

SCIENTISTS STUDY HIDDEN POWERS OF MOUNT VESUVIUS

Storehouse of Fiery Fury When Volcano Quiet Is Mystery—Top Blowing Off in A. D. 79, Burying City

WASHINGTON, D. C., (Sp.)—Why does Vesuvius erupt? Where is stored her fiery fury during quiet periods? Has she caverns leading off from the main tube, full of restless energy which may tap, releasing pent-up danger, just as a safety valve lets off excess steam from a locomotive's boiler? Can that energy be harnessed to grind men's grain, heat their homes, and light their streets?

"These are questions which daring scientists, entering the hiding mouth of the monster, recently have sought to answer," says a bulletin from the Washington, D. C. headquarters of the National Geographic Society. "To the people of Naples, whose close-grouped houses and fruitful vineyards lie within hailing distance of the 'nervous' volcano, the investigation holds profound interest."

Blew Off Its Head in A. D. 79

"At the beginning of the Christian era, Vesuvius, having lain dormant for centuries, was overgrown with scrubby inside and outside its crater; and in 79, a terrific explosion blew off a large section of the crater's rim. Vesuvius belched out millions of tons of ash and dust, burying Pompeii, Herculaneum, and Stabiae in a depth in some places of 66 feet. Before the inhabitants had opportunity to flee, suffocating fumes rained down the slopes and brought death to thousands. Condensing steam fell like torrents of rain on hot volcanic dust, forming a boiling mud which ran down the mountain-sides in heavy masses. Strangely, there is no evidence of lava streams during this eruption. Yet, so completely was the region covered that for centuries the locations of the buried cities were unknown."

"The crater behaved treacherously for a thousand years, then seemed to die. After lying quiet 300 years, it sprang to life in 1631. Again it blew off its 'head,' reducing the cone's height by 225 feet—height equal to a modern 35-story building! During this eruption, rivers of fiery lava streamed down the mountain's sides, killing 18,000 people were killed."

Scientists Studying Source of Volcanic Force

"The latest severe eruption, in 1906, was carefully watched by scientists. Three distinct phases of activity were noted: progressive rising of heaving lava, which was ultimately ejected, together with volumes of smoke and ash; a rushing out of great quantities of gas, made possible after the volcano had cleared its throat of liquid lava; and finally emission of choking dust and ash which formed heavy black clouds, the strongly electrified particles of which were held close to earth as by a magnet."

"If the central tube of Vesuvius extends straight into the earth, there is probably little that scientists can do to prevent future eruptions. But say the investigators, it is possible that the tube goes inward, and that a curvature in its long neck causes lava to clog the throat until terrific pressure is gathered, resulting in upheavals such as those of 79, 1631, and 1906. In either case, attempts may be made to tap the tube, releasing pressure before an explosion occurs. Then, if volcanic action can be controlled, more tunnels may be drilled into the crater's sides, to take out natural steam, either for generating electrical energy, or for heating purposes."

"At Larderello, near Florence, volcanic formations have been tapped successfully for their natural vapor since 1916. Steam from some 'wells' has a temperature of 356 degrees Fahrenheit, and rushes out under tremendous pressure. Dynamoes, driven by the volcanic steam energy, generate electricity which is used for miles around."

"Near Sonoma, California, geysers are harnessed in a manner somewhat similar to that used on their volcanic cousins at Larderello. They supply electric power and light for the neighboring region."

Married Twice, Not Divorced

SALEM, Mass.—(UP)—Mrs. Ida Goldthwaite recently married Frederick A. Bennett, retired merchant. The bride, who was married twice before, is 65. The groom, who was married three times previously, is 82. Neither ever has been divorced.

Use Mail Tribune want ads

Reaches Hollywood



Mildred Holmsen, whose appearance in shorts and bare feet in Reno, Nev., caused her divorce hearing to be held up half an hour, has arrived in Hollywood in search of material for a book. She is shown clad in her usual garb. (Associated Press Photo)

DICTATORS DISCUSSED BY EVANGELIST BURKE FIRST BAPTIST CHURCH

Maintaining that he had no political ax to grind, Evangelist Henry E. Burke gave an illuminating discourse last night on the theme "America's coming dictator," at the First Baptist church, where Mr. Burke, with his party, are conducting a series of special meetings. Mr. Burke said "The spirit of dictatorship is in the air everywhere, people are looking for a superman to lead them out of their economic woes. If they should find such a man and he would guarantee them material success and security, they would worship him. However, said Mr. Burke, 'I do not believe that the American people would accept a dictatorship like those in Europe.'"

"People are clamoring for a superman, largely because we have failed to guarantee the right conduct of men by our present system. Democracy is failing, not because the principle is wrong, but because men fail to take upon themselves the necessary responsibility for such a system," continued Mr. Burke.

A special service of unusual interest has been prepared for this evening. It has been designated as "Cross Night." The entire service will center itself around the cross and will be illustrated by an illuminated cross. Mr. Burke will speak on the subject, "In the Shadow of Calvary's Cross."

Card of Thanks.

We wish to thank those who so kindly assisted us during the illness and death of our beloved brother and son, Lee Mitchell; also for the lovely flowers—Husie Mitchell and Family.

A year in the Green Bay, Wis., reformatory is the penalty Theodore D. Damon, 20-year-old Milwaukee youth, must pay for speeding away after his car struck and killed a man.

UMBRELLAS repaired and recovered—Medford Cycles, 28 N. Fir.

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ASHLAND DEFEATS LOCAL OPTION BY 976 TO 642 VOTE

ASHLAND, Nov. 8.—(Sp.)—The issue that aroused the greatest interest among Ashland voters for many years, local option, brought a record number of citizens to the polls Tuesday to defeat the proposed measure by an almost three to two majority in the general election, reversing the dry sentiment that has prevailed for a long time.

Complete returns showed that only one precinct, Ashland South, voted dry, and that by only a single vote. The total count was 976 against the prohibition of liquor sales in Ashland, and 642 in favor of local prohibition.

The race for three seats on the city council, which drew eight candidates, ended with G. T. Applewhite first across the finish line, with Ingle and Hansen close behind and both "in the money." Only three were to be elected, leaving five defeated candidates. They finished in the following order: Blagg, Coggins, Brower, Haskins and Powell. Coggins, who finished fifth, put on a hot campaign on the basis of a platform to make Ashland free of city taxes within three years. Brower was the only other active campaigner, advocating a new city charter, and he finished close behind Coggins.

The only other local election of interest was for the city recorder. J. Q. Adams was re-elected with a landslide of votes, finishing almost four to one in front of his opponent, A. M. Peters. The final count was 1236 for Adams, and 368 for Peters.

Contrary to nationwide returns, but in accordance with the political temper of southern Oregon, Ashland and surrounding precincts went Republican on almost every state and county candidate.

Joe E. Dunne nose out his Democratic opponent, Charles M. Martin, 917 to 863, with Peter Zimmerman, Independent, polling 424. Earl Snell finished ahead of Horace E. Walter, Corvallis Democrat, with a good majority, 1294 to 871.

According to Ashland sentiment, as recorded at the polls, Senator George W. Dunn was well on his way toward re-election as state senator from the sixth senatorial district, leading Democrat E. E. Kelly, Medford attorney, 1535 to 745.

The only Democrat to receive even a slight approval in Ashland was William Grember for state representative, who was only a few votes ahead of Republican A. E. Brockway. Glenn O. Taylor was leading, 1021 to 985.

Earl B. Day, R. E. Nealon and Walter J. Olmstead, all Republican candidates for county offices, led their Democratic opponents by good margins in Ashland.

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22 on Honor Roll at The Junior High School

Junior high school's honor roll has been issued, with 22 listed students, out of which the 8B and 8B grades rank first, each with eight.

Lloyd Colbaugh, 7B, ranks first of the list, with five grades of "A" and two of "B." Evelyn Shaffer, 8A, has four "A" grades, and Edith Hodgkins, also 8A, has four "A" grades and one "B" grade.

The list follows:

Colbaugh, Lloyd	7B	A2	B2	A2	A2	A	B2	A2
Wilson, Donald	7B	B2	B2	B2	B2	B	B2	A2
Bare, Betty	8B	B2	B2	B2	B1	A	A2	
Daugherty, Burton	8B	B1	A1	A2	B2			
Dow, Merlin	8B	B2	B2	B	A2	B1		
Forsythe, Bobbie	8B	B2	B2	B2	A2	B1		
Kesee, Louise	8B	B1	A2	A2	B			
Mead, Josephine	8B	A2	A2	A2	B2	B		
Thompson, Eugene	8B	B2	B2	A	B2	B		
Zellmer, Dorothy	8B	B2	B2	A2	B2			
Densmore, Robert	8A	A2	B2	B2	A			
Grimes, Virginia	8A	B2	B2	B2	A			
Larimer, Warren	8A	B2	B2	B	A			
Murdock, Helen	8A	B2	A2	B				
Raymond, Kenneth	8A	A2	A2	B				
Smith, Ernest	8A	B2	B2	B2	B			
Stocks, Muriel	8A	A2	B2	B2	B			
Wertz, Bertha	8A	B2	B2	B2	A			
Chaney, Rebecca	8A	A2	A2	A2	B			
Harwood, Corinne	8A	B	A2	B2	B2	B		
Hodgkins, Edith	8A	B2	A1	A2	A			
Shaffer, Evelyn	8A	A1	A2	A2				

CUTTING LEADING IN NEW MEXICO BALLOT

SANTA FE, N. M., Nov. 8.—(AP)—Senator Bronson Cutting, republican

Independent, today had a lead of more than 1,100 votes over his democratic opponent for reelection, Congressman Dennis Chavez.

In 659 out of 785 precincts the totals stood:

Cutting, 67,393.

Chavez, 65,233.

For MODERN FUEL OIL delivery, Phone 332, Reinking Trucking Co.

HONOR STUDENTS FOR SENIOR HIGH NAMED ON ROLL

According to an announcement made by the senior high school principal's office, the first six weeks' honor roll is posted. Requirements for eligibility on the honor roll are that a student must have at least two A's in the two divisions, and at least one B in the two divisions, with a C in the one division, or two A's and two B's both in the two divisions.

Bogers, Pauline — A1 A2 A1 A2 A2
Wilson, Wauweta — A1 B2 C1 A2 A2
Hammond, Dorothy — A2 A2 A2 A2 A2
Hopkins, Dorothy — A2 A2 A2 A2 A2
Spreker, Lois — A1 A1 B2 A2 A2
Lowry, Wallace — A1 A1 B2 A2 A2
Soltzky, Jane — B2 A2 A2 A2 A2
Thornike, Betty — A2 A2 B2 A2 A2
Hort, Barbara — A1 B1 A2 A2
Lowry, Phil — A1 A2 A2 A2
Moore, Beverly — A2 A2 A1 A2
Hedges, Ruth — B2 A1 A2 A2

Leale, Rosalie — B2 A2 A1 B2
Sampson, Jerry — A1 B2 B2 A2
Chirwin, Helen — A2 A2 A2 A2
Pruze, Lo's — B1 A2 B2 A2
Herman, Lois — A2 B1 B2 A2
Shamie, Dorothy — A2 A1 A2 A2
Wilson, Billy — A2 A2 A2 A2
Cook, Caroline — B2 A2 A2 A2
Hensley, Roy — B2 A2 A2 A2
Johnson, Ross — A2 A2 A2 A2
Waltlock, Edith — B2 A2 A2 A2
Scheel, Anna — C1 A2 A2 B2
Ellensburg, Chloe — B2 B2 A2 A2
Mead, Kathryn — B2 B2 A2 A2
Seller, Cherokee — B2 B2 A2 A2

FOSGREN PINNED BY PAUL BOESCH

PORTLAND, Nov. 8.—(AP)—Paul Boesch, 220 pounds, Brooklyn heavyweight wrestler, won two out of three falls here last night to defeat Jack Fosgren, 222, Vancouver, B. C. The bout was featured by clean, clever and colorful wrestling, the men struggling through three hard-fought falls. Boesch won the first fall in 31:20 with a series of flying tackles. Fosgren took the second in 14 minutes with a back-breaking crab hold. Boesch took the final fall

in less than five minutes with a double drop kick.

Bob Kruse defeated Ole Anderson Oklahoma City, in the third round. Anderson was a victim of his own educated legs. When he failed to release Kruse from a leg scissors, after the latter had regained his feet, Kruse was declared the winner with Anderson's shoulders touching the mat.

The masked Red Devil won from Jim Maloney in the second round and Harry Keat, Hillsboro, and Hal Rumberg, Spokane, went to a draw.

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Hats Sale Prices 69c to \$3.95

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