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Long-Standing

Blood Diseases are cured by the persevering use of Ayer's Sarsaparilla.

This medicine is an Alternative, and causes a radical change in the system. The process, in some cases, may not be quite so rapid as in others; but, with persistence, the result is certain.

Wonderful Results.

Another marked effect of the use of this medicine was the strengthening of my system. Mrs. Carrie Adams, Holly Springs, Texas.

Ayer's Sarsaparilla

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass.

DIAMOND PALACE

GUSTAV HANSEN, Prop'r.

Diamonds & Jewelry

A Large and Well Selected Stock of Fine Diamonds and Jeweled Goods.

A NEW ENTERPRISE.

City Express Transfer Company.

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Cannery Supplies

I. W. Case, BANKER

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RIVERS WORTH IMPROVING.

Young's River and the Klaskanine Recommended for Improvement.

REPORT OF CAPTAIN YOUNG.

OFFICE OF THE CHIEF OF ENGINEERS, U. S. ARMY, WASHINGTON, D. C., Dec. 16, 1889.

SIR: I have the honor to submit herewith a copy of the report upon the survey of "Young river and its tributary, Klaskanine river," Oregon, dated November 25, 1889, made under the direction of Captain Willard Young, corps of engineers, to comply with the requirements of the river and harbor act of August 11, 1888, and accompanying map.

A copy of the report upon the preliminary examination of the lower end of Young's river as far up as the lower end of the cut-off, and from the channel of Klaskanine river as far up as Kamm's wharf, and to cut down all dangerous overhanging trees within the same limits, at an estimated cost of \$145,000, provided the work be done by one of the government snagboats now in service upon the Columbia and Willamette rivers.

Very respectfully, your obedient servant, THOMAS LINCOLN CASEY, Brig. Gen., Chief of Engineers.

CAPT. WILLARD YOUNG'S REPORT. UNITED STATES ENGINEER OFFICE, PORTLAND, OREGON, December 20, 1889.

GENERAL: I have the honor to report that the preliminary examination specified in section 13 of the river and harbor act of August 11, 1888, of Young's river, and its tributary, Klaskanine river, Oregon, has been made by me, in compliance with the instructions contained in the letter of the chief of engineers, dated September 23, 1888.

In my opinion Young's river and its tributary, Klaskanine river, are worthy of improvement.

It is only in the tidal sections that these rivers may be considered as navigable streams. The principal obstructions to navigation lie above the mouth of the Klaskanine. The river below is about nine miles in length, is from 300 feet to 1,000 feet or more in width, and is almost free from snags, having a good channel, with a least depth at low water of six feet. Above the mouth of the Klaskanine the tidal section of each stream is about three miles in length, and the channels are narrow and tortuous. Navigation here is rendered dangerous by drift, snags and sunken logs. The available depths now at low water are from two to three feet. If the channels were cleared out to at least four feet, the ordinary rise and fall of the tide is between six and seven feet. This makes it possible for boats of considerable draught to navigate the streams in their present condition by taking advantage of the tide. One boat now makes regular trips on the river four times a week, going as far as the cut-off on Young's, a mile above the mouth of the Klaskanine, and as far up as Kamm's wharf on the Klaskanine, or to within a mile and a half of the head of tide. Occasional trips are made by other boats.

The improvement at present desired and asked for is, so far as I have been able to learn, that the streams shall be cleared of snags and drift, and the pulp mill on Young's river, which is about two miles above the mouth of the Klaskanine, and as far up as Kamm's wharf on the Klaskanine; and that the cut-off on Young's river shall be dammed so as to maintain a fall to the old channel or else that the old channel shall be dammed and the cut-off widened out so as to permit boats to pass. The cost of such an improvement will be small, while the benefits will be quite appreciable in the avoidance of dangers and delay; and in making available magnificent water-power, which exists at the falls of Young's river, just above the head of tide. Already a pulp mill has been started a mile or so below the falls for converting spruce and other timber into pulp, which is sent to San Francisco and made into paper. A sawmill is now talked of. Other enterprises may be expected to start up when the river shall have been opened.

There being few or no roads in this section of the country, the river is used as a highway by the settlers, and all their supplies are taken on the water and brought out by boat. In this way a considerable trade has been carried on for years. The rich tide lands of the valley are being gradually reclaimed by diking, and the hill lands are being cleared and brought under cultivation. Large quantities of hay are shipped out besides farms and dairy products, saw logs, wool and pulp.

Not a small part of the traffic over the Klaskanine is furnished by the middle Nelahun valley country, which is now being rapidly settled up. All travel and freight to and from this section now go by boat up Young's and Klaskanine rivers to Kamm's wharf, and from there overland about thirty miles to the valley. The commerce of the rivers will increase in proportion to the growth of the tributary and adjacent country, which is of considerable extent and quite rich in natural resources. Statistics as to the amount and value of the present commerce are not available.

The cost of the improvement now asked for would, I think, exceed \$250,000. I estimate that it would cost \$100 to make such an examination or survey as needed to enable a report to be made, including the project, with a careful estimate of the improvement.

Very respectfully, WILLARD YOUNG, Captain of Engineers, THE CHIEF OF ENGINEERS, U. S. A. SURVEY OF YOUNG'S AND KLASKANINE RIVERS, UNITED STATES ENGINEER OFFICE, PORTLAND, ORE., Nov. 25, 1889.

GENERAL: In compliance with the instructions contained in your letter of the 11th inst., I have the honor to transmit herewith a report of Mr. James S. Polhemus, assistant engineer on the survey of Young's river and its tributary, Klaskanine river, Oregon.

In my report of a preliminary examination of Young's river and its tributary, Klaskanine river, submitted December 22, 1888, I mentioned such points as I was enabled to ascertain by a personal examination and inquiry. These, in connection with the report of Mr. Polhemus, are considered sufficient to show the propriety of improving the river, since the expense will not be great, nor incommensurate with the probable benefits to result therefrom.

The funds for this survey were not sufficient to permit a hydrographic chart of the river to be made, nor this considered necessary. A tracing of the map prepared by the direction of Capt. C. F. Powell, corps of engineers, in 1881, is transmitted herewith for convenient reference.

To remove the snags and sunken logs from the channel of Young's River, as far up as the lower end of the "cut-off," and from the channel of Klaskanine river, so far up as Kamm's wharf, and to cut down all dangerous overhanging trees within the same limits.

ESTIMATED COST. For removing snags from the channel of Young's River, in the lower reach, below the Klaskanine, 75 For removing snags and sunken logs, and cutting down overhanging trees from the mouth of the Klaskanine river to the lower end of Young's River, 700 For removing snags and sunken logs, and cutting down overhanging trees from the lower end of Young's River to Kamm's wharf, 200 Contingencies, 20 per cent. 675 Total 1,650

The above estimate is based upon the supposition that the work is to be done by one of the government snagboats now in service upon the Columbia and Willamette rivers. Very respectfully, your obedient servant, WILLARD YOUNG, Captain of Engineers, THE CHIEF OF ENGINEERS, U. S. A.

A Haunted House. This body of ours has been likened to a tenement. It often has a haunted apartment - the stomach - secured by the eldritch spirit, dyspepsia, indigestion, flatulency, or colic. What can break the spell, what can raise the living dead, the living organs? We never undervalued Hostetter's Stomach Bitters, and we are warranted in recommending it as the best remedy for the above ailments. A course of the Bitters, begun in any stage of the affliction, and persistently followed, will terminate in cure. It acts upon the food directly, expels the poisons existing from the cellular tissue that act upon the food directly, expels the poisons from the stomach and the blood, and promotes a regular habit of body. Malaria, kidney complaint, nervousness, rheumatism, and a urinary disease will be cured by it.

There have been rumors of a playing card trust lately. The reports are by no means unfounded. People interested in cards are always ready for a deal.

CATARH. Catarrhal Deafness - Hay Fever - A New Home Treatment. Sufferers are not generally aware that these diseases are contagious, and that they are due to the presence of living parasites in the living membrane of the nose and ear-lid tubes. Microscopic research, however, has proved this to be a fact, and the result of this discovery is that a simple remedy has been found to destroy the parasites, expel the catarrhal matter, and permanently cure in from one to three simple applications made at home by the patient once in two weeks.

N. B. - This treatment is not a snuff nor an ointment; both have been used and failed by reputable physicians as infirmities. A pamphlet explaining this new treatment is sent on receipt of three cents in stamps to pay postage by A. H. Dixon & Son, 27 and 29 West King street, Toronto, Canada. - Christian Advertiser. Sufferers from Catarrhal troubles should read the above.

THAT HACKING COUGH can be so quickly cured by Shiloh's Cure. We guarantee it. J. C. Dement.

SLEEPLESS NIGHTS, made miserable by that terrible cough, Shiloh's Cure is the remedy for you. J. C. Dement.

WILL YOU SUFFER with Dyspepsia and Liver Complaint? Shiloh's Vitalizer is guaranteed to cure you. J. C. Dement.

IN SOUTHERN OREGON.

Greatest Flood Known Since the Country Was Settled.

FERTILE FARMS CARRIED AWAY.

A dispatch from Jacksonville, of the 5th, says: A phenomenal rainstorm has prevailed in southern Oregon since last Friday, which, in connection with the melting of snow in the mountains, has caused the greatest flood known since the country was settled. The damage to the southern region cannot be estimated, as all postal communication is uncertain and limited, so that only surmise can be made of the ravages of the water.

On the line of numerous tributaries of Rogue river much of the finest soil in the lower valleys is washed down to the gravel. The fertile Bear Creek region has not escaped visitation. The heart of the valley has presented the appearance of a turgid sea for days, and communication between its many towns was almost suspended by the swollen foothill streams. Many people were obliged to leave their homes for safety.

Great damage was done to the mining interests of this section by the bursting and filling of ditches, and the breaking and filling of ditches, and loss of damns and machinery.

The Oregon & California railway track in southern Oregon has been washed away for miles, and the road-bed is seriously damaged along the whole line. There has not been mail from either the north or south for several weeks. No estimate of the loss to the country in bridges and private property can be made. Hundreds of thousands of dollars will not cover it.

Merrill's Creek, Feb. 5. - The railroad across Merrill's Creek is washed away. The Canyonville and Riddle's wagon road bridge are both gone. The Umpqua river is higher than known since 1862.

Rosburg, Feb. 5. - The bridge across Deer creek has gone out. The woolen mills at this place are a total wreck.

An Excellent Medicine. "My wife and myself were in bad health for some fifteen years. I chanced to be looking over one of Simmons' Liver Regulator Almanacs and saw A. Stevens and Bishop Pierce's names to testimonials. I then obtained some of the Regulator, and can heartily recommend the Liver Regulator to my friends as an excellent medicine."

Z. E. HARRISON, M. D., Gordonsville, Va.

"Something strange about this," mused the growing school youth; "this dress suit grows smaller every year, and yet whenever I take it out I find it in creases."

WE CAN AND DO Guarantee Dr. Acker's Blood Elixir, for it has been fully demonstrated to the people of this country that it is superior to all other preparations for blood diseases. It is a positive cure for syphilis, the poison, Elixirs, Eruptions, and Pimples. It purifies the whole system and thoroughly builds up the constitution. Sold by J. W. Conn.

Button manufacturers cannot be very profitable, for the button business is a thing that sooner or later is bound to get into a hole.

IS LIFE WORTH LIVING? Not if you go through the world a dyspeptic. Dr. Acker's Dyspepsia Tablets are a positive cure for the worst forms of Dyspepsia, Indigestion, Flatulency and Constipation. Guaranteed and sold by J. W. Conn.

The King of Siam has an umbrella worth \$2,000. It has never been out in the reign.

Ayer's Sarsaparilla purifies the blood, and expels all poisonous elements. Sold by druggists.

St. Jacobs Oil Cures PROMPTLY AND PERMANENTLY PAINS AND ACHES.

Spent \$500. in Vain. Wakarusa, Ind., Aug. 22, 1888. "I suffered all over with pain and spent \$500 on doctors without relief, two or three applications of St. Jacobs Oil relieved me."

CONRAD DORRING. AT DRUGGISTS AND DEALERS. THE CHARLES A. VOGLER CO., Baltimore, Md.

A PLANTERS EXPERIENCE. My plantation is in a malarial district where fever and ague prevails. I employ 150 hands; frequently half of them were sick. I was nearly discouraged when I began to use the

ROYAL GERMETUER

The only medicine which destroys the germ of malarial fever, Rheumatism, Female Complaints, Consumption (if not too far gone), Dyspepsia, Malaria and all Blood and skin Diseases. It is a safe and positive cure for LOSS OF MANHOOD and Gonorrhoea. It is pleasant to drink. Give it a trial. Price, 75 cents and \$1.25.

PACIFIC SLOPE MEDICINE CO., Spokane Falls, Wash.

J. C. Dement, Sole Agent, Astoria.

Tutt's Pills

The result was marvellous. My men became strong and hearty, and I have had no further trouble. With these pills, I would not fear to live in any swamp." E. RIVAL, Bayou Sara, La.

SOLD EVERYWHERE. Office, 44 Murray St., New York.

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SOLD EVERYWHERE. Office, 44 Murray St., New York.

ROYAL BAKING POWDER

Absolutely Pure.

This powder never varies. A standard of purity, strength and wholesomeness. More economical than the ordinary kinds, and can not be sold in competition with the multitude of low test, short weight, alum or phosphate powders. Sold only in cans. ROYAL BAKING POWDER CO., 106 W. 3rd St., N. Y.

Lewis M. Johnson & Co., Agents, Portland, Oregon.

ALDERBROOK

Joins Astoria on the East and will be the terminus of the two Transcontinental Railways.

Young's Addition to Alderbrook! Is the only inside addition on the market, and prices of lots will treble in value within three months.

Buy now, while lots are selling for \$75; \$20 down and \$10 per month.

Wingate & Stone,

PARIS TAILOR.

Leading Tailor of Astoria.

Great Reduction in Prices.

Adjoining Warrenton on the East.

Which will be known and sold as East Warrenton!

THE RAILROAD runs through the plat, which is only 200 yards from the Warrenton depot. For further information call at once on the

ASTORIA REAL ESTATE CO.

For Sale!

The West One-Half of Block 71, McClure's Astoria.

Only three blocks south of the Odd Fellows' building. There is a fine dwelling on this choice property that will rent at top figures the year round.

For further particulars inquire of ASTORIA REAL ESTATE CO.

GO TO LARSON & HILLBACK

GROCERIES AND FRESH FRUITS.

Orders Delivered Free of Charge, Country Orders Solicited. Third Street, next to Pioneer office.

The Mikado.

CANDY MANUFACTORY.

N. J. BERGMAN, Prop'r.

Fine Chocolate Bon Bons

FRESH MADE DAILY. As Well as All Other Kinds of Cream Candies.

Please Call and Give Me a Trial. THIRD STREET, Next to Western Union Telegraph Office.

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