

# The Daily Astorian.

(1)

Vol. XVIII.

Astoria, Oregon, Tuesday Morning, December 5, 1882

No. 55.

## THE BOTTOM OF THE ATLANTIC.

In a lecture delivered at the National Academy of Sciences, Columbia college, says the New York Sun, Prof. A. E. Verrill, of Yale college, describes the physical and geological character of our coast, especially that which lies beneath the gulf stream. He has made 1,500 observations this summer for the United States fish commission. He has cruised from Labrador to Chesapeake bay and about 200 miles out to sea. About sixty miles outside of Nantucket is a streak of very cold water, and animals dredged up are like those from the arctic regions and dropped when the ice melts. The water is fifty fathoms deep and the bed of the ocean is of clay. Boulders weighing 800 or 1,000 pounds are dredged up. Prof. Verrill believes they are brought down by icebergs from the arctic regions and dropped when the ice melts. The boulders are found as far south as Long Island. Further out to sea, seventy to one hundred and twenty miles from the southeastern coast of New England, the bottom of the sea, which has inclined very gradually eastward, forming a table land, takes a sudden dip downward, so that whereas the water on the edge of the bluff is 100 fathoms deep, at the bottom of the basin it is 1,000 fathoms deep. The slope is as high and as steep as Mount Washington, and on its summit, which is level, a diver, could go to so low a depth, could not put out his hand without touching a living creature. The bottom of the sea is covered just there with a fauna which has never before been found outside of the Mediterranean, the Gulf of Mexico, the Indies, or other tropical regions. The number of species of fish dredged up is 800, and over half of them have never before been seen by naturalists. Seventy kinds of fish, ninety of crustacea, and 270 mollusks have been added to our fauna. The age of many of the specimens shows that they must be permanent in that region. The trowel let down from the ship by a mile of rope brings up a ton of living and dead crabs, shrimps, star fish, and as the trowel simply scrapes over a small surface, the ocean bed is plainly carpeted with creatures.

Sharks are seen by thousands in this region, and countless dolphins, but seems strange that not a fish bone is ever dredged up. A piece of wood may be dredged up once a year, but it is honeycombed by the boring shell fish, and falls to pieces at the touch of the hand. This shows what destruction is constantly going on in those depths. If a ship sinks at sea with all on board, it would be eaten up by fish with the exception of the metal and that would corrode and disappear. Not a bone of a human body would remain after a few days. It is a constant display of the survival of the fittest. Nothing made by the hand of man was dredged up after cruising for months in the track of ocean vessels except coal clinkers shoved overboard from steamships. Here Prof. Verrill corrected himself. Twenty-five miles from land he dredged up an India rubber doll. That, he said, was one thing the fish could not eat.

Here the gulf stream is forty miles further west than the map shows, Prof. Verrill continued; and this stream of warm water from the south nourishes the tropical life near Massachusetts. The temperature further in shore is 35 degrees in August, on the edge of the submarine Mount Washington 53 degrees, and towards the bottom of the basin, 39 degrees, while further out to sea the temperature grows colder. On the surface the jelly fish, nautilus, and the Portuguese man-of-war, with other tropical fish are found. In this belt the tile fish, about which so much was said a year ago, were found in immense quantities, but this summer, although expeditions were made for the express

purpose of catching some, not one could be taken. Undoubtedly they had been killed to a fish by a storm, which carried the cold water into the gulf stream; indeed, it is known that a cold current of water resting on the ocean's bed may contain arctic fish and a current of warm water, floating over it may be alive with tropical fish.

As to the quantity of light at the bottom of the sea there has been much dispute. Animals dredged from below 700 fathoms either have no eyes, or faint indications of them, or else their eyes are very large or protruding. Crab's eyes are four or five times as large as those of a crab from the surface water, which shows that light is feeble, and that eyes to be of any use must be large and sensitive. Another strange thing is that when the creatures in those lower depths have any color, it is of orange red, or reddish orange. Sea anemones, corals, shrimps and crabs, have this brilliant color. Sometimes it is pure red, and in many specimens it inclines toward purple. Not a green or blue fish is found. The orange red is the fish's protection, for the bluish green light in the bottom of the ocean makes the orange or red fish appear of a neutral tint, and hides it from enemies. Many animals are black, others neutral in color. Some fish are provided with boring tails, so that they can burrow in the mud. Finally, the surface of the sub-marine mountain is covered with shells, like an ordinary sea beach, showing that it is the eating house of vast schools of carnivorous animals. A codfish takes a whole oyster into its mouth, cracks the shells, digests the meat, and spits out the rest. Crabs crack the shells and suck out the meat. In that way come whole mounds of shells that are dredged up.

**Murder of "Wapato Dave."**  
An old Indian, famed all over Oregon, and known as "Wapato Dave," with his wife, were found dead last Tuesday near Williamina, in Yamhill county, both lying with their heads nearly severed from their bodies, evidently from blows with an ax in a powerful hand. The same day Tom Gilbert, another Indian who belongs to the Grand Ronde Indian agency, came from Williamina into that reservation fearfully drunk, and exhibiting a strange and weird aspect. The Indian was locked up, and the next morning the horrible story of the murder of Wapato Dave and his India wife was brought to the agent, Mr. P. B. Sinnott. At the same time the information was brought that Gilbert had attacked Daniel, the son of Wapato Dave, and he being young and active, got away with a badly battered face and a frightful cut on his hand, barely escaping with his life. Mr. Sinnott immediately organized a jury of Indians to inquire into the murder, and the result of their investigation was to charge the crime upon Tom Gilbert. Mr. Sinnott put the accused in irons and at once wrote down to U. S. District Attorney Watson to know how he should proceed in the case. Judge Watson has the case under advisement, and will soon decide whether the case shall be tried by state court or by tribal law. Under the United States law the United States courts cannot try cases where Indians have committed crimes upon the person or property of an Indian.

Wapato Dave, the murdered man, has had a most remarkable career. The truthful records of his life would make a volume of ten times the excitement and interest found by the average young American in the famous Indian novels. He was chief of the once famous tribe of Wapato Indians, the most powerful of the aborigines of the Willamette valley. It is impossible to tell his age. The earliest white settlers of this valley remember him as an old man when they first knew him.

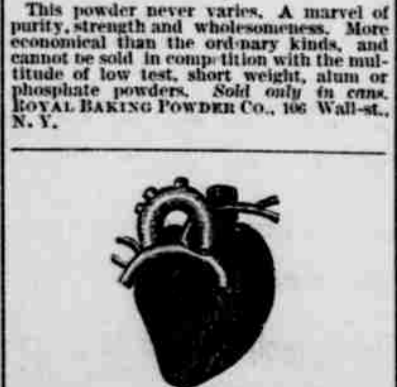
He was often called into counsel in any difficulty between white men and Indians themselves, and by his usual keensightedness and remarkable good sense he often prevented great difficulties and bloodshed. But the later years of Dave's life have been marked by the influence and example of civilization. He had a great desire to ape the white man's habits and ambitions. Among the Indians and in their courts at the reservation he became a great lawyer, and was often employed to conduct cases before their courts. He was regarded as the most eminent pleader at the bar, and made many an honest penny in their petty cases. He had a formidable rival in an Indian named Connoyer, who practiced at the same bar. But Dave said he lacked education and proper discernment in choosing and presenting his legal points. As before stated, Dave, having traveled extensively all over Oregon, was known to almost everybody, especially old Oregonians. He has often visited Portland, and was in this city only about a month ago in the interest of some of his clients. He was so old that he had become completely blind. His murder may afford his rival Indian attorney a chance to win fame as a defender of the murderer in the tribal court. But it is most likely so horrible an affair will be put into the state court. The excitement in Yamhill county is intense over this double murder, and the developments will be watched with eager interest by the thousands who have known Dave and respected him for his later upright life.—*Oregonian.*

"On behalf of St. Jacobs Oil I must say a word," writes Wm. Stansbury, Lancaster, Pa. "It is a never-failing remedy. I used it for a sweened horse, and it proved so satisfactory that I would not be without it in my business. I must always have it."

Ben Perley Poore, in discussing Thurlow Weed's revelations as to the fate of William Morgan, is credited with saying that when in Smyrna, forty years ago, he gathered evidence equally good to show that Morgan died in that distant land after having regularly received quarterly remittances from the United States.



**ROYAL BAKING POWDER**  
Absolutely Pure.



**King of the Blood**

It 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.** **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. RANSON, SON & Co.,** Proprietors, Buffalo, N. Y.



**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.

**A. VOGELER & CO.,**  
Baltimore, Md., U. S. A.

**A Sure Cure for Snoring.**  
Take a wire that is a little longer than the mouth of the sleeper is wide and paste some pieces of paper on the wire, so that it will act as a windmill. On one of the pieces of paper pin a feather. The wind that comes with the snore will cause the paper windmill to revolve, and the feather will tickle his nose. He will wake up mad at first, and throw the windmill away, but another should be provided and inserted in the mouth. After four trials he will quit snoring forever. This is the way we were cured, and it is ten years since we snored a single solo.—*Milwaukee Sun.*

By direction of the President a general order announces a military post on the south side of the Golden Gate entrance to the bay of San Francisco, now known as Fort Point, hereafter to be known as "Fort Winfield Scott," in honor of the late General Scott, and the military post at Black Point, San Francisco harbor, now known as Fort San Jose, be known as "Fort Mason," in honor of the late Gen. Mason, Military Governor of California.

**A LETTER FROM GERMANY.**  
SALZGEM, January 9, 1882.  
Very esteemed sirs:  
The praise your Liver Pills have called forth here is wonderful. After taking one and a half boxes of your genuine DR. C. McLANE'S LIVER PILLS, I have entirely recovered from my four years' suffering. All who know me wonder how I, who for so many years, had no appetite, and could not sleep for backache, which in my side, and general stomach complaints, could have recovered. An old lady in our city, who has suffered for many years from kidney disease, and the doctors had given her up, took two of your Pills, and got more relief from such has from all the doctors. Yours truly,  
J. VON DER BERG.

**BEWARE OF IMITATIONS.**  
The genuine are never sugar-coated. Every box has a red wax seal on the lid, with the impression: **McLane's Liver Pills.** The genuine **McLANE'S LIVER PILLS** bear the signature of C. McLane and Fleming Bros., on the wrappers. Insist upon having the genuine DR. C. McLANE'S LIVER PILLS, prepared by Fleming Bros., of Pittsburgh, Pa. The name **McLane**, spelled differently, but of same pronunciation. If your stockkeeper does not have the genuine DR. C. McLANE'S CELEBRATED LIVER PILLS, send us 25 cents, and we will send you a box by mail, and a set of our advertising cards.

**FLEXING BROS.,** Pittsburgh, Pa.

**A. V. Allen,**  
(SUCCESSOR TO PAGE & ALLEN.)  
Wholesale and retail dealer in  
**Groceries, Provisions, Crockery.**  
**Glass and Plated Ware, TROPICAL AND DOMESTIC FRUITS AND VEGETABLES.**  
Together with  
**Wines, Liquors, Tobacco, Cigars**

**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 Metalline 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, Huzzle 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 Squemoque streets, ASTORIA - OREGON.  
DEALER IN  
**WALL PAPER**  
AND  
**WINDOW SHADES**  
AND  
UNDERTAKERS GOODS.

**Leinenweber & Co.,**  
C. LEINENWEBER, H. BROWN.  
ESTABLISHED 1835.  
ASTORIA, OREGON.  
**TANNERS AND CURRIES,**  
Manufacturers and Importers of  
ALL KINDS OF  
**LEATHER**  
AND FINDINGS  
Wholesale Dealers in  
**OIL AND TALLOW.**  
Highest cash price paid for Hides and Tallow.

**LOEB & CO.,**  
JOEBERS IN  
**WINES, LIQUORS, AND CIGARS.**  
AGENTS FOR THE  
Best San Francisco Houses and Eastern Distilleries.  
All goods sold at San Francisco Prices.

**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, 35 feet above the base of grades; 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.

**FINLAYSON BOUSFIELD & CO.**  
JOHNSTONE, SCOTLAND.  
**J. F. LEESON & CO.**  
BOSTON, MASS.  
**THE FLAX MILLS,**  
GRAFTON.  
MANUFACTURERS OF THE UNRIVALLED  
**SCOTCH SALMON NET**  
**TWINES.**  
PAKING COAST DEPT.  
**NEVILLE & CO.**  
31 & 33 CALIFORNIA ST.,  
SAN FRANCISCO, CALIF.

**WILLIAM HOWE,**  
—DEALER IN—  
**Doors, Windows, Blinds, Transoms, Lumber.**  
All kinds of  
**OAK LUMBER,**  
GLASS,  
Boat Material, Etc.  
**TURNING**  
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.  
A. D. WASS, President.  
J. L. HUSTLER, Secretary.  
I. W. CASE, Treasurer.  
JOHN FOX, Superintendent.

**S. ARNDT & FERCHEN,**  
ASTORIA - OREGON.  
**The Pioneer Machine Shop**  
BLACKSMITH  
**SHOP**  
AND  
Boiler Shop  
All kinds of  
**ENGINE, CANNERY, 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.

**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.

**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, 35 feet above the base of grades; 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.

**For Sale.**  
LOT 6, BLOCK 125, SHIVELY'S ASTORIA occupied by James McGee, with all the buildings and improvements thereon. Terms easy. Enquire of  
**J. BOZORTH,**  
Real Estate Agent.

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

**DR. J. C. SHAFER,**  
PHYSICIAN AND SURGEON  
(DENTURE CASES)  
Diseases of the Throat, Lungs, Bronchitis, Catarrh of the Bladder, etc.  
**J. C. BOWLEY,**  
U. S. Commissioner, Surveyor Public, and Insurance Agent.  
Agent for the Hamburg-Bremen Fire Ins. Co. of Hamburg, Germany, and of the Trans-Atlantic Life and Accident Ins. Co. of Hartford, Conn.  
Office over Wells, Fargo & Co's Express Office.

**G. V. F. PARKER,**  
SURVEYOR OF  
Clatsop County, and City of Astoria  
Office - Chenamus street, Y. M. C. A. hall Room No. 5.  
**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 Squemoque streets.  
**J. E. LAFORCE,**  
DENTIST  
Dental Rooms over Case's Store,  
Chenamus Street - - - Astoria, Oregon.

**J. Q. A. BOWLEY,**  
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**  
**ROLLING ALLEY.**  
**MAX. WAGNER'S**  
Agency for the National Beer.  
Beer delivered in any part of the city.  
**Notice.**  
THE BANK IN THIS PLACE WILL CLOSE on and after Monday, 4th inst. at 3 o'clock. All customers are kindly requested to take due notice and govern themselves accordingly.  
I. W. CASE  
Astoria, December 1, 1882.