St., Phila., Pa.

Some men won't be guided and others won't be guided.

Mrs. Winslow's Scolding Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c. a bottle.

The laws of gravitation are not responsible for a man's fall from grace.

Piso's Cure cannot be too highly spoken of as a cough cure.—J. W. O'Brian, 323 Third Avenue, N. Minneapolis, Minn., Jan. 6, 1903

You never hear conceited people complaining that life isn't worth living.

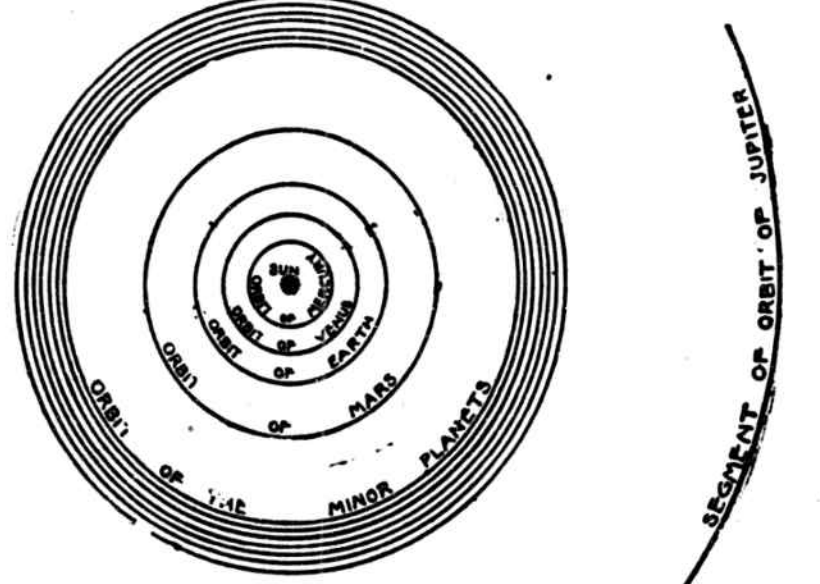
The Latest Corkscrew.

An ingenious American has set his wits to work on the corkscrew problem.

They are covered with mud it suits them better, for then their hides have a coating which the fly and mosquito cannot penetrate.—Chicago Record-Herald.

Depends Upon the Man.

The quality and excellence of a paper depend upon the character and ability of the man who conducts it. Such is the opinion of H. C. Miller, of the St. Peter (Minn.) Free Press. If he is a man fit to be a country editor at all, says Mr. Miller, and gives his best efforts to the enterprise, is reliable in all things, never loses sight of what is best for the interest of his community, always aims to be generous, strives to build up rather than to destroy, leads, not follows, and conscientiously supports the highest ideals, he is sure to earn the confidence and respect of the public, and his paper will become a power in the community.



LITTLE WORLDS NEWLY FOUND.

densing into one mass condensed about many points, the result being a great number of pigmy planets instead of a single large one, as in the case of the others.

If all the minor planets now known were to be combined into one its diameter would be less than 400 miles. A thousand more of them, supposing them of the average size, would make the globe scarcely a hundred miles greater in diameter, and its mass would even be less than one four-thousandth of the earth's.

Assuming the density of these little worlds to be approximately that of the earth, bodies on their surfaces would weigh very little. A man placed on one of them could easily jump to a height of sixty feet, and in a day he could walk entirely around his little world with less exertion than is required for his morning walk.

Why Philip Sobbed.

Little Philip was taken to the seashore for a week and he enjoyed the life immensely the first two days. He ran around on the beach until his face was sunburned and he was a bright red. Then the skin began peeling off and itched dreadfully. His mother was awakened at night by hearing the boy sobbing, and she called to know what was the matter.

"The paper is coming off my face," sobbed the little fellow.—New York Times.

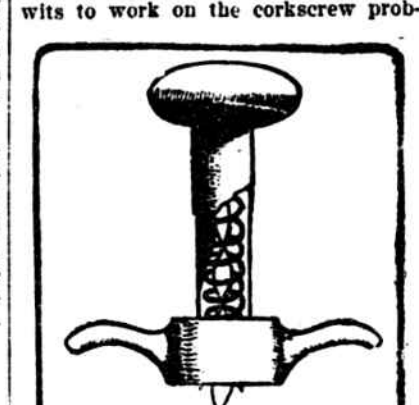
A Curious Thing.

It is a curious thing that the less money a man owes the less credit he has.—New York Press.

Lies.

Many a man lies because he doesn't happen to think of the truth.—Chicago News.

A document relating to the sale of land, dated 1562 and signed by Guy Fawkes, was recently sold in London for \$500.



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MOTHER AND DAUGHTER

Cured by Pe-ru-na of Systematic Catarrh.

An Interesting Letter From Mrs. M. K. Bousch, of Richmond, and Her Little Daughter, Pearl.



My baby contracted catarrh, and was doctored by several good physicians, but none did me any good. My mother was taking Peruna at the time and gave some of it to me, and I soon began to improve, and am now well and fat as a little pig. I am twelve years old. The doctors told mother I had the consumption, but it was only catarrh.—Miss Pearl Bousch.

It is no longer a question as to whether Peruna can be relied on to cure all such cases. During the many years in which Peruna has been put to test in all forms and stages of acute and chronic catarrh no one year has put this remedy to greater test than the past year. Peruna is the acknowledged catarrh remedy of the age. Dr. Hartman, the compiler of Peruna, has written a book on the phases of catarrh peculiar to women, entitled, "Health and Beauty." It will be sent free to any address by The Peruna Medicine Co., Columbus, Ohio. If you do not derive prompt and satisfactory results from the use of Peruna, write at once to Dr. Hartman, giving a full statement of your case and he will be pleased to give you his valuable advice gratis. Address Dr. Hartman, President of The Hartman Sanitarium, Columbus, Ohio.

Mrs. M. K. Bousch, Richmond, Va., writes: "I had catarrh all through my system for two years and could get no relief. I was advised to try Peruna, and I have taken five bottles of it and am well and better now than I have been for years. I can advise any one who has catarrh of any part of the body to take Peruna. My little girl, who is eleven years old, had catarrh, but was cured by Peruna. Before I began to take Peruna I was sick all the time, but now I am entirely cured and all praise is due Peruna."—Mrs. M. K. Bousch.

Miss Pearl Bousch writes: "When I was

SKIN-TORTURED BABIES

Sleep for skin-tortured Babies and rest for tired, fretted Mothers in warm baths with CUTICURA SOAP, and gentle anointings with CUTICURA OINTMENT, purest of emollients and greatest of skin cures, to be followed in severe cases by mild doses of CUTICURA RESOLVENT PILLS. This is the purest, sweetest, most speedy, permanent, and economical of treatments for torturing, disfiguring, itching, burning, bleeding, scaly, crusted, and pimply skin and scalp humours, with loss of hair, of infants and children, as well as adults.

MILIONS OF MOTHERS

Use CUTICURA SOAP, assisted by CUTICURA OINTMENT, the great skin cure, for preserving, purifying, and beautifying the skin, and for all the purposes of the toilet, bath, and nursery. Millions of Women use CUTICURA SOAP in the form of baths for annoying irritations, inflammations, and ulcerative weaknesses, and for many sanative, antiseptic purposes.

COMPLETE TREATMENT FOR EVERY HUMOUR

Consisting of CUTICURA SOAP, to cleanse the skin; CUTICURA OINTMENT, to heal the skin; and CUTICURA RESOLVENT PILLS, to cool and cleanse the blood. A SINGLE SET is often sufficient to cure the most torturing, disfiguring, itching, burning, and scaly humours, rashes, and irritations, with loss of hair, when all else fails.

CUTICURA MANUFACTURED AND SOLD THROUGHOUT THE WORLD. British Depot: F. S. C. Hartman, 10, London. French Depot: 4, Rue de la Paix, Paris. German Depot: 10, Berlin. Italian Depot: 10, Milan. Spanish Depot: 10, Madrid. Russian Depot: 10, St. Petersburg. Chinese Depot: 10, Peking.

Hilness Makes the King Write.

His majesty, never very fond of letter-writing at any time, generally reserves penning his private epistles till he is confined to his room through illness.

The German Emperor once had a letter from his Majesty, as Prince of Wales, which commenced as follows: "I have a wretched cold, and have been indoors two or three days. I am miserable and in a frightful temper, so will write to you."

The last time the Kaiser was in England he showed this letter to King Edward, who laughed very heartily at his unconscious rudeness.

The present Princess of Wales always declares that her husband is "the most impatient patient in the world." His Royal Highness is a very bad hand at taking medicine, and often laughingly declares that he has saved his life over and over again through accidentally mistaking his physician's answers.

Society Men's Club Dues Are Heavy.

A man like Alfred Gwynne Vanderbilt belongs of necessity to so many clubs that his club dues come annually to \$8000 or \$9000. This is also true of such men as W. C. Whitney, Dr. Seward Webb, John Jacob Astor and A. J. Drexel, Jr.

The Englishmen of great social position belong to even more clubs than their American equals, and for one man to belong to fifty or sixty of them is not at all unusual.

Food to Suit.

A distinctly twentieth century idea is that of a hotel-keeper who provides for his patrons a diet list made out by a physician, showing the food best suited to each person, says Pearson's Weekly. The fat, thin, the dyspeptic, the amemic—all are catered for; and not only so but so far as possible dishes are provided which, while they are adapted for each particular case, do not offend the palate.

In Persian Towns.

In Persia, as well as in Turkey and throughout the Orient generally, modern waterworks are unknown, and in every Persian town the women and girls may be seen at daybreak on their way to the common wells just as in old Bible times.

About the hardest line of duty is the clothesline.

Hard Luck.

While their pupils are holiday making from May 1 to September 1 many of the Swiss cantonal schoolmasters around Zermatt take situations in the hotels as waiters or porters.

EVERY BOY that plays Foot Ball should have a bottle of Official Foot Ball Guide. It contains a fund of interesting and useful information concerning chapters for beginners, football for spectators, regulations for the game, American team, Southern foot ball, Western foot ball, the new rules, records of college and school teams for the past season, and photos of star players, for sale by all dealers and A. G. SPALDING & BROS., New York, Chicago, Boston.

GENUINE STAMPED C.C.C. NEVER SOLD IN BULK. Beware of the dealer who tries to sell "something just as good."

HAMLIN'S WIZARD OIL CUTS WOUNDS. ALL DRUGGISTS SELL IT.

RIPANS

To say that I am surprised at their action will convey but a slight idea of the value I set upon Ripans Tablets. I derived immediate benefit and to Ripans Tablets am deeply indebted for feeling as I do to-day.

If the people of this country knew the efficacy of Ripans Tablets for stomach and head troubles they would be relieved from many afflictions.

At druggists.

The Five-Cent packet is enough for an ordinary occasion. The family bottle, 50 cents, contains a supply for a year.

DROPSY NEW DISCOVERY; gives relief in 10 to 15 days. 100¢ bottle. Free. Dr. H. E. GREEN'S BLOOD PURIFIER, 100¢.

ADVERTISING PAYERS. N. Y. 50

PISO'S CURE FOR CURS WHILE ALL ELSE FAILS. In time sold by druggists.

CONSUMPTION

RULER OF THE WAVES.



Another coronation that is taking place in this country.

Long engagements are rather expensive affairs in Russia. The bridegroom-elect is expected to send his fiancée a present every day.