

VOLCANOES OF HAWAII

The entire group of Hawaiian Islands, 20 in number, extending in a line for hundreds of miles, is of volcanic origin, though some of the islands and reefs are but the wave-washed remnants of volcanoes whose fires died out long ago. The island of Hawaii has been formed by the confluence of many recently extinct volcanoes. The walls of the volcano of Kilauea, on this island, are broken down on one side, giving access to its lake of fire. This volcano has not always been gentle in its ways, but it is now so well behaved that the visitor can stand safely on the edge of its fiery pit and, if the volcano is active, watch the molten rock boiling and spouting 100 feet below. Sometimes many jets of glowing incandescent lava and light up with a glare the frowning crags that surround the crater. Then, suddenly and with deafening detonations, the jets are together and convert the lake into a burning, seething, roaring mass, making a scene to which few parallels in the world are comparable. Mauna Loa, on the island of Hawaii, and Mauna Kea, both nearly 14,000 feet above the sea, are among the highest mountains in the world. On other islands of the Hawaiian group there are volcanic mountains very less interesting. The summit of East Maui, 10,000 feet above sea level, is one of the largest extinct craters in the world and is as well preserved as if its fires had been extinguished but a few years, instead of perhaps several hundred years ago.

The active volcanoes of Hawaii give a wonderful demonstration of processes by which all these island mountains have been built up from the great depths of the ocean. Since the days of Capt. Cook, geologists and others who are interested in the problems of volcanoes have visited the Hawaiian Islands and written about them.

Near the base of these mountains igneous rock lie fields of sugar cane, which are just now of special interest. They are supplied with water from mountain streams and from wells and drainage tunnels that tap underground supplies. The geological survey, in co-operation with the Territory of Hawaii, has for several years been studying the water sources of the islands with a view to increasing the amount of water available for use in irrigation and

therefore in the output of sugar and other crops.

Several publications giving information on special phases of these interesting islands will be sent free on application to the Director of the United States Geological Survey, Department of the Interior, Washington, D. C. Among these are Water Supply Paper 318, "Water Resources of Hawaii, 1909-1911," by W. F. Martin and C. H. Pierce, and Water Supply Paper 336, "Water Resources of Hawaii, 1912," by C. H. Pierce and G. K. Larrison. These papers deal mainly with stream measurements and kindred subjects but contain also much information of general interest. A paper on the water supply of one of the neighboring islands is also available—Water Supply Paper 77 "The Water Resources of Molokai, Hawaiian Islands," by Waldemar Lindgren. This paper contains an excellent map of the island.

Professional Paper 88 of the United States Geological Survey, Department of the Interior, "Lavas of Hawaii and their relations," by Whitman Cross, presents a summary of our present scientific knowledge of the lavas of the islands. With the exception of the introduction the book is mainly technical. It contains 97 pages and includes an excellent map of the Hawaiian Islands and diagrams showing the composition of the lavas.

ADVERTISES PAPER FOR VARIED USES

An advertisement in a Berlin newspaper, reported by the "Information Belge," shows some of the many uses to which paper is being put in Germany:

- "Paper stuff for crosses and aprons."
- "Paper stuff for business suits."
- "Paper stuff for manufacture of suits."
- "Paper stuff for upholstery and tapestries."
- "Paper stuff for trunks and bags."
- "Paper stuff for bags, pillowcases and mattresses."
- "Splendidly assorted lot for sale."

Misinterpretation

"Willie," said his mother, "I wish you would run across the street and see how Old Mrs. Brown is this morning."

A few minutes later Willie returned and reported:

"Mrs. Brown says it's none of your business how old she is."

Mist Want Ads for Results.

There are now 42 theatres, which cost over \$500,000 in operation in camps and cantonments throughout the country. Nearly 100 vaudeville acts have been brought from the large circuits.

Are You One of Them?

There are a great many people who would be very much benefited by taking Chamberlain's Tablets for a weak or disordered stomach. Are you one of them? Mrs. M. R. Searl, Baldwinsville, N. Y., relates her experience in the use of these tablets: "I had a bad spell with my stomach about six months ago, and was troubled for two or three weeks with gas and severe pains in the pit of my stomach. Our druggist advised me to take Chamberlain's Tablets. I took a bottle home and the first dose relieved me wonderfully and I kept on taking them until I was cured." These tablets do not relieve pain, but after the pain has been relieved may prevent its recurrence.

Courtesy Pays

The Irish soldier saw a shell coming and made a low bow. The shell missed him and took off the head of the man behind him. "Sure," said Pat, "ye never knew a man to lose anything by being polite."

Save for the country's sake.

NOTICE OF FINAL ACCOUNT IN J. S. BACON ESTATE

Notice is hereby given that the undersigned, as executor of the estate of J. S. Bacon, has filed his final account in the County Court of the State of Oregon, for Columbia County, and that Monday the 15th day of July, 1918, at the hour of ten o'clock in the forenoon of said day and the Court room of said Court have been appointed by said Court as the time and place for the hearing of objections thereto and the settlement thereof.

Dated and first published June 14, 1918.

J. H. SOUTHARD,
Executor of the estate of J. S. Bacon.
Deceased.
J. W. Day, Attorney. 26-5

NOTICE

Pursuant to an order of the County Court made and entered on this 3rd day of July, 1918, notice is hereby given that the following described County warrants, which were issued more than seven years prior to the first day of July, 1918, have not been presented for payment and unless presented for payment within sixty days from said first day of July, 1918, same will be cancelled and payment thereof will be refused:

General Fund			Amount	
Date	Name			
(4th Series "A")				
No. 401	Aug. 11, 1910	J. R. Neill	\$	3.10
No. 406	Aug. 11, 1910	Charles Culbertson		2.50
No. 436	Aug. 11, 1910	Et. Vincents Hospital		14.00
No. 497	Sept. 7, 1910	John Johnson		2.10
No. 526	Sept. 7, 1910	W. E. Hempstead		10.00
No. 571	Oct. 5, 1910	Fred Waters		1.50
No. 572	Oct. 5, 1910	Albert Gardner		1.50
No. 573	Oct. 5, 1910	Joseph Udey		1.50
No. 574	Oct. 5, 1910	Chris Peterson		1.50
No. 575	Oct. 5, 1910	C. D. Waters		1.50
No. 576	Oct. 5, 1910	W. A. Craft		1.00
No. 784	Nov. 3, 1910	Tillie Hugel		8.00
No. 892	Nov. 10, 1910	Merl Galdrer		7.00
No. 921	Dec. 7, 1910	C. Riley		1.50
No. 922	Dec. 7, 1910	E. Hall		1.50
No. 923	Dec. 7, 1910	J. H. McDonnell		1.50
No. 976	Dec. 7, 1910	G. R. Houston		3.00
No. 1099	Dec. 7, 1910	John Wallace		6.00
No. 1362	Feb. 2, 1911	Lewis Sausser		7.50
No. 1442	Mar. 3, 1911	Dr. J. C. O'Day		5.00
No. 1489	Apr. 7, 1911	Fred Springer		2.00
No. 1595	Apr. 7, 1911	A. S. Noonling		1.50
No. 1597	May 5, 1911	Joe Adams		1.00
No. 1692	May 5, 1911	M. G. Smith		1.50
No. 1697	May 5, 1911	Walter Framblly		7.10
No. 1735	June 10, 1911	Noonan		2.00
No. 1898	June 10, 1911	Henry Ward		5.40
No. 1814	June 10, 1911	Carl Overlie		9.20

General Road Fund			Amount	
Date	Name			
(3rd Series)				
No. 2299	Sept. 8, 1910	Chas. Overlie		2.50
No. 2473	Oct. 5, 1910	I. Knowles		5.00
No. 2913	Jan. 7, 1911	Carl Johnson		3.00
No. 3125	Apr. 7, 1911	H. Dippold		2.25
No. 3129	Apr. 7, 1911	W. J. Husey		2.50
No. 3479	June 10, 1911	Lou Lonkey		1.25

In witness whereof, I have hereunto set my hand and seal of the County Court, this 3rd day of July, 1918.

(Seal of County Court) J. W. HUNT, County Clerk.

Not Exchangeable

"I hear you have a little sister at your house," said a Chicago grocer to a small boy.

"Yes, sir," said Johnny.

"Do you like that?" was queried.

"I wish it was a boy," said Johnny, "so I could play marbles with him, an' baseball."

"Well," said the storekeeper, "why don't you exchange your little sister for a boy?"

Johnny reflected for a minute, then he said rather sorrowfully: "We can't now. It's too late. We've used her four days."

Try a Want Ad. in the Mist. It will bring results.

Just Arrived

Go=Carts and Sulkeys

I now have the best assortment I have ever shown. They were bought some time ago, before recent advances and I am giving my customers the benefit of it.

Call and See Them

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Cream Rolls, Cream Puffs, Doughnuts, Pies and Cakes

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Phone B-114 West St. Helens, Oregon

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PLUMBING, STEAM HEATING and SHEET METAL WORKS

Stationary Wash Tubs and Bath Room supplies.

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