

The Daily Astorian

VOL. XXXV, NO. 125.

ASTORIA, OREGON, MONDAY, NOVEMBER 2, 1890.

PRICE FIVE CENTS

The Only Exclusive Clothing Hat House In The City.



The House that Buys and Sells the Best Goods, as to Make, Fit, and Quality.

The house that is managed the best, and transacts its business on the lowest expense for the volume of business annually transacted.

The house that can, and does sell its goods on the smallest margin.

The house that keeps the best assortment and has no shelf-worn goods, its stock is always new and fresh as it is continually coming and going, like the flow of the mighty Columbia, direct from its source, to the body it supplies.

Above all, it is the house that treats every customer alike, and transacts all its business on strictly business principles, in short it is a business house.

Not A Fake.

BUSINESS CARDS.

J. F. HAMILTON,
ATTORNEY AT LAW,
Astoria, Oregon.
Office, three doors east Court House, Third street.

C. J. CURTIS,
Attorney-at-Law; Notary Public.
Commissioner of Deeds for Washington Territory. Office in Flavel's new brick building, Cor. Second and Cass streets.

JOHN H. SMITH,
ATTORNEY AT LAW.
Office on Cass street, 2 doors back of Odd Fellows Building, Astoria, Oregon.

J. A. BOWLEY,
Attorney and Counselor at Law
Near Postoffice, Chenamus Street, Astoria, Oregon.

A. R. KANACA,
ATTORNEY AT LAW.
Office over White House Cor., Astoria, Or.

J. H. MAXWELL,
REAL ESTATE BROKER
AND
NOTARY PUBLIC.
Established 1883.
Third Street, next to W. U. Telegraph Office, Astoria, Oregon.

W. W. PARKER,
Real Estate and Insurance Agent,
Conveyancer and Notary Public.
112 Benton Street, opposite the Postoffice, Between Chenamus & Squemoque Sts., Astoria, Oregon.

A. A. CLEVELAND,
ATTORNEY AT LAW.
Office on Chenamus street, corner second and Cass streets; up stairs.

MRS. A. L. AND J. A. FULTON,
Cass street, between 3rd and 4th.
Special attention to Diseases of Women and Children, by Dr. A. L. Fulton.
Special attention to Surgery, by Dr. J. A. Fulton.
Office hours from 10 to 12 A. M., and 1 to 4 P. M.

DR. H. W. STRICKLER,
PHYSICIAN, SURGEON AND DRUGGIST
In simple cases, charges only for medicines.
Near Postoffice, Chenamus Street, Astoria, Oregon.

JAY TUTTLE, M. D.,
Physician, Surgeon and Acoucheur.
Office, Room 6, Fythin Building.
Office hours—10 to 12 and 2 to 5.
Residence, 5th Cedar Street.

DR. P. A. BROWN,
DENTIST.
Rooms 7 and 8, Flavel's new Brick Building.
W. T. BERRY, L. T. BARN
J. W. DRAPER.

Burney, Barin & Draper,
Attorneys-at-Law.
Oregon City, Oregon.
Twenty years experience as Register of the U. S. Land Office here, recommends us in our specialty of Mining and all other business before the Land Office or the Courts, and involving the practice in the General Land Office.

Thielsen, Lester & Andersen,
CIVIL ENGINEERS,
Surveyors and Architects.
OFFICE, ROOM 9, FIAVEL'S BLD'G
SECOND STREET
P. O. BOX 812. ASTORIA, OR.

TELEGRAPHIC SUMMARY.

Lala Lee, an Indian, was found guilty of murder at Missoula.
Wm. Foran, a San Francisco boy, lost his hand while hunting.
Dillon and O'Brien, the Irish patriots, received an ovation in New York.
The steam whaler *Balaona* has arrived in San Francisco from Behring sea.
The latest kick against the McKinley bill comes from Illinois coal miners.
The battle of Vito was the result of indirect talk by a German colonist.
The chief justice of Samoa is in London, en route to America and his post of duty.
The state grand jury of Missouri, recommends the abolition of the grand jury law.
A man and woman, who registered at a New Haven hotel as man and wife were asphyxiated by gas.
The Republican national committee will pay \$300 each for the conviction of crooked voters in Arkansas.
Tommy Warren and Tommy Miller have been matched to fight in New Orleans for a purse of \$1,000.
William O'Toole, a rancher living near Milpitas, was smothered to death by getting mired in the mud.
The story of a sad marriage comes from Siberia, where a young, beautiful and wealthy girl was united to an exile.
At South St. Paul, Minn., Benjamin and Wm. Rogers were murdered by George Robode, who committed suicide.
The story of the second mate of the schooner *Hargreaves* which collided with the steamer *Vicaya* is not believed by the owners.
The New York *Mail and Express* correspondent figures that the republicans will have a majority of eight in the hours of representation.

The Samon Justice.
Special to THE ASTORIAN.
LONDON, Nov. 2.—The Swedish lawyer, Godere, whose appointment as chief justice of Samoa, under the recent agreement between Germany, England and the United States has been ratified by the three nations. He is now visiting the London legations, en route for his new post of duty. He will call on President Harrison at Washington while on his way across the American continent to take the steamer for Asia.

More Complaints Made About The McKinley Bill.
Special to THE ASTORIAN.
CHICAGO, Nov. 2.—A *Times* special from Morris, Ill., says: All the operators of the coal mines in the vicinity of Morris, Ill., published a statement that they had advanced the price of coal twenty-five cents a ton, and gave as a reason that owing to the McKinley bill, the price of groceries, shoes, clothing, meat, as well as other necessities, had largely advanced. They purport to pay four cents per ton of the twenty-five cents additional to the miners, but the latter demanded ten cents of the twenty-five, which the operators refused to pay, and yesterday the men all went on a strike.

A FEATHER-WEIGHT FIGHT.
Tommy Warren and Tommy Miller Matched in New Orleans.
Special to THE ASTORIAN.
NEW ORLEANS, Nov. 2.—Articles of agreement for a five-ounce glove contest between Tommy Warren and Tommy Miller, both of Astoria, Ore., were signed by Tommy Warren, of California, and Tommy Miller, of Indiana, feather weights, at 115 pounds, give or take two. The fight will be for a purse of \$1,000 to the winner and \$250 to the loser.

The Boy and the Gun.
Special to THE ASTORIAN.
SAN FRANCISCO, Nov. 2.—William Fortin, a 16-year-old boy, had his right hand blown off to-day while pulling a gun over a fence after him.
THAT HACKING COUGH can be so quickly cured by Shiloh's Cure. We guarantee it.

CATARRH CURED. Health and sweet breath secured, by Shiloh's Catarrh Remedy. Price 50 cents. Nasal injector free.

I. W. Case, BANKER.
Transacts a General Banking Business.
Drafts drawn available in any part of the U. S. and Europe, on Hong Kong, China and India.
OFFICE HOURS:—10 A. M. to 3 P. M.
ODD FELLOWS BUILDING, ASTORIA, OREGON.

Maverick National BANK, BOSTON, MASS.
CAPITAL \$400,000
SURPLUS \$60,000
Mrs. Michael Curtin, Plainfield, Ill., makes the statement that she caught cold which settled on her lungs; she was treated a month by her family physician but grew worse. He told her she must have a new doctor, and she went to a druggist who suggested Dr. King's New Discovery for Consumption; she bought a bottle and used it as directed, and was benefited from first dose; she continued its use, and after taking ten bottles found her lungs and throat were cured, and she was able to get on as usual as ever was. Free trial bottles of this great Discovery at J. W. Conn's Drug Store, large bottles, 50c, and \$1.

Rememberable Rescue.
Mrs. Michael Curtin, Plainfield, Ill., makes the statement that she caught cold which settled on her lungs; she was treated a month by her family physician but grew worse. He told her she must have a new doctor, and she went to a druggist who suggested Dr. King's New Discovery for Consumption; she bought a bottle and used it as directed, and was benefited from first dose; she continued its use, and after taking ten bottles found her lungs and throat were cured, and she was able to get on as usual as ever was. Free trial bottles of this great Discovery at J. W. Conn's Drug Store, large bottles, 50c, and \$1.

Another Whaler Returns.
Special to THE ASTORIAN.
SAN FRANCISCO, Nov. 2.—The whaling steamer *Balaona* arrived in port last evening, eighteen days from Behring sea. On board were 120 barrels of oil, 7,000 pounds of whalebone, 100 pounds of seal blubber, one hundred of bear skins and 500 pounds of ivory, all of which is consigned to the Pacific Steam Whaling Company.

Remarkable Cure.
Mrs. Michael Curtin, Plainfield, Ill., makes the statement that she caught cold which settled on her lungs; she was treated a month by her family physician but grew worse. He told her she must have a new doctor, and she went to a druggist who suggested Dr. King's New Discovery for Consumption; she bought a bottle and used it as directed, and was benefited from first dose; she continued its use, and after taking ten bottles found her lungs and throat were cured, and she was able to get on as usual as ever was. Free trial bottles of this great Discovery at J. W. Conn's Drug Store, large bottles, 50c, and \$1.

Important Notice.
Now is the time to test the best Catarrh Cure, the regular price of which is \$3.00, can be had from J. W. Conn, the druggist, at \$1.00 per package, thereby saving \$2.00. This is a preparatory warranted to cure. Call for a package and try it. It is guaranteed to give perfect satisfaction, or money refunded. Price 25 cents per box. For sale by J. W. Conn.
Remember the place—Conn's, opposite the Occident Hotel, S. Brown & Co., Portland.
Los Angeles, Cal. P. O. Box 63. Blumhard Frank Drug Co., Portland.

Soow Bay Foundry
—CORNER—
WEST FIFTH AND WALL STS.
ASTORIA, OREGON.
Now is the time to test the best Catarrh Cure, the regular price of which is \$3.00, can be had from J. W. Conn, the druggist, at \$1.00 per package, thereby saving \$2.00. This is a preparatory warranted to cure. Call for a package and try it. It is guaranteed to give perfect satisfaction, or money refunded. Price 25 cents per box. For sale by J. W. Conn.
Remember the place—Conn's, opposite the Occident Hotel, S. Brown & Co., Portland.
Los Angeles, Cal. P. O. Box 63. Blumhard Frank Drug Co., Portland.

CASTINGS
Of all Descriptions
MADE TO ORDER ON SHORT NOTICE
A Pocket Pencilcase Free to Smokers of TANSILL'S PUNCH 5¢

ALL THE WORLD OVER

A Wealthy Young Woman Marries a Russian Convict.
A RANCHER'S TERRIBLE DEATH.

The Grand Jury System Denounced—The Battle of Vito—General News and Notes.
Special to THE ASTORIAN.

LONDON, Nov. 2.—News has reached here of one of the saddest marriages on record, which was recently entered into by a former Russian laborer, exiled to ten years hard labor in the mines and life-long banishment, and a young and beautiful girl possessing an ample fortune in her own right, who has faithfully and wearily followed the footsteps of her lover.

The bridegroom was brought to the altar of the prison chapel in the soiled gray clothes of a convict, his ankles bound by chains clinked to an iron wall behind him. The marriage ceremony was performed by a priest, and each other a sad but hopeful farewell, he to return to his gloomy, toilsome life, and she to await wearily until her husband obtains the freedom of exiles.

THE 'VICAYA' WRECK.
The Story of the Second Mate is Disbelieved.
SPECIAL TO THE ASTORIAN.
FALL RIVER, Mass., Nov. 2.—The story of the second mate of the sunken vessel, the schooner *Corvus* *Hargreaves*, which charges the captain with cowardice in connection with the collision with the steamer *Vicaya* is disbelieved here by the owners of the vessel, who are anxiously waiting Captain Allen's return home. Several of the stockholders took out insurance policies during the week. One was delivered by Daniel Wilbur on Thursday night about the time the collision occurred. The *Hargreaves* has \$100,000 held by a local insurance of \$100,000 is held by a local insurance of \$100,000.

REWARD OFFERED FOR CROOKED WORKERS IN ARIZONA.
Special to THE ASTORIAN.
LETTER ROCK, Nov. 2.—The republican state committee, and committee, has deposited \$31,000 in the national bank of Little Rock, to be devoted to the cause of free elections in this state this week. Two hundred dollars reward is offered for testimony that will result in the conviction of any person who may be guilty of a violation of the election laws.

THE BATTLE OF VITO.
It Was Discussed About by an Exiled Russian Convict.
SPECIAL TO THE ASTORIAN.
LONDON, Nov. 2.—A special from Zennaro says: "The attack upon Vito, resulting in the burning of that place and the massacre of many of its inhabitants, was caused by the indiscreet utterances of a German settler named Friedrich, whose vaporous exaggerations the natives and led them to over acts of hostility, necessitating their punishment."

SMOTHERED BY RUD.
Strange Death of a Rancher in California.
SPECIAL TO THE ASTORIAN.
SAN JOSE, Nov. 2.—William O'Toole, a wealthy rancher near Milpitas, drove his horse over a ledge of a place crossing a slough at Alviso late last night and before assistance could reach him was smothered to death in the mud.

Grand Jury's Denounced.
SPECIAL TO THE ASTORIAN.
ST. LOUIS, Nov. 2.—The state grand jury yesterday handed in a sweeping denunciation of the whole grand jury system and called for its abolition. The report declared the grand jury a superfluous adjunct to criminal jurisdiction, and asserted that in most cases it hinders and delays the administration of justice while it affords members, when so inclined, an opportunity to gratify malice or to blacken the reputation of reputable men.

The Telegraphers' Troubles.
SPECIAL TO THE ASTORIAN.
CHICAGO, Nov. 2.—Local members of the Brotherhood of Telegraphers, at a meeting this afternoon, decided by an almost unanimous vote to resign their charter in the Young organization. This resolution of the Brotherhood will be made known to the Western Union Telegraph Company and its employees, where the dismissed operators will be reinstated into their employ.

ADVICE TO MOTHERS.
Mrs. Winkler's SCOTTISH SYRUP should always be used for children's ailments. It soothes the child, softens the gums, always all pain, cures diarrhoea, and is the best remedy for wind colic. Twenty-five cents a bottle.

Boston unions want New York tenement goods excluded from that state.
The BEST SALVE in the world for Cuts, Bruises, Sores, Ulcers, Salt Rheum, Fever Sores, Tetter, Chapped Hands, Chilblains, Corns, and all Skin Eruptions, and positively cures Itch, or no pay required. It is guaranteed to give perfect satisfaction, or money refunded. Price 25 cents per box. For sale by J. W. Conn.

WILL YOU SUFFER WITH Dyspepsia and Liver Complaint? Shiloh's Vitalizer is guaranteed to cure you.

MURDER AND SUICIDE.

A Fatal Quarrel Over the Ownership of Cattle.
Special to THE ASTORIAN.
SOUTH ST. PAUL, Minn., Nov. 2.—A bloody tragedy occurred here this evening, including a double murder followed by a suicide of the murderer.

Benjamin W. Rogers and Wm. B. Rogers were brothers, engaged in the commission business and stock raising. Last night some of their cattle strayed into an adjoining meadow belonging to a farmer named George Robode. This evening the Rogers brothers went after their cattle and a dispute arose between them and Robode over the ownership of several animals. The quarrel grew warm and Robode went to his house and returned with a double-barrelled shotgun, loaded with slugs. Before the brothers could retreat he fired at Benjamin, literally blowing off his head. The second barrel was discharged at William, fatally wounding him in the neck and breast. Robode reloaded the gun and returning to his barn, divested himself of his coat, hat and shoes, placed the muzzle of the gun beneath his chin, pulled the trigger with his toe and blew off his head.

WAS IT SUICIDE?
A Man and Woman Asphyxiated in a Hotel.
Special to THE ASTORIAN.
NEW HAVEN, Conn., Nov. 2.—John Brown, aged 25, and an unknown woman were found in a room at the Franklin house, in this city, this evening, asphyxiated. They were informed when found and were removed to the hospital. There is not the slightest chance of their recovery. They registered at the hotel at 10 o'clock Saturday night as man and wife, and they were not seen until the morning when a small amount of gas caused an investigation to be made with the result as above. Who they are is not known. Their clothing is of good material and their features would indicate that they are not of lowly class.

THE INFORMATION SIGNAL.
Suggestions and Explanations Concerning The Yellow Flag.
A letter received at this office from John P. Finley, 2nd Lieutenant of the signal corps in charge of the signal service office in San Francisco, dated Oct. 30, 1890, gives considerable information in regard to the rise of the yellow flag, and though something similar has been published in the *Astorian*, the ordinary cautionary signal which is hoisted at a place where a storm is indicated, and therefore a portion of the letter is copied as follows:
The information signal is not a storm signal in the sense that its display signifies the occurrence of a storm at the place of display, but rather that it gives notice to the public that telegraphic information has been received by the observer concerning the approach of a storm, of such a nature that the important details regarding it cannot be indicated by the display of the regular cautionary storm signals. Under such conditions the information signal may convey the intelligence that a storm is off at sea, moving eastward but in such a direction that it is believed no serious injury will result to shipping, especially if the vessels going out move in certain directions. The ordinary cautionary storm signal which is hoisted at a place where indications are favorable for a storm at that place and that it will affect the neighboring country for a region of perhaps from seventy-five to one hundred miles in extent, necessitating their punishment."

THE DAM SHOULD BE REMOVED.
"This dam ought to be taken away, in the first place, and then the close season should be extended a month or more, and the catching more fish than we were at the same time last year, and if the weather remains favorable we will continue to catch them several weeks longer. Anyone can see how we are handicapped by the dam behind us. The close season came to an end on the 1st of October and we have no way of preventing fishermen from catching salmon that we should have for spawning purposes. They even encroach upon the hatchery grounds, and all we can do is to keep them out of that."
"If it were not for the sawmill dam, and we had the close season extended another month, we could in all probability turn out twice as many young salmon as we will. The dam is more of a barrier to Chinook salmon than to Silversides, for the reason that the former are about ready to spawn and consequently slow and sluggish. The Silversides are fresh from the ocean, and being more spry and energetic, find their way through the spot more readily. During the late rains when the river overflowed the dam, we were able to catch many more salmon than we did either before or have since the rains."
HERE IS A CONTROVERSY.
State Fish-Commissioner Reed took 450,000 eggs from the Clackamas hatchery to the branch hatchery at Warrendale last Wednesday and it is understood that he will carry two or three hundred thousand more.
"What is the idea of taking eggs to the Warrendale hatchery, when you have accommodations enough for hatching them here?" Commissioner Hubbard was asked.
"That is just what I don't know," replied he. "We have fourteen rows of troughs here, each row containing twenty-four wire hatching trays. We are now putting about 15,000 eggs in a tray, but we could easily put in 25,000 without any crowding. We can take care of even more eggs than this, by taking away the young fish as soon as they are old enough after being hatched. If all conditions are favorable, this hatchery can handle from 10,000,000 to 12,000,000 eggs a year."
"I presume the state fish-commissioner, who takes the eggs by permission of the United States fish-commissioner, desire to place a portion of the

OUR SALMON HATCHERY.

Inadequate Protection Stands in the Way of Success.
ESTIMATE OF THE YEAR'S WORK.
Commissioner Hubbard Condemns the Mill Dam and Suggests that the Close Season be Extended.

As the salmon industry of Oregon is one of the most important in the state, the degree of success attending the artificial propagation of these fish is always a matter of deep interest to the public. It is right that it should be so, for the far-famed Chinook salmon of the Columbia river has done perhaps more to extend the reputation of Oregon than any one other industry. Chinook salmon have become known the world over; as for delicacy of flavor and general eating qualities, they are surpassed by any other salmon in the world.

As the spawning season is gradually drawing to a close, the eyes of fishermen and cannermen are naturally turned to the Clackamas hatchery for an estimate of the probable output of young fish.
The hatchery is located on the Clackamas river, about five miles above the Oregon & California railway bridge at its junction with Clear creek. For the purpose of ascertaining the extent of this year's operations, a reporter visited the hatchery last Sunday.

ESTIMATE OF THE YEAR'S OUTPUT.
Fish Commissioner W. F. Hubbard, who is in charge of the hatchery for the United States fish commission, stated that about 3,050,000 have already been taken and that if the weather remains good the year's output will be from 3,500,000 to 4,000,000 young fish. Last year's output was 4,500,000. This deficiency is accounted for in various ways.
State Fish Commissioner Reed attributes the small catch to the penury and short-sighted policy of the government in delaying the erection of a dam by refusing to make an appropriation when it was needed. He recently said that the dam should have been built on the 1st of May, whereas the appropriation was not forthcoming till the 1st of July. From this delay he reasons that the state will suffer the consequences in a much smaller output of young fish.

Commissioner Hubbard seizes the dilemma by the other horn and takes an entirely different stand.
"OREGON FISH LAWS INADEQUATE."
He says that while some fish, no doubt have been lost through the delay in erecting dams, the greatest loss is due to the inadequacy of protection afforded salmon by the Oregon fish laws.
"Of the principal cause of a small catch this year," said he, "is the obstruction placed in the river by a dam at the sand mill, a short distance above the railroad bridge. This dam was built some time in September, and has been a great hindrance to the fishermen, and all we can do is to keep running constantly. Each day the eggs are carefully picked over and all the bad ones are removed. The spoiled ones are easily recognized by the female salmon, and are not allowed to hatch, the time depending upon the weather and temperature of the water.
After the eggs are in proper shape for the hatchery they are put in wire trays that are kept in long troughs of running water. The water is pumped up from the Clackamas river, and is kept running constantly. Each day the eggs are carefully picked over and all the bad ones are removed. The spoiled ones are easily recognized by the female salmon, and are not allowed to hatch, the time depending upon the weather and temperature of the water.
After hatched, the young fish are kept about ten or twelve weeks, at which time they are able to paddle their own canoe. They are then about an inch and a half in length, and quite spry and thrifty.
The Clackamas river water being nearer the temperature of the water in natural spawning beds than the water from Clark creek, which was used until two years ago, gives better results. About 85 or 90 per cent of the female salmon are now hatched. What becomes of the female salmon after they are relieved of their eggs? Commissioner Hubbard says they all die. They die, he says, whether artificially spawned or allowed to do so in their own natural way. They never leave the spawning ground and consequently each salmon spawns but once. Moreover, the female salmon eats nothing after going up stream, and it is supposed to gradually waste away and die of starvation. The males go back to deep water and take a new lease of life."
Happy Hoosiers.
Wm. Timmons, postmaster of Idaville, Ind., writes: "Electric Bitters has done more for me than all other medicines combined, or the relief arising from Kidney and Liver trouble." John Leslie, farmer and stockman of Idaville, Ind., writes: "I find Electric Bitters to be the best Kidney and Liver medicine; made me feel like a new man." J. W. Gardner, hardware merchant, same town, says: "Electric Bitters is just the thing for a man who is all run down and don't care whether he lives or dies; he found new strength, good appetite and felt just like he had a new lease on life. Only 50c a bottle, at J. W. Conn's Drug Store."
There is a gain of nearly 8,000,000 voices of cotton for 1890 over 1888.

WHAT THE GOVERNMENT ASKS.

"How, in your opinion, Mr. Hubbard, then asked the reporter, can the artificial propagation of salmon best be facilitated?"
"All that we ask," he replied, "is protection. Give us a chance to catch salmon and we will turn out enough young fish. If it is worth while to propagate on, we will do it with all the means at all, it is worth while to do it well and to the best possible advantage. The government is trying to operate this hatchery for the benefit of the state, and the least the state can do in return is to give the necessary protection to make the work a success. The state legislature should take some steps to prevent the erection of dams across the river, below the hatchery, and the close season of salmon should be extended another month."
A FIELD FOR MORE HATCHERIES.
"If the state wants to do anything beyond this, there is a good field for operating hatcheries at the head of the rivers. There they could catch the early run of salmon, which we are not able to handle as far down stream as we are here, if we were to impede their progress by building our racks early in the season they would kill themselves trying to get through. They will not stand over natural racks at the heads of rivers where the natural spawning ground, and a rack would not act as much of an obstruction to the fish coming up to spawn, then they could easily be caught. There are a number of rivers in this state where such hatcheries would prove a success."

MODES OPERANDI OF ARTIFICIAL HATCHING.
As the spawning season approaches female salmon go up streams to deposit their eggs. The males accompany them, and endeavor to make a party them. They encounter the rocks or dams built to arrest their progress, and not being able to get further, large numbers of them accumulate just below where they fall an easy victim to the fish catching nets. These are caught both in nets and with fish wheels and then are put into small pens, in which they are generally kept over night before being subjected to the spawning ordeal. The female salmon averages about five and one-half feet in length and weight about eighteen pounds, while the male salmon is found in all sizes. Some are much larger than the female, and others again are very small. An average female salmon will give about 5,000 eggs.
After the eggs are in proper shape for the hatchery they are put in wire trays that are kept in long troughs of running water. The water is pumped up from the Clackamas river, and is kept running constantly. Each day the eggs are carefully picked over and all the bad ones are removed. The spoiled ones are easily recognized by the female salmon, and are not allowed to hatch, the time depending upon the weather and temperature of the water.
After hatched, the young fish are kept about ten or twelve weeks, at which time they are able to paddle their own canoe. They are then about an inch and a half in length, and quite spry and thrifty.
The Clackamas river water being nearer the temperature of the water in natural spawning beds than the water from Clark creek, which was used until two years ago, gives better results. About 85 or 90 per cent of the female salmon are now hatched. What becomes of the female salmon after they are relieved of their eggs? Commissioner Hubbard says they all die. They die, he says, whether artificially spawned or allowed to do so in their own natural way. They never leave the spawning ground and consequently each salmon spawns but once. Moreover, the female salmon eats nothing after going up stream, and it is supposed to gradually waste away and die of starvation. The males go back to deep water and take a new lease of life."
Happy Hoosiers.
Wm. Timmons, postmaster of Idaville, Ind., writes: "Electric Bitters has done more for me than all other medicines combined, or the relief arising from Kidney and Liver trouble." John Leslie, farmer and stockman of Idaville, Ind., writes: "I find Electric Bitters to be the best Kidney and Liver medicine; made me feel like a new man." J. W. Gardner, hardware merchant, same town, says: "Electric Bitters is just the thing for a man who is all run down and don't care whether he lives or dies; he found new strength, good appetite and felt just like he had a new lease on life. Only 50c a bottle, at J. W. Conn's Drug Store."
There is a gain of nearly 8,000,000 voices of cotton for 1890 over 1888.

A Voice From The Judicial Bench.
JUDGE JOHN CHANEY, of Ocoee, Ia., says: "I contracted sciatic and muscular rheumatism in the army, and suffered most excruciating pains for years. Dr. James Roberts, of Ocoee, advised me to take Hubbard's Rheumatic Syrup, and I found it to be just the thing for me. I cannot recommend it too highly." For sale by J. W. Conn.

ST. JACOBS OIL
CURES PERMANENTLY BRUISES AND STRAINS.
Athletes' Friend is Highly Recommended. One of the best members of the Olympic Athletic Club, I sprained my knee severely and suffered greatly, but was completely cured by St. Jacobs Oil.
JOHN GARBUTT.
Pumped from Engine.
609 S. 17th St. Omaha, Neb., Nov. 2, 1890.
I jumped from an engine in collision, and strained my knee very badly. I used cases of St. Jacobs Oil, and was completely cured by St. Jacobs Oil.
G. GORDON.
AT DRUGGISTS AND DEALERS.
THE CHARLES A. WOBLEN CO., SALMON, WA.