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The Daily Astorian.

Vol. XVIII. Astoria, Oregon, Wednesday Morning, November 29, 1882 No. 51.

FOREST FIRES.

The American Journal of Forestry, the first number of which has been published at Cincinnati, contains an interesting paper on forest fires by Mr. Putnam, of Wisconsin, which, it is stated, was written for the forestry congress, but delayed, owing to the absence of its author on the Pacific Coast. The forest fires of Michigan, Wisconsin and Minnesota are said to be the results mostly of carelessness on the part of explorers or timber hunters, haymakers and others, having either business or pleasure in the woods, who leave their camp-fires burning where they have cooked a meal or spent the night. July and August are the months in which they generally occur, when the pine leaves and branches from the last winter's cutting are dry, and, like tinder, liable to burn from the dropping of a match or a stroke of lightning. The author of the paper thinks it absolutely necessary that proper laws should be passed and enfored for the punishment of this criminal negligence, and does not believe that it would be hard to detect offenders. Most men, he says, can be traced even in the pineries, and if fires result from their acts, they should be punished by imprisonment or fines. The practice of lumbermen is, when the tree is felled, to cut off the branches, which are left scattered on the ground, and in the following summer they become dry and like powder. A match thrown away, an emptied pipe, in fact anything with a spark of fire, will start the burning. It is suggested that there should be a law requiring the lumbermen to employ an extra man in the woods to pile in open spaces the green branches and refuse, so that all may be burned at a proper time. The opinion of the author is that the fires are not the result of the carelessness of the Indians, who are careful to extinguish their camp fires. He advocates the appointment of foresters to collect and distribute information and advice as to the manner of cutting timber. Probably as much timber or as many trees in number are destroyed each year through the ignorance and carelessness in cutting the pine timber for saw logs as what are cut and really used or taken to market. The author states that he has recently visited the forests on the Pacific Coast, and finds there more danger from fires than in Minnesota, Wisconsin and Michigan. Terrible fires, he says, rage on Puget Sound, Coast Range and Cascade forests, all the result of pure carelessness, and which might have been prevented. He thinks that one thousand trees may be saved where one can be raised, and after thirty years in forests he thinks that if he had educated his timber explorers to be careful of fire he could have saved millions. Such is the information given by a Wisconsin lumberer.

The Cascade Locks.

The importance of this great work of improving the navigation of the second river on the continent, which drains an area of country nearly 300,000 miles square, must not be lost sight of in the bickerings of local contests. Every resident of eastern Oregon and Washington is directly interested in this great enterprise. It is the great outlet of this vast empire, which is as productive as any part of the continent, and only lacks the means of transportation to make it attractive to all seeking homes. Since the O. R. & N. and N. P. R. R. Co.'s have completed their roads into the interior, large tracts of land have been occupied, and when water competition shall have so regulated fares and freight as to make them compare with other lines of traffic, the influx of population will be much greater.

The work is sufficiently far progressed to make its completion a question of little doubt. The government having already spent half a million dollars upon these locks will not abandon them now, especially when the demands of this section are so urgent. In two or three years with appropriations as liberal as the last one, the locks at the Cascades will be completed, so near completion as to make them available for trade, and we can reasonably hope that the next congress will appropriate as large an amount for this purpose as the last one.—*Times-Mountaineer.*

BEST BAKING POWDER

Interesting Tests Made by the Government Chemist.

Dr. Edward G. Love, the present Analytical Chemist for the Government, has recently made some interesting experiments as to the comparative value of baking powders. Dr. Love's tests were made to determine what brands are the most economical to use, and as their capacity lies in their leavening power, tests were directed solely to ascertain the available gas of each powder. Dr. Love's report gives the following:

Name of the Baking Powders.	Strength Cubic Inches Gas per each ounce of Powder.
"Royal (cream tartar powder)	127.4
"Patapsco" (alum powder)	125.2
"Rumford's" (phosphate) fresh	122.5*
"Rumford's" (phosphate) old	32.7*
"Hanford's None Such" fresh	121.6
"Hanford's None Such" old	84.35
"Redhead's"	117.0
"Charm" (alum powder)	116.9*
"Amazon" (alum powder)	111.9*
"Cleveland's (short weight ⅔ oz)	110.8
"Sea Foam"	107.9
"Czar"	106.8
"Dr. Price's"	102.6
"Snow Flake" (Groff's St. Paul)	101.88
"Lewis's" Condensed	98.2
"Congress" yeast	97.5
"C. E. Andrews & Co's" (contains alum)	78.17*
"Heeker's"	92.5
"Gillets"	84.2
"Bulk"	80.5

*In his report, the Government Chemist says:

"I regard all alum powders as very unwholesome. Phosphate and Tartaric Acid powders liberate their gas too freely in process of baking, or under varying climatic changes suffer deterioration."

Dr. H. A. Mott, the former Government Chemist, after a careful and elaborate examination of the various Baking Powders of commerce, reported to the Government in favor of the Royal brand.

The whole northwest coast of the American contineat is washed by a warm current from the China seas. This gives a temperature mild and balmy. Great evaporation is carried on and the air charged with humidity. If it were not for the mountains the air would be too hot and humid on the coast for comfort, but the high mountains cool it and make this one of the most delightful climates in the world. The coast winds naturally carry the sea vapor inland, but the first obstacle encountered by these masses of vapor is a range of mountains high enough to cause, by their altitude and lower temperature, the precipitation of a large amount of moisture upon this seaward slope. Still, a considerable portion of this moisture is carried over this first range and through the gaps in the mountains and falls in rains and mist upon the level prairie country beyond. Not so, however, with the second or Cascade range. These mountains by their hight force up the humid air again and completely intercept the sea fog. While great masses of vapor overhang the western slopes, on the eastern slopes not a drop of dew falls."

In a recent case in Iowa against the Chicago and Northwestern Railroad company, the jury was being made up, when a Boone county man was called. He took his seat in the box with great complacency, when Judge Cohe, counsel for the plaintiff, threw the following at him:

"Have you a Northwestern Railroad pass?"

"Yes, sir," said the expectant juror.

"Step aside, sir," said the judge.

It was rightly regarded by Judge Cohe that no man in the employ or pay of the company could be an impartial juror in a case in which it was defendant. The free pass man was therefore rejected.

—Croup, Whooping Cough and Bronchitis immediately relieved by Shiloh's Cure. Sold by W. E. Dement.

Reserved Positions.

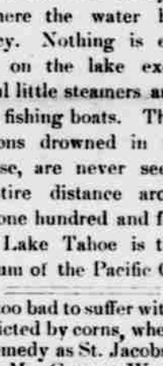
The election in Thurston and Lewis counties this year was the cause of a curious coincidence. In February, 1854, the first legislature of the newly organized territory met in Olympia. The council consisted of nine members and the house of thirty. Those in the council were Messrs. D. R. Biglow, Henry Miles, B. F. Yantis, G. N. McConaha, Seth Catlin, W. T. Sayward, L. Balch, W. H. Tapan and D. F. Bradford. So far as known all these are dead but Messrs. Bigelow and Miles. In the same legislature Capt. C. H. Hale was a member of the lower house. If they both live until next fall Henry Miles and C. H. Hale, after a lapse of thirty years, will again meet together, elected on the same ticket and from the same district, only they will have reversed positions, in that Mr. Hale will be in the council and Mr. Miles in the house.—*Olympia Courier.*

Lake Tahoe is one of the most wonderful bodies of water in the world, which lies at an altitude of 6,218 feet above the level of the sea. It is twenty-three miles long and fifteen miles wide, in the form of a parallelogram, lying northeast and southwest, partly in California and partly in the State of Nevada. The greatest depth yet found is 1,800 feet. The water is so transparent that trout can be seen at the bottom, where the depth is from eighty to one hundred feet. Owing to the altitude and rarity of the atmosphere the water has little buoyancy. Nothing is ever seen floating on the lake except the beautiful little steamers and pleasure and fishing boats. The bodies of persons drowned in this lake never rise, are never seen again. The entire distance around the lake is one hundred and forty-four miles. Lake Tahoe is the great sanitarium of the Pacific Coast.

It is too bad to suffer with the agony inflicted by corns, when so simple a remedy as St. Jacobs Oil will stop it. Mr. George W. Hirman, Lonsdale, Pa., gives special praise to the Great German Remedy for its efficacy for this ailment and others too.

Track on the main line of the Northern Pacific is now laid to Merrill, Montana, twenty-three miles westward from the late terminus at Park City, and nine hundred and sixty-three miles from St. Paul. Work on this end of the line is advancing steadily.

ROYAL



BAKING POWDER

Absolutely Pure.

This powder never varies. A marvel of purity, strength and wholesomeness. More economical than the ordinary kinds, and cannot 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 Wall-st., N. Y.

HEADQUARTERS

Foster's Emporium.

Most Complete Stock in Astoria

Novelties of all Kinds

Fruits Both Foreign and Domestic

Wines and Liquors

Of Superior Brand.

FOSTER'S CORNER, O R & N DOCK

—Shiloh's Cough and Consumption Cure is sold by us on guarantee. It cures consumption. Sold by W. E. Dement.

—For lame Back, Side or Chest use Shiloh's Porous Plaster, Price 25 cents. For sale by W. E. Dement.

ST. JACOBS OIL

THE GREAT GERMAN REMEDY.

FOR

RHEUMATISM,

Neuralgia, Sciatica, Lumbago, Backache, Soreness of the Chest, Gout, Quinsy, Sore Throat, Swellings and Sprains, Burns and Scalds, General Bodily Pains, Tooth, Ear and Headache, Frosted Feet and Ears, and all other Pains and Aches.

No Preparation on earth equals ST. JACOBS OIL as a *safe, sure, simple* and *cheap* External Remedy. A trial entails but the comparatively trifling outlay of 50 Cents, and every one suffering with pain can have cheap and positive proof of its claims.

Directions in Eleven Languages.

SOLD BY ALL DRUGGISTS AND DEALERS IN MEDICINE.

A. VOGELER & CO.,

Baltimore, Md., U. S. A.

The Sun's Washington special on the Nicaragua Canal says: The bill will be called up almost immediately on the assembling of Congress, by Miller, of California, who has had it made the special order for the first day of the session. He acts under instruction from the Legislature of his State. The projectors of this canal will do all they can to secure the passage of this measure, but they have not much hope that Congress will take any action on subsidy bills at the coming session. Admiral Ammen, chief advocate of the canal, hopes to be able to persuade the President to favor the project in his message. General Grant still favors it, and may return from Mexico by way of Nicaragua.

SYMPTOMS OF A DISEASED LIVER.

Pain in the right side, under edge of ribs, increasing on pressure; sometimes the pain is on the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder and is sometimes taken for Rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternating with laxity; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes attendant. The patient complains of weariness and debility; he is easily startled; his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low, and, although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it.

If you have any of the above symptoms, you can certainly be cured by the use of the genuine DR. C. McLANE'S LIVER PILLS.

When you buy McLane's Pills, insist on having DR. C. McLANE'S CELEBRATED LIVER PILLS, made by Fleming Bros., Pittsburgh, Pa.

If you can not get the genuine DR. C. McLANE'S LIVER PILLS, send us 25 cents by mail, and we will send them to you.

FLEMING BROS., Pittsburgh, Pa.

King of the Blood

Is not a "*cure all*," it is a blood-purifier and tonic. Impurity of the blood poisons the system, deranges the circulation, and thus induces many disorders, known by different names to distinguish them according to effects, but being really branches or phases of that great generic disorder, **Impurity of Blood.** Such are *Dyspepsia, Biliousness, Liver Complaint, Constipation, Nervous Disorders, Headache, Backache, General Weakness, Heart Disease, Dropsy, Kidney Disease, Piles, Rheumatism, Catarrh, Scrofula, Skin Disorders, Pimples, Ulcers, Swellings, &c., &c.* **King of the Blood** prevents and cures these by attacking the *cause*, Impurity of the blood. Chemists and physicians agree in calling it "the most genuine and efficient preparation for the purpose." Sold by Druggists, $1 per bottle. See testimonials, directions, &c., in pamphlet, "Treatise on Diseases of the Blood," wrapped around each bottle.

D. RANSOM, SON & Co., Props
Buffalo, N. Y.

THE "NE PLUS"

Patent Washing Machine

Only Premium at Portland Mechanics Fair is now Ready.

The owners of the

SOLE SHOP RIGHT

For Oregon will deliver free to any railroad or steamboat station on receipt of $15. Specially low terms to dealers. Address P. O. Box 718 Portland, Oregon.

ROSCOE'S FIRST CLASS

Oyster Saloon.

CHENAMUS STREET, ASTORIA.

THE UNDERSIGNED IS PLEASED TO announce to the public that he has opened a

FIRST CLASS

Eating House,

And furnishes in first-class style

OYSTERS, HOT COFFEE TEA, ETC. AT THE

Ladies' and Gent's Oyster Saloon,

CHENAMUS STREET.

Please give me a call.

ROSCOE DIXON, Proprietor

A. M. JOHNSON & Co.,

Ship Chandlers and Grocers.

Ropes and Cordage of all kinds. Blocks, Patent and Mettaline of all sizes.

The Genuine Leeson's Scotch Salmon net Twines.

Mermaid Twines; Canvas, all No's: Copper Tipped Oars.

The best assortment of

GROCERIES

In Town.

The Best COFFEES and TEAS. Try our Melrose Baking Powder

Positively the best ever made.

CANNED GOODS

of all kinds put up by best Packers. Richardson's and Robbin's Canned Goods.

Terms Cash. Profits Small.

GIVE US A CALL.

WILLIAM EDGAR,

Corner Main and Chenamus Streets,

ASTORIA ..... OREGON

DEALER IN

CIGARS AND TOBACCO,

The Celebrated

JOSEPH RODGERS & SONS

GENUINE ENGLISH CUTLERY

AND THE GENUINE WOSTENHOLM

and other English Cutlery.

STATIONERY!

FAIRCHILD'S GOLD PENS

Genuine Meershaum Pipes, etc.

A fine stock of

Watches and Jewelry, Muzzle and Breech Loading Shot Guns and Rifles, Revolvers, Pistols, and Ammunition

MARINE GLASSES

ALSO A FINE Assortment of fine SPECTACLES and EYE GLASSES.

B. B. FRANKLIN,

UNDERTAKER,

Corner Cass and Squemoqhe streets,

ASTORIA. - - - - OREGON

DEALER IN

WALL PAPER

AND

WINDOW SHADES

AND

UNDERTAKERS GOODS.

MAGNUS C. CROSBY,

Dealer in

HARDWARE, IRON, STEEL,

Iron Pipe and Fittings,

PLUMBERS AND STEAM FITTERS

Goods and Tools,

SHEET LEAD STRIP LEAD

SHEET IRON TIN AND COPPER,

Cannery and Fishermens Supplies

Stoves, Tin Ware and House

Furnishing Goods.

JOBBING IN SHEET IRON, TIN, COPPER PLUMBING and STEAM FITTING

Done with neatness and dispatch.

None but first class workmen employed.

A large assortment of

SCALES

Constantly on hand.

Delinquent City Taxes.

NOTICE IS HEREBY GIVEN THAT I, the undersigned, Chief of Police, have been furnished with a warrant from the city council requiring me to collect the taxes assessed for the year 1882, and now delinquent upon the list, and make return of the same within sixty days. All parties so indebted will therefore please take notice and govern themselves accordingly.

C. W. LAUGHERY,
Chief of Police.

Astoria, Oregon, September 19, 1882.

FINLAYSON, BOUSFIELD & CO.

JOHNSTONE, SCOTLAND.

J. R. LEESON & CO.

BOSTON, MASS.

THE FLAX MILLS,

GRAFTON

MANUFACTURERS OF THE UNRIVALED

SCOTCH

TWINES.

PACIFIC COAST DEPOT.

NEVILLE & CO.

31 & 33 CALIFORNIA ST.,

SAN FRANCISCO.

WILLIAM HOWE,

—DEALER IN—

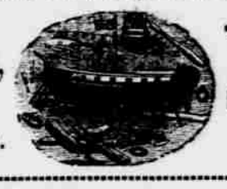
Doors, Windows, Blinds, Transoms, Lumber.

All kinds of

OAK LUMBER,

GLASS,

Boat Material, Etc.



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AND

Bracket Work

A SPECIALTY.

Boats of all Kinds Made to Order.

Orders from a distance promptly attended to, and satisfaction guaranteed in all cases.

MISCELLANEOUS.

ASTORIA IRON WORKS.

BENTON STREET, NEAR PARKER HOUSE, ASTORIA. - OREGON.

GENERAL MACHINISTS AND BOILER MAKERS.

LAND & MARINE ENGINES

Boiler Work, Steamboat Work and Cannery Work a specialty.

CASTINGS.

Of all Descriptions made to Order at Short Notice.

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J. G. HUSTLER, Secretary.
I. W. CASE, Treasurer.
JOHN FOX, Superintendent.

S. ARNDT & FERCHEN,

ASTORIA. - OREGON.

The Pioneer Machine Shop

BLACKSMITH

SHOP

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Boiler, Shop

All kinds of

ENGINE, CANNERY,

—AND—

STEAMBOAT WORK

Promptly attended to.

A specialty made of repairing

CANNERY DIES,

FOOT OF LAFAYETTE STREET.

WILSON & FISHER,

SHIP CHANDLERS.

DEALERS IN

Iron, Steel, Coal, Anchors, Chains,

TAR, PITCH, OAKUM,

WROUGHT AND CUT GALVANIZED

SPIKES.

Nails, Copper Nails and Burrs,

Shelf Hardware, Paints and Oils

Rubber and Hemp Packing of all Kinds.

PROVISIONS.

FLOUR AND MILL FEED.

Agents for Salem Flouring Mills.
Corner Chenamus and Hamilton Streets.

ASTORIA, OREGON.

Cedar Street Grade.

NOTICE is hereby given that the Common Council of the City of Astoria, Oregon, propose to establish the grade along the line of Cedar street from the west end of Cedar street to the west side of West-6th street in Shively's Astoria, as follows: at the intersection of West-ninth and Cedar streets, 35 feet above the base of grades; at the intersection of West-8th and Cedar streets, 53 feet above the base of grades; at the intersection of West-7th and Cedar streets, 42 feet above the base of grades, and at the intersection of West-sixth and Cedar streets, 35 feet above the base of grades.

By order of the Common Council.

F. C. NORRIS,
Auditor and Clerk.

Nov. 22, 1882. 10td

Notice.

THERE WILL BE A MEETING OF THE stockholders of the Union Packing Company at the Company's office in Astoria, on Monday, Nov. 27th, 1882; business of importance will be transacted.

JOHN WIIK, Secretary.

BUSINESS CARDS.

E. C. HOLDEN,
NOTARY PUBLIC,
AUCTIONEER, COMMISSION AND SURANCE AGENT.

Dr. J. C. SHAFTER,
PHYSICIAN and SURGEON
(DEUTSCHER ARZT.)
Diseases of the Throat a Specialty.
Office over Conn's Drug Store.

J. O. BOZORTH,
U. S. Commissioner, Notary Public, and Insurance Agent.
Agent for the Hamburg-Bremen Fire Ins. Co. of Hamburg, Germany, and of the Travelers' Life and Accident Ins. Co., of Hartford, Conn.
Office over Wells, Fargo & Co's Express Office.

GELO F. PARKER.
SURVEYOR OF
Clatsop County, and City of Astoria
Office:—Chenamus street, Y. M. C. A. hall Room No. 8.

F. D. WINTON,
Attorney and Counselor at Law.
Office in Pythian Building. Rooms 11, 12.
ASTORIA, - - - - OREGON.

JAY TUTTLE, M. D.
PHYSICIAN AND SURGEON
OFFICE—Rooms 1, 2, and 3, Pythian Building.
RESIDENCE—Over Elberson's Bakery, opposite Barth & Myers' Saloon.

A. L. FULTON, M. D.
Physician and Surgeon.
OFFICE—Over A. V. Allen's grocery store. Rooms, at the Parker House.

F. P. HICKS,
DENTIST,
ASTORIA, - - - - OREGON
Rooms in Allen's building up stairs, corner of Cass and Squemoqhe streets.

J. E. LaFORCE,
DENTIST
Dental Rooms over Case's Store,
Chenamus Street, - - Astoria, Oregon.

J. Q. A. BOWLBY,
ATTORNEY AT LAW.
Chenamus Street, - ASTORIA, OREGON

G. A. STINSON & CO.,
BLACKSMITHING,
At Capt. Rogers old stand, corner of Cass and Court Streets.
Ship and Cannery work, Horseshoeing, Wagons made and repaired. Good work guaranteed.

TAILORING.
Cleaning & Repairing.
NEAT, CHEAP AND QUICK, BY
GEORGE LOVETT.
Main Street, opposite N. Loeb's.

MAX. WAGNER'S
BOWLING ALLEY.
MAX. WAGNER'S
Agency for the National Beer.
Beer delivered in any part of the city.

FOR SALE.

THE HULL AND HOUSE OF THE STEAMER KATATA.—Will make a first-class Coasting schooner. For particulars inquire of

A. McKENZIE.