

ERUPTION MAY GIVE SCIENTISTS CLEW

Geologist Expects to Derive Formulas on Which to Base Predictions in Future.

PHENOMENON IS ANALYZED

Common Sense of People in Making Quick Escape Feature of Sakurajima Disaster and Cause of Saving 10,000.

KAGOSHIMA, Japan, February 24.—(Via San Francisco, March 12.)—Dr. Thomas A. Jaggar, professor of geology at the Massachusetts Institute of Technology and director of the Hawaiian Volcano Observatory, who is studying the Sakurajima eruption, informs the Associated Press that he considers the eruption of great scientific interest, for it may furnish a formula for gauging the potential danger of future eruptions.

He believes the earthquakes of January 11, preceding the flow of lava, were due to the attempts of the lava to force its way to the surface; that the great earthquake of January 12, which was accompanied by a glow in the sky, was caused by the lava reaching the air in the crater, and that the display of January 13 marked the discharge of the lava.

Escape of City Explained.

The practical immunity of Kagoshima City, Dr. Jaggar believes, was due to the early emission of lava, as no other cities so near an active volcano have escaped more serious damage in such great quantities.

Only the speedy flight of the inhabitants prevented great loss of life, for at least 10,000 were in the death-dealing zone, and undoubtedly would have perished had they remained there.

If the latest official figures are to be accepted, only about 25 persons lost their lives on the island. However, it is impossible to verify the loss of life, as the islanders scattered in many directions. Dr. Jaggar considers that the deaths were phenomenally few, taking into account the gravity of the eruption.

In the last phase of the eruption black lava was flowing to the sea in tubes of its own making, finally joining the mainland, on the east, and converting the island into a peninsula.

Lava Still in Motion.

A great deal of lava escaped from the promontory of lava with numerous lobes that had formed into the sea on the western or Kagoshima side.

All the lava flows except the north flowing lobe at Kurokami are still in motion. The east channel which is bridged was 50 feet deep in places, averaged about 30 fathoms, and was a quarter of a mile wide. The free flow of lava, diminution of explosion and rare earthquakes all suggest that the eruption is reaching its finishing stages.

Dr. Jaggar places Sakurajima between the Vesuvius and Tarumia types (Tarumia being in Hokkaido), the dangerous feature being the downward rush of gas and ash, making a tornado of fire, which the lava has long been confined underground.

"I know of no case in volcanic history," said the scientist, "where lava has flowed out so voluminously and so freely as in this case, releasing gases in solution and being followed by violent explosions."

People Show Common Sense.

"I am especially struck by the demonstration of common sense of the people in escaping so quickly," he continued. "In Yokoyama and Arimura villages there is evidence of a down-rushing blast of ash such as devastated St. Pierre, in Martinique, and Taal, in the Philippines. This is shown by uprooted and alkali trees and bombardment scars."

Sakurajima, the expert decided, was a mixed volcano with characteristics of both fissure and explosive eruptions. The flow of lava was of the rough block type, almost Sanson in its alteration of topography.

Dr. Jaggar paid a tribute to the wisdom of the scientific and governing authorities of Japan in handling the dangerous situation.

SAILORS' FOOD DEFENDED

Ex-Captain Says Tars Live Better Than Most of Committeemen.

WASHINGTON, March 12.—Before the House marine committee today, in a discussion of the proposed amendment to the bill, W. H. Crowley, representing the Boston Marine Society, an organization of ex-sea captains, declared most of the sailors of today get better food "than most of us in this room generally get on our own tables."

Supervising Inspector-General Uhler, of the United States Steamboat Inspection Service, denied charges that the steamboat inspectors were inclined to lean toward the vessel owners in their official work.

He said the regulations for lifeboats on the Great Lakes vessels were adequate to protect passengers and crew. William J. Hunt of Cleveland, a veteran Great Lakes skipper, opposing the seamen's bill, said the reason his people did not drill their boat crews during stormy weather was that they did not want to lose men and be prosecuted for it.

BOOTHS TO BE ORDERED

Sheriff Authorized to Contract for Election Paraphernalia.

Sheriff Ward was authorized yesterday by the County Commissioners to enter into a contract with the Portland Special Delivery Company to provide suitable voting booths in 193 city precincts in which to hold the primary election May 15, and to carry all election supplies to and from the booths.

The bid of the company, which was recommended to the Commissioners as the best bid, was for \$2500. Three other bids varying from \$2400 to \$2650 were received, but the higher bid was recommended, Sheriff Ward said, because the Special Delivery Company was the only one which filed a \$3000 bond for the performance of the work and because the company has done the same work at several other elections and in a manner satisfactory to the city and county.

LOWE'S ATTIRE CHANGES

Accused Man Enters Court Dressed in Overalls and Khaki Coat.

Although John Lowe, accused of violating the Mann white slave act, appeared yesterday for his trial before Judge Bean in United States District

Court dressed in overalls and a khaki coat, the Government introduced witnesses who testified that up to and at the time of his arrest, he was dressed in stylish clothes.

Policeman Wise, who searched Lowe's trunk after his arrest, testified that he found five suits of clothes, and Police Sergeant Harms, who, with Policeman Nutter, arrested Lowe, said that they had never seen the defendant in workman's garb until the preliminary hearing following the arrest.

ROAD TRANSFER OPPOSED

Protests Made Against Proposed Montgomery Drive Improvements.

Protests against the proposed taking over of a portion of Montgomery drive by the city were filed with the County Commissioners yesterday by Walter N. Smith, Susan W. Smith, Ruth S. Carter, Judge Thomas O'Day and Dorsey P. Smith, owners of property abutting on the drive.

Improvements made in that section of the city have cost the property owners

AIR CONTEST LIKELY

Aero Club Sanction for Festival Race Is Awaited.

8 ENTRIES ARE PROMISED

Meet to Be First of Kind Held on Pacific Coast and Strong Drawing Card for Attendance at Rose Celebration.

The long-awaited official sanction of the Aero Club of America to hold the next annual balloon contest in Portland, during the Rose Festival, probably will be received within the next two days.

FILMS DEPICTING "INSIDE OF WHITE SLAVE TRAFFIC" ATTRACT LARGE CROWDS AT THE HELLIG



SCENE IN WHICH GIRL IS ENTRAPPED BY PRETENDED DEFENDER.

"The Inside of the White Slave Traffic," the series of motion pictures that show the traffic in human flesh and souls, continues to attract large audiences at the Hellig Theater. Among the strong scenes are those in which the innocent girls are ensnared by pretended defenders and by so-called friends. In one of these a young factory girl is insulted on the street by a man who in reality is one of the members of the trafficker's gang. She is defended and ultimately led to her ruin by a good-looking chap who appears as if by accident. The pictures will be shown for the remainder of the week.

ers heavily, those presenting the protests say, and the transferring of the drive to the city for purposes of improving it from St. Helens Court to the station road after the manner of the improvements on Vista avenue is more than they care to pay at present.

Those opposing the change urge further that there is no immediate need for the improvements such as are proposed.

USE OF SCHOOLS URGED

Buildings Should Be Social Centers, Says Professor Proctor.

The wider use of school buildings in the new social welfare plans was the topic discussed in the Central Library Wednesday night by W. M. Proctor, professor of education of Pacific University. The lecture was one of the Reed extension course series.

Night schools, school buildings as social centers and recreation centers were discussed. The lecture was illustrated by slides which the Reed Foundation, of New York, is furnishing. The lecture will be repeated before the Civic Center League.

SHASTA LIMITED PRAISED

Shasta Limited, leaving Union Depot daily 3 P. M. for Puget Sound cities, provides all the advantages of de luxe travel. Phone Marshall 4500, A 6121, for tickets and reservations.—Adv.

Bandon Lodge Woman Honored.

BANDON, Or., March 12.—(Special.)—Mrs. Wilbur Hoover, member of the Pythian Sisters, has been appointed deputy grand chief of the order for the state of Oregon.

VETERAN LETTER CARRIER FINDS RELIEF AFTER LONG SUFFERING

S. F. Stevens Is Congratulated by Hosts of Friends on Regaining Health.

Samuel F. Stevens, formerly chairman of the executive board of the National Association of Letter Carriers, who has also served as president of the Cincinnati and San Francisco branches, is being congratulated by his friends throughout the United States on his complete recovery from rheumatism that caused him excruciating pain at frequent intervals for eight years. He is telling them that Akoz, the wonderful California medicinal mineral discovered by J. D. Mackenzie, president and manager of the Natura Company of San Francisco, cured him in one month.

Of his twenty-six years of service with Uncle Sam, Mr. Stevens has spent the last sixteen years in San Francisco, where he has a large number of friends. He resides at 143 Hickory avenue. So grateful was he because of his recovery that he wrote the Natura Company as follows:

"That I am able to carry mail today is surely due to the great curative powers of Akoz. I had rheumatism for eight years and suffered excruciating pain all through my body. During one severe attack my weight dropped from 184 pounds to 90 pounds and I was confined to bed three months. Last June a similar attack started and I had to quit work for more than a month.

"Learning of Akoz, I tried the internal treatment and also used the Akoz compound externally on my swollen joints, with the result that I was completely cured in one month. It is surely the greatest remedy I have ever found. I have no hesitancy in recom-

ably will be received within the next two days. With this preliminary, and the most important feature of all arrangements for the event out of the way, the plans to procure entries, fix conditions of the events and set the exact data can be taken up by the Festival governers.

The importance of the aerial meet lies in the fact that it will be the first held on the Pacific Coast, and will be one of the strongest drawing cards from the standpoint of outside attendance that the Festival has had.

Messages received yesterday from Joseph M. Rieg, the representative of the Rose Festival, who has been in the East negotiating with the Aero Club and professional balloon pilots, said definitely that many prominent air pilots have agreed to take part in the race. Mr. Rieg says:

"Those who have signified their intention of coming to Portland for the National meet are: Kansas City, one; St. Louis, four; Springfield, Ill., one; Los Angeles, one, and Chicago one. The entries in question are Salt Lake, Goodyear Company and Indianapolis, but feel sure about getting Salt Lake and the Goodyear entry."

President Colt, of the Festival, has announced that Thursday, June 11, has been left open for the balloon meet.

Arrangements are under way to procure a suitable tract of ground as close in to the city as possible from which the start of the race can be made. A number of sites have been inspected where it will be possible to manufacture the inflating gas according to required specifications. It will be necessary to have an open field of several acres in extent and near enough to town to pipe the gas to the inflating stations.

Such details, however, will not be completed until a conference has been held with Captain H. E. Honeywell, of St. Louis, who is the official representative of the Aero Club and who acts

as general director for all balloon contests held under the club's auspices. He will make a preliminary trip to Portland within a few days after the official sanction has been granted.

RATE MEETING SCHEDULED

E. F. Deigert, Expert for O.-W. R. & N. Co., to Attend Conference.

E. F. Deigert, rate expert for the O.-W. R. & N. Co., will leave tomorrow for St. Paul, where he will attend a meeting of passenger rate representatives of all lines operating in the Northwest.

Eastbound one-way rates and round-trip rates to Yellowstone National Park will be fixed at this meeting. It is understood that the carriers intend making the Yellowstone rates as low as are consistent with economy in an effort to attract summer tourists in greater numbers. This is a part of the "See America First" campaign now being conducted by the American railroads.

Bandon Gets Box Factory.

BANDON, Or., March 12.—(Special.)—Another box factory has been started in Bandon by George Geisendorfer. The machinery has been installed and the plant is now running in full force getting out a big order for a company in San Pedro.

JAIL BREAKER IS SHOT

TWO PRISONERS ESCAPE FROM KELLY BUTTE TEMPORARILY.

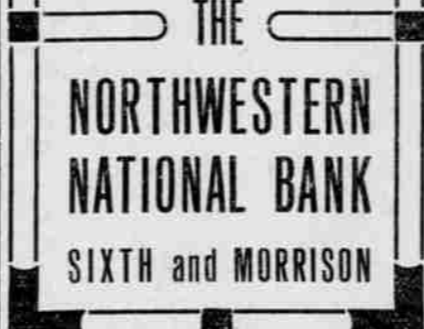
Injured Man Removed to County Hospital and Others Are Captured With Aid of Bloodhound.

One prisoner was shot and is in the hospital while two others made their temporary getaway in a jailbreak attempted by four prisoners at the Kelly Butte prison at 1:40 P. M. yesterday.

Thomas O'Brien is at the Multnomah Hospital with a flesh wound at the waist and William Trotter and D. W.

CONVENIENCE

Located at Sixth and Morrison streets, this bank is most conveniently situated for serving the financial needs of the retail commercial district of Portland. Its location is equally advantageous for those desiring personal or household checking accounts.



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Brown were captured three miles east of the butte about 8 o'clock last night. Trotter and Brown were driven into the woods east of the prison by the bloodhound kept by Sheriff Word and were captured without resistance. This is the second time within the past two weeks that escaped prisoners have been captured by the assistance of the dog.

O'Brien, who confessed to Sheriff Word after he had been taken to the hospital, that he was the leader of the plot in which four men had agreed to make a break for liberty, was received at the butte Wednesday to serve 30 days on a vagrancy charge. Trotter was sentenced January 5 to serve six months for burglary and Brown was doing a 300-day term for larceny, having been committed February 16.

The escape was made from the stockade in which 60 men were working. The four men started over the

rockpile. Guard Wise called to them to stop, and fired into the air but O'Brien continued. His second shot passed through O'Brien's body just above the right hip. One of the four men was seen to come back and the other two were not missed until the prisoners were counted.

Widow Sues for Husband's Death.

KLAMATH FALLS, Or., March 12.—(Special.)—Mrs. Maggie Pearson has filed a new suit against the Big Basin Lumber Company, for the death of her husband, in a logging camp near Keno. In this suit she has included Charles Thomas, individually, alleging that he was foreman and that he sent Pearson to do dangerous work with which he was unfamiliar. Thomas was the contractor, engaged in getting out logs for the company.

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