

TELLS RESULTS OF EXPLORING ALASKA

BY GEOLOGICAL SURVEY

Interesting Account of Work of Expedition Among the Mountains of That Territory

The Interior department announces the completion of the field work of another exploratory expedition in Alaska by the Geological Survey and the bringing back of maps and information regarding a tract of more than 2,000 square miles in the Alaska range and adjacent country on the west side of Cook Inlet, in the environs of Mount Spurr, that has hitherto been shown as a blank area on all authoritative maps. This exploration is one of the series that the Geological Survey has been making throughout the last 30 years. The party consisted of S. R. Capps, geologist in charge, R. H. Sargent, topographic engineer, and four camp men. Transportation in the field of the necessary provisions, supplies and equipment for 100 days was furnished by a pack train of fifteen horses. From the time when the party landed at Trading Bay, on the west side of Cook Inlet, about the middle of June, until it returned to that place at the end of the field season, about the middle of September, the members were entirely out of communication with the rest of the world and saw no human beings other than one another.

Preparing Data

The results of the expedition are now being worked up for publication, but as it will be many months before the reports are completed, it may be of present value to give in advance a statement of some of the notes of greatest general interest regarding the work of the party. Among the many items reported are the discovery and mapping of a large river, numerous lakes, glaciers, and mountains, and an active volcano. The newly discovered large river is the Chakachamna, whose drainage basin covers an area of more than 1,100 square miles. This stream is a roaring torrent far too swift and too deep to be forded even with horses; in fact, measurements of its current at several places showed that it was flowing at an average speed of 15 miles an hour. This river rises in a superb lake, Lake Chakachamna, 23 miles long, which is hemmed in between lofty mountains and impounded behind a great glacier that lies athwart the general trend of the valley. The distribution of the rivers that head against the Chakachamna can now be predicted with considerable assurance. Thus, to the south are rivers that probably flow in part into Lake Clark; to the west, and northwest are tributaries of Stony river and of the South Fork of Kuskokwim river.

Rugged Mountain Peaks

Many of the mountain peaks are ragged pinnacles which could be climbed, if at all, only with great difficulty. The highest peak of the region is Mount Spurr, which rises to an altitude of 11,000 feet and is clearly visible from the coast. Although the flanks of this mountain are in large part covered with perpetual snow and glaciers, the mountain was found to be an old volcano that is still active. When the weather was favorable a plume of steam could be seen rising from a point near its crest to a height of more than a thousand feet. This discovery therefore establishes Mount Spurr as the most northerly of the long series of known active volcanoes that occur at intervals along the west coast of Cook Inlet and extend westward into the Alaska Peninsula and Aleutian Islands.

Hard Traveling

The region is exceedingly difficult to traverse because of the swampy lowlands, the raging streams, and the precipitous mountains. Between the coast and the mountains is a lowland about 30 to 50 miles wide that near the large rivers is so swampy as to be impassable for horses during the summer and that in the somewhat higher ground remote from the rivers is in places also marshy and in other places so densely covered with thickets of large alders that even the combined efforts of all the members of the party resulted in chopping out a trail less than a mile long in a day. To build a trail passable for horses across the moraine-covered glacier that impounds Lake Chakachamna required work with pick and shovel equivalent to the work of one for 20 days. This was only one of three glaciers over which the expedition made its way.

SALVADOR INSTITUTES AGRICULTURAL SCHOOLS

To provide instruction in modern methods of agriculture in Salvador, which embraces some of the richest agricultural lands in Central America, agricultural schools will be established, by an executive decree, throughout the Republic. They will be operated in connection with the public schools, and are to have sufficient land for practical instruction and demonstration. Courses include the use of modern machinery, cattle raising, vegetable cultivation, tree culture, use of fertilizers, and crop rotation.

MOTORISTS REJOICE AT TAX DECISION

WAR EXCISE ON AUTOS

Ways and Means Committee of House Favors Elimination of Same; Urged by Clubs Generally

Motorists are rejoicing in the decision of the Ways and Means committee of the house of representatives to cut the war excise tax on automobiles from 3 per cent to 1 1/2 per cent, according to Charles M. Hayes, president of the Chicago Motor club. Following the decision of the committee to cut the tax, Mr. Hayes received a telegram from Ernest N. Smith, general manager of the American Automobile association, thanking the club for its part in the campaign against the continuation of the tax.

"In view of the fact that Secretary of the Treasury, Andrew Mellon, had recommended a permanent tax, and President Coolidge had supported Mellon's stand, this action on the part of the committee is significant," said Mr. Smith. "There is an excellent chance now to eliminate the entire tax on the floor of the house."

Waged Persistent Campaign
Mr. Hayes said that the Chicago Automobile Trade association, the Chicago Motor club, and a number of other civic groups in Illinois and Indiana had waged a persistent campaign for the elimination of the tax, and that although the action of the committee was viewed as a victory, nevertheless, an event more strenuous campaign would be carried on to eliminate the entire tax, which the club president characterized as unjust and unnecessary.

"Ample evidence is available," declared Mr. Hayes "to show that the federal government does not need the revenue from this tax, which produces about 70,000,000 a year."

Penalizes Product
"It is a tax levied on a special product for the purpose of general revenue. It singles out and penalizes one product while virtually every other product in the country bears no excise tax. Congress has already repealed the war excise tax on every other product so burdened with the exception of passenger automobiles, busses and pistols."

"Other units of transportation were the first to be relieved of the war excise tax, because of the vital importance of transportation to the economic life of the nation, and yet the automobile which travels 175 times as many actual miles and 7 times as many passenger miles as the steam passenger trains, was forced to bear the burden of this tax."

It seems to be very difficult for the so-called farm leaders to agree on a farm relief program but nobody has yet had the hardihood to want to refer the matter to the League of Nations for adjudication.

It seems that poison liquor doesn't come under the authority of the pure food and drug act. But isn't there some kind of law about impure explosives?

POSSESSING MONEY NO BAR TO OFFICE

It is also worth noting that while at times a few of the belligerently vociferous grow red in the face over Andy Mellon's millions, the mass of the "proletariat" seem inclined to think that his ability to acquire millions for himself has equipped him as a pretty good watch dog for the people of the country. All in all, it looks as if the money bogey of the old Democratic campaigning days has become a rather indifferent scarecrow, and instead of envying men like Ford and Mellon and Schwab, who have sweated out their millions, the popular desire runs to the acquisition of some six cylinder vehicle which will enable them individually to do likewise. For these various reasons, it is a fair guess that when the Democrats assemble to write their own party platform next June, there will be no particularly obstructive plank for the sentencing of the money devil to be hung, drawn and quartered.

All half the world knows about the other half lives is that it's probably beyond its income.—Ohio State Journal.

"Everybody in Russia has been instructed by buy a gas mask." Sovietism must be permitting free speech.—Toledo Blade.

It is typical of America that the first reaction of many of us to the flood has been to say that there ought to be a law passed.—Nashville Banner.

One unexpected effect of the Eighteenth Amendment is to bring the old-fashioned Fifteenth Amendment back into the limelight.

Bargains

in

Pork

at

BROS. RAPP

RIB ROAST side, lb.	17 1/2c
TENDERLOIN side, lb.	19 1/2c
CENTER CUT CHOPS, lb.	25c
END CUT CHOPS, lb.	18c

DEMAND FOR SWEETS AIMS CORN GROWER

CORN SYRUP USE GROWING

Manufacturers of Chocolate Bars Are Utilizing It More Extensively in Their Business

Increasing appetite of the American public for the chocolate covered candy bar is, strange as it may seem, directly benefiting the corn grower by favorably affecting the price of his product.

While the bulk of the corn produced in this country is used for live stock feeding, corn so employed is usually a minor factor in determining market prices. Market trading in corn is based almost entirely upon the commercial supply and demand.

It does not take a large increase in the commercial use of corn, as counted in millions of bushels, to have a material effect on price per bushel. This is for the reason that such a comparatively small percentage of the total crop finds its way into commercial channels. But as that percentage increases, the price increases, which has its effect in turn on the price of live stock. Meat animals afford the big market for corn and it is easy to see how the whole agricultural structure may be affected favorably by commercial developments in the uses of corn.

Late Development

One of the latest developments of this kind is the greatly increased use of corn syrup in the manufacture of candy bars, one Chicago concern alone producing 1,000,000,000 of these confections yearly. Recent large and frequent shipments of corn syrup from Cedar Rapids, Iowa, to the Baby Ruth Candy company of Chicago brought to light the fact that this company maintains a tank car service for the transport of the product between the refinery and its three factories in this city. This concern uses 20,000,000 pounds of corn syrup yearly, according to Otto Y. Schnering, president.

It requires 12,500 acres of corn from which to produce that amount of corn syrup. This calculation is based on an average yield of forty bushels of corn per acre, and forty pounds of syrup being produced per bushel.

The Pennsylvania railroad has now put on a smoking car for women. But we'll bet they didn't put it just back of the tender.

HEALTH EXPERTS URGE IMPROVEMENT IN CARS

The importance which the automobile has assumed in the life of the American people is evidenced by the attention given by leading health officials throughout the country to the need of new developments in motor construction to meet the present day requirements of safety, performance, and road ability from the broad social standpoint. In letters to Per-

cival White, leading engineer, a number of health officials have expressed themselves in favor of the importance of the improvement of safety and protection for motorist and public, and agree that the development of a motor car with an unusually low center of gravity, due to having the body and frame in one solid unit, and double steel construction of the body would be helpful factors in producing such greater safety.

CHRISTMAS GIFT SUGGESTIONS

SEALS - TAGS

INCLOSURE CARDS

TISSUE AND WRAPPING PAPER

BOOKS

GREETING CARDS

STATIONERY

CIGARS

TOBACCOS

CIGARETTES

TOYS - GAMES

FOUNTAIN PENS and PENCILS

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FLORIDA ORANGES, sweet and juicy, 3 doz. for	\$1	BANANAS, fancy, yellow, ripe, dozen	29c
INDIAN RIVER large Florida Oranges, doz.	45c	SPINACH, extra fancy, 2 lbs. for	29c
BALDWIN APPLES, best for eating and cooking 4 lb. for	25c	POTATOES, best cookers, per peck 120-lb. sack	35c
Bushel for	\$2.49		\$2.65
JONATHAN APPLES, extra fancy, 3 lbs. Box for	29c	SWEET POTATOES, extra fancy Georgias, 3 lbs. for	25c
	\$1.25	GREEN ONIONS, special extra fancy, bunch	5c
INDIAN RIVER GRAPE FRUIT, sweet and juicy 5 for	75c	PRUNES, extra large sweet prunes, 2 lbs.	29c
Dozen for	59c	California Soft Shell Walnuts, Almonds, Filberts, Brazil Nuts, and Mixed Nuts — 1927 crop per lb.	29c
Extra Large INDIAN RIVER GRAPE FRUIT, 3 Dozen for	29c	4 lbs. for	\$1.60
	\$1.10	Green Beans, Wax Beans, Peas, Artichokes, Mushrooms, Radishes, Cucumbers, Brussels Sprouts, Cauliflower, Egg Plant, and all other vegetables at a big saving.	
ICEBERG HEAD LETTUCE, large and crisp, 2 heads for	25c		
KALAMAZOO MICHIGAN CELERY, Hearts of Gold large bunch	19c		

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