

# ALASKAN MOUNTAINS HIGHER THAN INDICATED

First Survey Made by Government Along Southeastern Territory Coast Was Hurriedly 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 F. J. Werlich, lighthouse inspector, returned from a 5,000-mile cruise along the coast of Alaska and among the islands in the north Pacific and Bering sea. The cruise was made on the steamer Dora, which was recently brought out from the Atlantic coast. The Armeria reached Seattle yesterday and Captain Werlich came by rail to Portland because of urgent business. The proceeds will be turned to the head-quarters 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, being in the field. I met the former on board of the Lydia at Unalakleet, the Boston Technological at Sitka. The Boston Technological has been examining the volcanoes on Unalakleet extensively and the conclusion has been reached that 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 Unalakleet and say the sulphur there in plain view is fully as good as that shipped here from Japan. An account of the entire trip, which lasted 70 days, would fill a good-sized book, for there was always something going on after leaving Portland early 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 walked 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 2 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 30 and came down after a few stops only."

**Poked Into Hard Blow.**  
"In Behring sea the Armeria poked into one of the worst blows ever encountered. It was impossible to stand on deck because of the wind and it swept over the water so fast that it could not whip up a sea. It was too heavy for seas but the waves came when the wind died down. The Armeria rolled fearfully; never saw anything like it and it continued for some time. We stopped a couple of days on Unimak island and found trout in superabundance. Great big fish, the waters simply filled the streams. Very foggy weather was encountered during a good portion of the trip and several large whalers were seen. One place ran close enough to one to cut off a couple of tons for our refrigerators. The result was some fish. The weather was the buoying and lighting of the mouth of the Yukon river and the establishment of many buoys and lights along the coast. The stations were found in good trim."

## PROMINENT HOTELMEN REVIVE OLD MEMORIES AFTER 18 YEARS

For 18 years H. C. Bowers and James T. Clyde, formerly manager of the Hotel Hayland of Cincinnati, who is in Portland on his way to Seattle to assume the management of the new Savoy hotel, had not met, yet upon their meeting in the Portland hotel Saturday night they recognized each other immediately and commented upon the lack of change in one another's appearance.

Then the hotel managers got together at a corner of the hotel and talked of old times in New York, which place they both left to come west with "Billy" Lee in 1888. Mr. Bowers went to Spokane, Mr. Clyde to Kansas City and Mr. Lee to Tacoma. Mr. Lee has since died, but many traveling men who came to the coast remember him well in connection with Mr. Bowers and Mr. Clyde.

Mr. Clyde started in the hotel business in San Francisco, but came to Portland on several occasions while on the coast, the last time being in 1884. In speaking about his former visits to the Rose City he said:

"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 things were down on the river front and the woods covered the greater portion of the west side.

"These buildings 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 sized city, but few looked 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.

actors in "The Road to Frisco," the melodrama that is being offered at the Lyric by the Allen stock company this week are drawn. A bounding human interest, with thrilling scenes and situations, the play is one of the best that has recently been offered at the Lyric.

The play was offered yesterday to a large audience and was a decided hit. It is artistically staged and admirably presented. Among the members of the Allen company who sustain excellent parts are Miss Verna Felton, Mrs. Clara Allen, Forrest Seabury, Irving Kehndy, Harry Blanchard and others.

"The Road to Frisco" will be the bill at the Lyric for the entire week with matinees today, Thursday, Saturday and Sunday.

**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 are really remarkable from a vaudeville standpoint, each containing features which of themselves were worth the patronage of the public.

His pick struck a hidden primer.

(Special Dispatch to The Journal.)  
Helen, 30, Charles Butler, representing Dittmer, Bradbury and Whitcomb, a firm of Chicago, Milwaukee and St. Paul construction contractors, were at the Lyric yesterday. All the characters of every description from which an author may choose.

It was from that period that the character of the bill which is drawing large houses.

**HIS PICK STRUCK  
A HIDDEN PRIMER**

(Special Dispatch to The Journal.)  
Boise, Ida., July 30.—A report from Emmett, 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.

Bracing food for steady nerves—  
Nutritive food for healthy appetites—  
Strengthening food for sturdy muscles—  
The most nourishing wheat food

## Uneeda Biscuit

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In moisture and dust proof packages.

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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 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 "dipper gold amalgamator," a simple 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 \$50. It requires but eight horsepower to operate with a handling capacity of 100 tons.

The new invention without the use of gravity pressure or compressed air delivers the product into and under the quicksilver by means of two hollow shafts which extend down into the quicksilver and these shafts are constantly in motion, keeping the quicksilver alive and active and distributing the product equally and uniformly, exposing to the action of the quicksilver every particle of value, regardless of its minuteness.

All particles in the product which will amalgamate, or of that size that will amalgamate, remain in the pan and the lighter material or waste, passes through the quicksilver by means of an adjustable outlet which is properly constructed in the center of the pan and for the exclusive purpose.

For nearly a year those interested have been perfecting the new machine and now it is being ready for market. Daily demonstrations are made at the Colorado Agricultural building, Lewis and Clark fair grounds. Six machines are complete and the Manufacturing & Guarantee corporation has been formed to manufacture and handle the amalgamators. None will be sold, the company preferring to lease them at a monthly rental of \$50. Present intentions are to turn out between 20,000 and 25,000 with this end in view. Portland will gain another large manufacturing industry. Later Denver and other middle west and intermountain cities will have branch plants in all probability.

Better to illustrate the working of the machine, a few days ago a sample was tendered the Garvin-Cyralde people of this city. The rock and dirt by assay contained only a trace. Run through the amalgamator 2 1/2 cents in gold was obtained.

These local mining men, all of prominence, endorse the new invention. Angus McQueen, L. R. Greenley, Harry J. Armstrong, S. B. Edwards and C. I. Wild, H. S. Taylor, managing editor of the Mining World, all say it is the greatest mining invention of the age.

Portland and North Yakima men control the invention. They are Duncan McPhail, C. R. Edwards, A. H. Northrup, H. S. Attix and W. F. Bedell.

**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 strikers, miners, and trouble is threatened for the men that sent them north. The unfortunate men went north on the Dolphin, leaving this city June 4. They had been promised \$5 a day and board at a place named Fairbanks. They paid an employment agency \$5 each for their position and \$65 for transportation. Three have returned. They say they were employed for Lawson, Berry & Maddocks. They were told of no labor troubles in the north, but when they arrived near Fairbanks they found 3,000 men who threatened them and booted them as scabs.

The three who returned are G. Cornelius, H. Chase and D. M. Engstrom. They say the members of the party who are left behind are out of work, and for the most part out of money. None has the necessary \$75 to pay his way back to the United States, and not being allowed to work there is no way of earning it. The three who returned will file a suit against the employment agency that sent them north.

More railroad tickets are sold at Albany than at any other point south of Portland, says the Herald.

## SEATTLE RACEGOERS NO LONGER STIFLED

(Special Dispatch to The Journal.)  
Seattle, July 30.—The experiment of closed 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 races Saturday noticed an almost complete absence of dust. The road had been oiled.

All macadam roads in the county will be oiled, and about 50 miles of new macadam is in prospect. The county engineer figures that it will cost about \$100 a mile to oil the highways.

Watches cleaned \$1 at Metzger's, 242 Washington street.

**Aberdeen Remains Ladies.**  
(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. Price 50c.

**Mexican Mustang Liniment**

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

**Mexican Mustang Liniment**

Cures every ailment of Man or Beast that a good, honest Liniment can cure. None better, None so good.

**Foster & Kleiser Signs**

# CASTORIA

The Kind You Have Always Bought, and which has been in use for over 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  
*Charles H. Fletcher*

The Kind You Have Always Bought  
In Use For Over 30 Years.

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Men's, Youths' and Juvenile Wearables



## College Brand Clothes

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
\$18.00 Suits . .	\$13.85	\$25.00 Suits . .	\$19.00
\$20.00 Suits . .	\$15.65	\$27.50 Suits . .	\$20.00

## 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
\$15.00 Suits . . .	\$7.50	\$22.50 Suits . .	\$11.25
\$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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THAT ARE WORTH ALL YOU PAY FOR THEM  
HICKS-CHATTEN ENGRAVING CO.  
311 AND 313 WEST 10TH  
PORTLAND, OREGON

## 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.**

Seventh and Washington **Rosenthal's** Seventh and Washington  
**PORTLAND'S BEST SHOE STORE**

See Our Windows Formerly at 149 Third St.

## HOSTETTER'S CELEBRATED STOMACH BITTERS



An attack of Cramps, Diarrhoea, Sick Headache, Indigestion, Dyspepsia or Biliousness can be quickly relieved by resorting to the Bitters promptly. We guarantee it pure and it has a 34 years' record of cures back of it. Always keep a bottle on hand.