

ALASKAN MOUNTAINS HIGHER THAN INDICATED

First Survey Made by Government Along Southeastern Territory Coast Was Hastily Compiled—So Reports Captain Werlich, Lighthouse Inspector.

The mountains and glaciers along the southeastern Alaskan coast are much higher than the figures given by the government charts. Not that the peaks have grown since the last survey, but it was made hurriedly and under difficulties not conducive to accuracy. A second survey is being made and it has already led to the discovery that glaciers tower several hundred feet higher over the sea than the maps indicate.

This interesting information was brought here when Captain P. J. Werlich, lighthouse inspector in this district, returned from a 7,000-mile cruise along the coast of Alaska and among the islands in the north Pacific and hearing sea. The cruise was made on the stanch and finely equipped tender Armeria, which was recently brought out from the Pacific coast. The Armeria reached Seattle yesterday and Captain Werlich came by rail to Portland because of urgent business. The Armeria will proceed to the headquarters at Astoria soon.

Lynn Canal Surveys.

"Surveys of the glaciers along Lynn canal are being made by our geological department," said Captain Werlich, "and I was told by the officer in charge that the mountains are considerably higher than shown by the first survey. This bears out observations I made on previous visits to that part of the country."

Researches are going on in several places along the Alaska coast. Two scientific expeditions, the Boston Technological and the Carnegie, are in the field. I met the former on board of the Lynn at Unalaska and the latter on the brig Galea at Sitka. The Boston Technological has been examining the volcanoes on Unalaska extensively and the Carnegie has been making immense quantities of sulphur are within easy reach. Those in charge of the expedition are very enthusiastic over the result of their visits to the volcanoes on Unalaska and say the sulphur there in plain view is fully as good as that shipped here from Japan.

An account of the cruise, which lasted 70 days, would fill a good-sized book, but there was always something going on after the fashion of a voyage in the spring. All the lighthouse stations and towns along the coast were visited and some of them had not been in communication with the outside world since the visit of the tender Heather several months before.

Keeper Ole Olson at Scotch Cap light gave a graphic account of how it took him a month to reach his station when appointed about the first of the year. He had been transferred from one of the Alaskan coast stations nearby and took the steamer Dora for his new home. Such a high surf was running that the steamer could not get near land for a whole month and in the meantime Keeper Olson remained on board and did duty at the wheel. He was finally put ashore at Middle Point, a small place consisting of one hut occupied by a trapper named Rosenberg.

It is about 11 miles north of Scotch Cap and Olson decided to walk to the station that night. Starting out at 5 o'clock in the evening he walked and waded nearly all night in the deep snow and early in the morning fell asleep in the drifts from exhaustion. Somehow or other he did not freeze to death, but awoke much refreshed and continued on his way toward Scotch Cap. He arrived there at 5 o'clock in the afternoon. Everybody declared his escape from freezing to death was miraculous.

"Things are quiet in Alaska this summer," continued Captain Werlich. "Nome has suffered much from serious strikes, and other places are dull and dead. Men are hanging around doing nothing and it was said that a number of steamers would be taken off their runs because of the decline in business. We were at Nome June 19 and came down after a few stops only."

Lured Into Alaska.

"In Behring sea the Armeria poked into one of the worst blizzards ever encountered. It was impossible to stand on deck because the water so fast that it could not whip up a sea. It was too heavy for seas that are met in the time. We were then on our return voyage. We stopped a couple of days on Unimak island and found the trout fisheries in great abundance. Very foggy weather was encountered during a good part of the cruise. At one place the icebergs were met. At one place we ran close enough to one to cut off a number of the Tulek river and the establishment of many buoys and lights along the coast. The stations were found in good trim."

"Even in those days Portland always had the appearance of a substantial, conservative, wealthy city. She never impressed me as being a frontier town. Of course her development has been remarkable. Why the walls of the Portland had not been thought of at that time, if I remember correctly. All of the city was down on the river front and the woods covered the greater portion of the west side.

"These old times that are going up and have gone up, are the surprises I have met with. No one ever dreamed of them in the days when I was in Portland. The inhabitants thought Portland would probably grow to be a goodly city. The city has grown to see her the metropolis she has grown to be."

Mr. Clyde is accompanied by Mrs. Clyde and their children. They will be in Portland several days, when they will leave for Seattle. Mr. and Mrs. Clyde have many friends in Portland, who have been showing them the sights of the city.

AT THE VAUDEVILLE THEATRES

Manager Erickson is certainly able to find vaudeville attractions and every week he springs a surprise on the public. For several weeks he has been offering bills that were really remarkable. His vaudeville standpoints, each containing features which of themselves were worth the patronage of the public. This week he is offering a bill that is good, though not so unusually so as those of the past few weeks. "Taming the Tiger" is the name of the farce played by Beatrice Moreland and Percy Hunting, which provides an abundance of mirth. Hunting is a clever comedian and Miss Moreland is a clever actress, making a team of real ability. Allen Shay, an skilled in coin and card manipulation, is one could imagine, is another interesting feature of the bill. As a tight-wire performer Cavans is really a wonder and performs some thrilling feats. He is one of the best in his line that has been seen in Portland.

HIS PICK STRUCK A HIDDEN PRIMER

(Special Dispatch to The Journal.)
Helena, Mont., July 30.—Charles Butcher, representing Miller, Bradbury and White, a firm of Chicago, Milwaukee and St. Paul construction contractors, was instantly killed, and Joseph Roberts, an engineer, was badly injured by an explosion of dynamite on the new transcontinental line east of here. Roberts struck a pick against a hidden piston followed. Roberts was brought to a Helena hospital. He will probably recover.

ON SECOND SECTION OF A GREAT PROJECT

Boise, Ida., July 30.—A report from Summit, 30 miles west of Boise, on the Payette river, is to the effect that a party of government officials connected with the reclamation service, including Chief Engineer Newell and District Engineer Ross, will visit that place in August to look over the ditch survey and dam site of the Boise-Payette project with a view of commencing work in the near future.

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MINING WORLD WILL BENEFIT

New Amalgamator Promises to Revolutionize Method of Saving Gold.

CONTRIVANCE SMALL AND EASILY HANDLED

Portland Mechanical Engineer Succeeds Without Use of Gravity Pressure or Compressed Air to Deliver Metal Under the Quicksilver.

W. F. Bedell, a Portland mechanical engineer, has succeeded in harmonizing specific gravity and amalgamation in working out an amalgamator which several well-known mining men hold will shortly revolutionize gold mining. Briefly stated, Mr. Bedell has accomplished what for 40 years mining engineers all over the world have tried to do—deliver the product from the placers and from the mill, into and under the quicksilver by means of gravity and compressed air.

Bedell's invention is known as the "flour gold amalgamator," a small portable contrivance easily handled and weighing only 450 pounds. It can be shipped to any mining camp without the least trouble and costs to manufacture only 45¢ per unit, but it is a horsepower to operate with a handling capacity of 100 tons.

STRANDED LABORERS IN DESPERATE CASE

Lured into Alaska, They Find Strikers Won't Let Them Work—Cannot Remain.

(Special Dispatch to The Journal.)
Seattle, July 30.—Something like 175 men are stranded near Fairbanks, out of work and harassed by striking miners, and trouble is threatened for the men that sent them north. The unfortunate men were north on the Polaris, leaving this city June 4. They had been promised in a day and board at placer mining. They paid an employment agency \$5 for transportation. Three have returned. They say they were employed for Lemmon, B. Haddock. They were told of no labor troubles in the north, but when they arrived near Fairbanks they found 2,500 men who threatened them and hoisted them as scabs.

SEATTLE RACEGOERS NO LONGER STIFLED

(Special Dispatch to The Journal.)
Seattle, July 30.—The experiment of oiling roads is to be tried in King county. The road between the city and The Meadows has been one of the most troublesome in the county, particularly to auto drivers, but those who attended the race yesterday noticed an almost complete absence of dust. The road had been oiled.

Aberdeen Remains Lidless.

(Special Dispatch to The Journal.)
Aberdeen, Wash., July 30.—No apparent effort was made by the reformers to close the town Sunday, and it was as wide open as ever.

Wise Counsel From the South.

"I want to give some valuable advice to those who suffer with lame back and kidney trouble," says J. R. Blankenship of Beck, Tenn. "I have proved to an absolute certainty that Electric Bitters will positively cure this distressing condition. The first bottle gave me great relief and after taking a few more bottles I was completely cured; so completely that it becomes a pleasure to recommend this great remedy." Sold under guarantee at Red Cross Pharmacy, Prices 50c.

Mexican Mustang Liniment

Cures quickly the very core of the disease and stops the most deep-seated, excruciating pains almost instantly.

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CASTORIA

The Kind You Have Always Bought, and which has been in use for 30 years, has borne the signature of and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

GENUINE CASTORIA ALWAYS Bears the Signature of

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The Kind You Have Always Bought

In Use For Over 30 Years.

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Our entire assortment of famous College Brand Clothes—the garments made exclusively for college chaps and style-wise fellows, at the following REDUCED PRICES:

\$15.00 Suits . . .	\$12.85	\$22.50 Suits . . .	\$18.85
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Men's Outings 1-2 Price

Choice of 157 Two-Piece Suits—our entire assortment of Fancy Outings, single and double-breasted. All sizes.

\$12.50 Suits . . .	\$6.25	\$20.00 Suits . . .	\$10.00
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\$18.00 Suits . . .	\$9.00	\$25.00 Suits . . .	\$12.50

Children's Straight Pants Wash Suits | Boy's and Children's Straw Hats
AT HALF PRICE | AT HALF PRICE

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Special Midsummer Sale at

PORTLAND'S BEST SHOE STORE



On April 1 we opened this store with the NEWEST and CHOICEST stock of FINE FOOTWEAR in the city, and it is our firm determination to close out all accumulation of a busy season at this time. This policy insures to our patrons FRESH and STYLISH SHOES every day in the year. The price reductions are numerous and extend throughout the MEN'S, BOYS', LADIES', MISSES' and CHILDREN'S departments.

All Low Cuts, such as OXFORDS, GARDEN TIES, PUMPS, SLIPPERS, etc., are greatly reduced. Below we mention a few of the many Mid-Summer Bargains:

LADIES' WHITE CANVAS 2, 3 and 4-hole GIBSON TIES, genuine Goodyear welt; regular \$2.00 values. Now \$1.25.

LADIES' PATENT COLT and GUNMETAL GIBSON TIES, Goodyear welt; regular \$3 values. Now \$1.95.

LADIES' PATENT COLT and GUNMETAL BLUCHER OXFORDS and GIBSON TIES; also BUTTON OXFORDS, hand turned and Goodyear welt; regular \$3.50 and \$4.00 values. Now \$2.85.

MEN'S GENUINE PATENT COLT and GUNMETAL BLUCHER OXFORDS; regular \$4 values. Now \$3.35. And many other styles too numerous to mention.

WE INVITE YOUR ATTENTION TO OUR SPECIAL \$3.50 WINDOW DISPLAY OF MEN'S SHOES. Your choice of any style in this window \$3.50 per pair.

MISSES' and CHILDREN'S OXFORDS in WHITE, BLACK or TAN at ridiculously low prices.

See Our Windows Formerly at 149 Third St.

Rosenthal's

See Our Windows Formerly at 149 Third St.

AT THE STOCK THEATRES

"The Royal Slave" at the Star.
"The Royal Slave" is the title of a thrilling melodrama which the bill at the Star this week. To those who are fond of that form of amusement the Star is offering a play of unusual interest this week. It was produced yesterday and pleased a large audience.

There have been several changes at the Star and a number of new faces are seen in the company. Conspicuous among the departures are Miss Margaret Pitt and Mr. Raymond Whitaker, leading man and woman, who have left the company. Miss Claudia Coloma, the new leading woman, made a decidedly pleasing impression and will undoubtedly prove to be one of the most popular of the city.

A large portion of the success of the play is undoubtedly due to the efforts of Frank DeCamp and Eunice Murdoch. Mr. DeCamp has the title role in the piece and both give unusually good interpretations of their parts.

"The Road to Frisco" at the Lyric.
There are all the elements of romance and drama connected with the days of '49, and a story dealing with the stirring events of that time always arouses interest. It was the age of gold, and in an era when men were naturally characters of every description from which an author may choose.

HOSTETTER'S CELEBRATED BITTERS



An attack of Cramps, Diarrhoea, Sick Headache, Indigestion, Dyspepsia or Bilioousness can be quickly relieved by resorting to the Bitters promptly. We guarantee it pure and it has a 54 years' record of cures back of it. Always keep a bottle on hand.