

FUMARoles HOLD KEY TO HISTORY OF CRATER LAKE

Scientists Discover Many Old Vents in Tuff Deposits—Similar to Famed Alaska 'Valley of Smokes'

CRATER LAKE NATIONAL PARK, Ore. — (Special)—Geological study in Crater Lake National Park has just brought forth a new feature which may prove to be one of the most important keys in deciphering the history of Crater Lake.

Ranger Naturalist Warren D. Smith, also professor of geology at the University of Oregon, and David T. Griggs, geologist of Harvard university, announce the discovery of many old fumarole vents in the great tuff deposits which fill the valleys radiating from the rim of Crater Lake.

In recent years geologists have come to believe that these tuff represent flows and showers of incandescent ash and other fragments erupted from the top of old Mt. Mazama, ancestral mountain of Crater Lake, and which has flowed down its valleys filling them to a depth of several hundred feet.

That these flows were hot is shown by the fact that in many places trees overhatched by this material were found during the past two or three years turned into charcoal. Now it is found that the top of these deposits is apparently honeycombed here and there with small conical caverns and tubular openings out of which steam and other gases issued.

As the top of the gray tuff deposit is hidden by a bed of pumice, 10 to 15 feet thick, they are not easily seen except from within the rim of Wheeler Creek canyon in which the present discovery was made. Their position is marked by a band of reddish tuff (due to oxidation) just beneath the light pumice valley filling.

It is quite probable, judging from the number of these fumaroles within the small area studied that when the top of Mazama was destroyed, forming the gigantic crater now filled by Crater Lake, these deposits were dotted with thousands of these smoking fumaroles, similar to the region in Alaska known as the Valley

NET QUEENS RECEIVE LAURELS



Miss Elizabeth Deike (center) of Pasadena, Calif., and Miss Lydia Kayser (left) of Buffalo, N. Y., were winner and runner-up respectively, in the National Women's Municipal Tennis championships held in New Orleans. James L. McCall (right) presented trophies to the women. (Associated Press Photo)

KING AT WHEEL WHEN AUTO HITS ROADSIDE TREE

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off a country road and hit a tree. She died within five minutes in her king's arms and with his lips on hers.

The king was only slightly injured. The couple's chauffeur, who was riding in the rear seat while his master drove, suffered broken legs and possible internal injuries. Physicians said he might die.

Attendants who followed in another car said they saw their monarch turn his head for an instant, apparently admiring the mountain scenery, as he drove at a rate of between 50 and 55 miles an hour along the sunny road beside the lake called "Vier Waldstatter See."

The touring car swung in the side of the road, hit an eight-inch curb and rammed into a tree, then tumbled into the shallow lake just eight feet from the road.

All three of the occupants were thrown out. The queen was thrown against another tree, fracturing her skull. The king's face was cut by the smashing windshield. Momentarily stunned, he picked himself up and went to the side of the Swedish princess he married nearly nine years ago.

Leopold held Astrid in his arms, kissed her again and again, and begged her to speak to him. She barely moved. It was impossible to tell whether she recognized him.

The cure of a village church just outside Kusnacht came to them. He administered extreme unction. Then, as the king held her close, Astrid died.

The king himself straightened her body and smoothed her clothes. The royal attendants, a gentleman-and-lady-in-waiting, and the chauffeur of the car in which they had been riding, covered the still form with their coats.

The accident occurred at 9:15 a. m. King injured. The full extent of the king's injuries were not immediately determined. A physician said he feared Leopold's jaw might be fractured.

The doctor stated that, in any case the jaw would account for the king's inability to explain the cause of the accident himself. The 33-year-old king's grief over

the death of his wife was such that none presumed to question him further.

Peasants nearby immediately telephoned to Kusnacht for help. A doctor arrived within five minutes after the queen had died.

Leopold kissed the dead Astrid once more, then was taken away in the doctor's car to have his wounds dressed. Afterward he was taken to the Villa Haslihorn to which the queen's body later was taken in another car.

After her king had gone, Astrid's body lay beside the fatal tree. Still covered with the coats, it was watched for a full hour by the bare-headed members of the household, peasants, villagers and gendarmes. Then it was removed by an undertaker.

Chauffeur May Die. The chauffeur, originally reported as only slightly hurt in the crash, was later found to be in a serious condition and physicians said they feared he might die.

Kusnacht is a popular resort which stands at the head of a small bay of the lake "Vier Waldstatter See," near the spot where the legendary William Tell was reputed to have shot the tyrant Gessler.

At the villa the reception room was cleared and the queen's body, in its casket, was placed on black-draped trestles. Candles were arranged and the members of the household took up the death watch.

The king, suffering not only emotional shock but cuts and bruises, was ordered by Dr. Steinegger, and physician who had rendered him first aid, to go to bed.

Doctors found the chauffeur's legs were broken and that he was badly bruised, possibly internally. A further investigation at the scene of the accident showed that a large stone at the roadside may have been the cause. When the king looked up at the scenery, the car turned to the edge of the road, striking the stone.

It was believed probable that the impact was so violent the occupants were thrown out. At the spot the road is only eight feet from the lake, and the car ran down a slight grade on the water.

BATHROOM MURDER VICTIM, MATE



Mrs. Gladys Glens Fair, 34, (left) was found slain, a bullet in the back of her head, in the bathroom of her Long Beach, Calif., apartment. Police said it was a murder. Her husband, Evan A. Fair, (right) is a San Francisco chef. She recently returned to Long Beach after visiting him. (Associated Press Photos)

CORONER'S JURY SURE CORPSE FOUND IN PIT REMAINS OF HAMILTON

OSWEGO, Ill., Aug. 29.—(AP)—A coroner's jury today decided that a mangled corpse dug up near here by "G-Men" yesterday was that of John ("Three Fingers Jack") Hamilton, but did not determine who

killed the Dillingham lieutenant. The jury's verdict was that "Hamilton came to his death from gunshot wounds from persons unknown, but we believe from the evidence given that the body is Hamilton's."

Government agents at the inquest gave the first official version of Hamilton's death. The "G-Men" who recovered his body from a shallow grave in a gravel pit said confidential information at the bureau of information of the department of justice was that Hamilton was fatally wounded in a flight from sheriffs at South St. Paul, April 23, 1934.

Ten days later, the agents testified, Hamilton died and his companions

BROTHER OF SIMS JOINS LOCAL SHOP

Earl Sims, for several years proprietor of the Medford Cycle and Repair shop on North Fir street here, today announced that he has taken his brother Herbert into partnership, and henceforth the firm will be known as the Sims Bros. Gun and Cycle shop.

Both brothers have had experience in gunsmithing, Herbert having been for 18 years in Remington factory service, and Earl serving for five years in the same capacity. They announced that they are now equipped to do expert gun repairing, and will have the Remington factory service here.

They will also make fishing rods to order, and do repair work on fishing tackle, in addition to their regular bicycle shop work, lawnmower repairing and looksmith duties.

Phone 542. We'll haul away your refuse. City Sanitary Service.

COCKROACHES

To banish these pests in a hurry, just sprinkle Bu-hach across their trails (following them to their burrows if possible), and in cracks and crevices.

Bu-hach makes short work of insect pests though it is guaranteed safe for human beings and animals. In Handy Sifter Cans at Drug, Grocery seed stores.

25' 50' 75' 125' BUHACH INSECT POWDER

Markets

PORTLAND, Ore., Aug. 29.—(AP)—(USDA)—HOGS—200, including 116 direct; market slow, mostly steady; good to choice 175 to 220-lb. pigs, \$10.00-10.25; 245 to 280 lb., \$9.50-9.75; light hogs, \$9.50-9.75; packing sows, \$7.50-7.75; feeder pigs, nominally a dollar lower, quotable \$10.50 down.

CATTLE—200, including 3 direct, calves 25, including 14 direct; market slow, better grades about steady, plainer kinds weaker; bulls weak to 25c lower; choice to medium grade steers, \$5.00-7.50; heifers, \$4.00-6.00; good beef cows, \$4.50-4.75; common to medium, \$3.50-4.25; low cutter and cutter cows, \$2.25-3.00; bulls, \$3.75-4.50; common to medium calves and vealers, \$3.50-7.00; choice vealers, \$5.00-8.50.

SHEEP—3200, including around 2, 675 through and direct; market active, steady to strong, quality considered; nothing comparable Wednesday's 88 quality lambs; odd lots trucked-in lambs, \$7.25-7.50; common to medium, \$5.50-7.00; good to choice yearlings, \$5.00-5.25; slaughter ewes, weak to lower; common to medium, \$1.50-2.50.

CHICAGO, Aug. 29.—(AP)—(USDA)—Hogs: 10,000; mostly 10-15 higher; some heavy butcher and packing sows 25 up; under 170 lbs. slow; above steady; top \$11.55; better grade 190-250 lbs. mostly \$11.55-90; few 300-350 lb. butchers \$10.55-11.65; choice 180 lbs. \$11.75; 140-160 lbs. mostly \$10.00-11.00; bulk packing sows \$9.50-10.00; smooth light weight \$10.25-55.

CATTLE: 5,000; fed steers and yearlings strong to 25 higher; supply small; grassy lands on killer account showing full upturn; best fed steers, \$12.50; yearlings \$11.50; all grades heifers reflect steers advance and cutter cows 10-15 higher; fat cows firm with prospects good clearance; good to choice vealers \$9.00-10.50.

SHEEP: 12,000; fat lambs slow; weak to 25 lower; most initial bids indicating a full 15-25 decline; sheep about steady; feeding and breeding stock in active demand; at strong prices, most bids on good to choice native lambs around \$8.70; best lots held upward to \$9.00; nothing on range lambs; scattered native ewes \$2.50-3.50; feeding lambs in demand upward to \$8.75.

PORTLAND, Ore., Aug. 29.—(AP)—BUTTER—Prints, A grade, 29 1/2 lb. in parchment wrappers, 30 1/2 lb. in cartons, B grade, parchment wrappers, 28 1/2 lb. cartons 29 1/2 lb.

BUTTERFAT—Portland delivery: A grade, deliveries at least twice weekly, 29-30c lb.; country routes, 27-30c lb.; B grade, deliveries less than twice weekly, 28-29c lb.; C grade at market.

EGG GRADE CREAM FOR BOTTLING—Buying price, butterfat basis, 55c pound. EGGS—Buying price of wholesalers: Fresh specials, 28c; extra, 28c; standards, 26c; extra medium, 24c; medium firsts, 22c; undergrade, 18c; pullets, 16c down.

NEW ONIONS—Walla Walla, 45-50c per 50-lb. bag. POTATOES—Local, \$1 central; Yakima Netted Gem, \$1.10-1.20. Cheese, milk, country meats, live poultry, cantaloupes, wool and hay—steady and unchanged.

San Francisco Butterfat. SAN FRANCISCO, Aug. 29.—(AP)—First grade butterfat, 31 1/2c l. o. b. San Francisco.

Portland Wheat

Table with columns: WHEAT, Open, High, Low, Close. Rows include Wheat, May, Sep. old, Sep. new, Dec., Cash, Big Bend bluestem, Big Bend bluestem, Dark hard winter, Dark hard winter, Soft white, Western white, Hard winter, Northern spring, Western red, Oats—No. 2 white, Corn—No. 2 eastern yellow, Millrun standard, Today's car receipts: Wheat, flour, 13; oats, 2; hay, 2.

Chicago Wheat

Table with columns: CHICAGO, Aug. 29.—(AP)—Wheat, Open, High, Low, Close. Rows include Sept., Dec., May.

Wall St. Report

NEW YORK, Aug. 29.—(AP) Stock market price-rallied today in trading that was exceptionally quiet. Gains of fractions to a point or so were registered by virtually all groups except the oils. The latter were somewhat backward. The close was firm. The transfers approximated 900,000 shares.

Building Permits

Permit granted to F. A. Felley, 1217 West Ninth street, to remodel residence at a cost of \$50.

LET KIDNEYS FLUSH OUT 3 LBS. A DAY

Clean Out 15 Miles of Kidney Tubes. Nature put over 15 miles of tiny tubes and filters in your kidneys to strain the waste matter out of your blood. Kidneys should pass 3 pints a day and so get rid of more than 3 pounds of waste matter. When the passing of water is scanty, with smarting and burning, the 15 miles of kidney tubes may need flushing out. This danger signal may be the beginning of nagging backache, leg pains, loss of pep and energy, getting up nights, swelling, puffiness under the eyes and dizziness. If kidneys don't empty 3 pints a day and so get rid of more than 3 pounds of waste matter, your body may take up some of these poisons causing serious trouble. Don't wait! Ask your druggist for Doan's Pills, which have been used successfully by millions of people for over 40 years. They give happy relief and help the kidneys to flush out 3 pounces a day. Insist on Doan's Pills.

BONDS GO BEGGING FOR FIRST TIME

WASHINGTON, Aug. 29.—(AP)—The treasury today reported its first failure in history to sell an allotted amount of unconditionally-guaranteed securities. Only \$85,392,000 of tenders were received for an offering of \$100,000,000 of four-year 1 1/2 per cent bonds for the federal farm mortgage corporation.

MARSHFIELD ACCIDENT IS FATAL FOR AVIATOR

NORTH BEND, Ore., Aug. 29.—(AP)—John Karnosh, 28, Portland pilot, died at a hospital here today from injuries received when his airplane crashed at the Marshfield air show Sunday. At his bedside was Mrs. Karnosh who flew to Coos Bay from Portland Sunday when she learned of the accident. Karnosh never regained full consciousness after the crash in which he suffered skull fracture and numerous other broken bones.

TIRE SALE advertisement for Kelly Springfield Fatigue Proof Tires. Features a large image of a tire with price tags: \$5.64 (4.40 x 21), \$6.20 (4.50 x 21), \$6.56 (4.75 x 19), \$7.04 (5.00 x 19), \$7.80 (5.25 x 18), \$8.96 (5.50 x 19). Text includes 'Fresh New Stock', 'We have your size on sale', 'We also have Lower Prices On Lighter Tires', 'Buy Now for that LABOR DAY TRIP', 'When tires prices were high, KELLYS were a good buy...', 'But at today's low prices, KELLY TIRES are a bargain...', 'Get rid of those old tires now—let us replace them with KELLYS.', 'Our Service: We clean and straighten your rims and properly mount new tires. AFTER WE SELL WE SERVE.', 'Come in. Let us replace those Old, Dangerous tires that may cause you trouble. SAVE NOW at these LOW PRICES!', 'WE PAY CASH FOR YOUR OLD TIRES', 'Jennings Tire Co.', 'Phone 223. SAM JENNINGS, Prop. Opposite Nat'.

Advertisement for The Travelers Insurance Company. Features a large illustration of a tree and a car. Text includes 'TIMELY', 'AUTOMOBILE accidents increase sharply each year as the autumn months approach. It is timely to urge extra care in operating cars, extra caution in crossing streets and walking on highways.', 'September and December, each with five Sundays and a holiday, are likely to be the most dangerous months of the year, with October and November showing up nearly as badly.', 'The record of last year was disastrous, for 954,000 persons were injured and 36,000 were killed. This year's record is nearly as bad so far. Drive carefully.', 'Walk cautiously. Take time to be safe. A minute saved at the cost of a life is no bargain.', 'Published in the interest of public safety', 'THE TRAVELERS INSURANCE COMPANY, THE TRAVELERS INDEMNITY COMPANY, THE TRAVELERS FIRE INSURANCE COMPANY, HARTFORD, CONNECTICUT'.

Advertisement for Beaver Portland Cement Co. Features a logo with a beaver and the text 'BETTER HOUSING PROGRAM'. Text includes 'When You Build or Remodel—USE A HOME PRODUCT "BEAVER BRAND" PORTLAND CEMENT', 'Beaver Portland Cement Co.', 'GOLD HILL, OREGON', 'Sold in Medford by Medford Concrete Construction Co., Porter Lumber Co., Timber Products Co., Economy Lumber Co., Wallace Woods Lumber Co., Big Pines Lumber Co., Medford Lumber Co.'