

DR. JORDAN ON SOCKEYE SALMON

Stanford's President Explains the Very Large Run This Year.

ONLY MEET EXPECTATIONS

Why This Variety Is So Well Adapted to Fraser River Waters and Not to the Columbia.

Dr. David Starr Jordan, president of Stanford University, gave out some facts yesterday concerning sockeye salmon that will interest every one engaged in the fishing industry. The distinguished educator and fisheries expert was in Portland en route home from the north, and was asked for an opinion on the proposed stocking of the Columbia River with sockeye salmon in view of the very heavy run reported from Puget Sound. Dr. Jordan said:

"The run of sockeye or red salmon in Puget Sound and up Fraser River is this year a very large one. This was expected by all the packers as well as by all the scientific observers. There is no reason why any one should be surprised at it, as these fish are developed from the eggs deposited in the spawning grounds of the upper Fraser in 1905. In that year the run was large, probably larger than in 1909. The hatcheries were filled and all the spawning grounds covered and more than covered with breeding fish. A still greater run took place in 1901; another in 1897, and a great run may be expected in 1913 and every fourth year thereafter unless the catch should be so excessive as to leave the spawning grounds without fish."

Habits of the Sockeye.

"The red salmon, called sockeye or kishkeewan in the Columbia blueback spawns in the gravel beds at the head of some lake. The young salmon mostly spend their first year in the lake, then drift tail foremost down to the sea, where they spend the next two years, returning to the parent river at the age of four years. In the second and third year, they remain in the open sea, probably mostly on the west coast of Vancouver Island, where they feed in part and probably largely on very young crabs and shrimps. At the age of four years they return in close schools, entering the Straits of Fuca in July and until the last of August. They pass up Fraser River two weeks, more or less, after the fish enter the straits. They pass up Fraser River to the uppermost headwaters of each of its tributaries always spawning at the head of some lake. After spawning and within the course of about a week all the male and female, not one living, ascend the river or to spawn a second time.

"All the individuals of each of the six species of salmon in the Pacific Ocean die after spawning. The Atlantic salmon, which is a near relative of our steelhead trout, lives to spawn several times, as the steelhead does.

"The fish that run this year represent the eggs deposited in 1905. Perhaps as a rough guess, 10,000,000 of the red salmon will come this season into Puget Sound. Perhaps 5,000,000 of young fish drifted back to the sea after the spawning season of 1905.

"Of these 10,000,000 possibly 4,000,000 will be caught this season, July 15 to August 25 in the waters of Washington and half as many more in the mouth of Fraser River in British Columbia, towards which stream all these fish are moving."

Represent Normal Conditions.

"These great runs of 1897, 1901, 1905, 1909 represent the normal condition of the river. Between these two full years, there are three or four years in which the run is less than one-fifth the normal and steadily decreasing.

"The original cause of the depletion of the stock in these years is not known. We know that since fishing began in the Fraser, not enough fish have been allowed to ascend to fill the hatcheries or to cover the spawning beds. A lean year makes a lean year four years later, unless a greater percentage of fish is allowed to pass up the river to spawn.

"In 1906, the run was very small, and small as it was, was greatly over fished. It requires no gift of prophecy to predict a small year in 1910. The same condition held last year and will probably hold a lean year, if we understand the conditions.

"The great run is the normal output of the river. The Fraser is a clear stream draining an immense mountainous area very rich in lakes, and lakes of the kind sought by sockeye.

"The problem of protection is to limit the fishery to such a degree that the spawning grounds will be adequately stocked each year and the hatcheries may be provided with all the fish they can handle.

"For food purposes, the fish must be taken in the salt water or brackish water far from the spawning grounds. When the spawn is ripe the fish of the salmon is worthless.

Fishing Gear Not to Blame.

"It is futile to ascribe the decline of the three lean years to any form of fishing gear. In a general way, fish traps and purse seines constitute the only gear profitable in United States waters. In Canadian waters, except for a few good trap locations, the salmon can only be taken in numbers in gill nets.

"The traps catch more than the gill nets, because for reasons of geography they have the first chance at the fish. If the gill nets came first they would take the bulk of the catch. Each piece of gear is hurtful in proportion to the number of fishes it catches. In the same degree its value to its owner is in proportion to the fish it catches.

"There could be no point in doing away with any sort of gear. The trap has good qualities as well as its bad ones, and so has the gill net and the purse seine.

Limiting the Catch in "Lean" Years

"The point at issue is to limit the catch in the lean years so that salmon enough—let us say 2,000,000 at a guess—go up the river. Then the fishermen and the canner, whatever his nationality, may have the rest. The sockeye salmon are all born and bred in Canadian streams and nearly all pass through the United States going east and coming from the river to the sea. The bulk of the run passes through Rosario Straits; a few—perhaps a quarter of the whole—through Haro Straits. Northward, and the small run which passes through Deception Pass and up the Skagit River is distinct from the great run up.

"The best fishing ground for traps is along the west shore of Lummi Island, in Rosario Straits and off Point Roberts, between Rosario Straits and the Fraser. The best purse-seining ground is at the head of Rosario Straits off the south end of

San Juan and Lopez Islands. Upwards of 2000 gill nets fill the triangular estuary of the Fraser River and the shallow waters of the Gulf of Georgia, into which it flows.

Same as Our Bluebacks.

"The sockeye of the Fraser is the same fish as the red salmon of Alaska, and the same as the blueback of the Columbia. But for some reason it is a rather better fish in the Fraser. Scent and taste than in the Columbia or in Alaska. This slight difference is probably due to difference of food in the sea, not to any inherent difference in the fishes. The Columbia yields many blueback salmon, but it will never compete with the Fraser in this regard as its spawning grounds available for this species are of very much less extent. On the other hand, it has a much larger area available for the chinook or quiet salmon, which is the special glory of the Columbia."

POLICE BAFFLED AGAIN

Another Clue to Murder of Mrs. May Real Proves Fruitless.

For another time during the hunt for the unknown occupants of the "big red touring car," which ran down and killed Mrs. May Real, of 10 East Sixth street North, on the morning of August 5, the officers were baffled yesterday. A. F. Roberts, a chauffeur, who was on the Linnton road a short time prior to

PORTLAND POLICE RECOGNIZE PICTURES OF SANTA CLARA BANK ROBBERS.



Photographs of Fred Carr and Joseph Willits, the youthful bank robbers who robbed the Santa Clara Valley Bank of Santa Clara, Cal., and who said they were from Portland, were recognized by members of the police detective bureau and North End saloonkeepers as brothers formerly employed here as deck hands on river steamers. No one, however, was able to give the names of the robbers. From information obtainable, it seems they only worked here a short time and bore a bad reputation. Detective Craddock said he arrested Willits for the theft of a watch from a countryman several months ago, but he was later released because of insufficient evidence. No record was kept of the case nor was he "mugged." According to descriptions given of the pair here at the Ben Selling clothing establishment, Fourth and Morrison, instantly recognized Carr as a youth who purchased a suit of clothes there about two months ago. Both wore clothing bearing the Selling trademark.

the accident, and who asserts he passed the Red party while Chauffeur Kelly was repairing a punctured tire, was taken before Assistant District Attorney Hennessy yesterday afternoon by Constable Wagner, but was later released.

For some time Constable Wagner has been working on the theory that Roberts was responsible for the killing, and yesterday's investigation leaves the case clear.

HITS WOMAN HE LOVES

Pugilistic Affection Gets D. J. Coghlan 30 Days at Butte.

D. J. Coghlan, a mechanic, who until Saturday lived at the boarding-house of Mrs. F. Osborne, 648 Upham street, was sentenced to 30 days imprisonment at Kelly Butte by Judge Bennett in Municipal Court yesterday morning for striking Mrs. Osborne, for whom he confessed an affection, because she drew a revolver on him. Mrs. Osborne appeared in court with two blackened eyes.

"I told him," she said, "that I was an Eastern Oregon girl and knew how to use a gun. He replied that he was the fighting Irishman from Kilkenny and was the walking poor boy when it came to fighting, and then he hit me."

THIGH IS BROKEN BY FALL

Man is Hurlled to Ground While Saving Off Top of Tree.

COTTAGE GROVE, Or., Aug. 15.—(Special.) White Birch, a 65 ft tree (Special.) White Birch, a 65 ft tree

Amusements

What the Press Agents Say.

Chesterfield at Orpheum.

One of the most beautiful acts appearing in vaudeville today is the Arabian statue horse Chesterfield at the Orpheum this week. The poses of this wonderful animal are nothing short of marvelous, being prettily arranged, interesting and picturesque. This Arabian beauty has intelligence which quite corresponds with his looks.

Miss Mary Hampton & Co. at Pantages.

The vaudeville hit of the week is on the Pantages board, where Miss Mary Hampton, late Belasco star, and her clever company are presenting a complete and brilliant production of the melodrama, by Edmund Day, the author who set Broadway agog with "The Hourglass," every night this week.

Seasonal Cycling.

The three rollers are the last word on seasonal cycling, for their act, as given at the Grand yesterday, was a wonder. They use an immense apparatus, which sits in various positions, and the wheelmen ride, no matter in what angle the apparatus stands. Nothing like this act has been seen here.

Lytic Matinee Today.

There's a matinee at the Lyric today, when the popular Athol Stewart Company presents "Doris," the famous English drama with a moral that is as timely as it is great. The play is by Edmund Day, the author who set Broadway agog with "The Hourglass," every night this week.

Mr. Schell and Her Lions.

There is an attraction in the exhibition of the human will over the little creature that is exhibited at the Odeon this week. Miss Schell enters the cage of her trained lions afternoons and evenings and shows complete control. Donatelli's lion taming circus concerns with additional cost to visitors.

Pearce's for fountain drinks. Royal Bakery.

COMMITTEE WILL PREPARE FOR TAFT

Mayor Simon Appoints 15 Prominent Citizens to Arrange Programme.

PRESIDENT HERE TWO DAYS

Will Arrive Morning of Saturday, October 2, Remaining Until Evening of Following Day—Secretary Asks for Local Plans.

Mayor Simon yesterday appointed 15 of the most representative of Portland citizens, business and professional men and

NEW CHURCH STARTED

MOUNT TABOR METHODISTS LAY CORNERSTONE.

Appropriate Ceremonies Mark Step Forward Taken by Progressive Congregation.

The cornerstone of the Mount Tabor Methodist Episcopal Church, which is being erected on the corner of Church and the Base Line roads, was laid last evening by Bishop Charles W. Smith, assisted by the district superintendent, Rev. W. B. Hollingshead, T. S. McDaniel, Rev. J. W. McDougall, the pastor, and other ministers. The regular service of the Methodist Church was used. For the cornerstone a block of sandstone, 24x24x18 inches was used. In this block was deposited a copper box containing a long list of articles, which was sealed up, to be opened 50 years hence when another building may be needed.

The church will cover a space 32x60 feet. Concrete foundation walls 16 inches thick and 12 feet high have been finished. Concrete blocks will be used in the main building. Rev. J. W. McDougall is chairman of the building committee; the other members are I. S. N. Norwood, treasurer; C. Miller, secretary, and R. G. Ginn. With the furniture the church completed will cost \$15,000. It is hoped to have it completed for the opening of December 1. The church is prosperous and Rev. Mr. McDougall has been pastor for two years.

In 1853 the church was organized on Mount Tabor in a log schoolhouse. On the suggestion of "Father" Clinton Kelly it was called the Mount Tabor Methodist Church, and from this incident the name Mount Tabor was fixed to the location. Later a small structure built near the Base Line road, and in 1877 the old church building, which the new one replaced, was built. J. H. Royal was pastor in 1897 and 1898. Rev. Chauncey Hosford, who preached the first sermon in Portland, preached in the old Mount Tabor Church in 1869.

PERSONAL MENTION.

Mrs. Dr. Pierce has returned from Seattle. A. Crockett, clerk of the Holiday Hotel, Spokane, is visiting in Portland. He is out of the Imperial Hotel.

N. W. Bethel, of the engineering department of the Oregon Trust Co., is registered at the Perkins, from the Dalles.

Jay Bowerman, State Senator and President of the Oregon State Senate, is registered at the Imperial from Clatskanie. He is in support of the Republican state central committee of Indiana, is spending a few days in the city.

H. D. Norton, a Grants Pass attorney, is visiting with his wife at the Imperial.

Max Metchan, of Tacoma, is visiting with his brother, Phil Metchan, Sr., at the Imperial Hotel.

A. D. Charlton, assistant general passenger agent of the Northern Pacific, returned last night from Seattle, where he left in support of Howard Elliott and party last week.

G. W. Bibbe, Receiver of the Portland Land Office, accompanied by his family, returned yesterday from Seattle, where he has been enjoying a ten days' vacation.

Joseph Wood, of Pittsburg, Pa., first vice-president of the Pennsylvania Lines, and his party passed through Portland, where they will spend a few days at the exposition.

Walter F. Price, member of the California State Board of Examiners, was in Portland yesterday en route for Seattle. Mr. Price is on his way East to inspect the public schools in that section with a view of adopting such of their features as seem desirable for a similar institution in California. At the last Legislature Senator Price's measure establishing a trades and training school for orphan children was passed and \$125,000 appropriated for the purpose. The state at present provides for all orphan and dependent children until the age of 14. Senator Price's measure now provides an institution where such children can receive a practical education after the period in support from the state has been passed. A number of counties have offered sites for the new building, so that the full amount of the appropriation may be used for the erection and furnishing of the building. Senator Price is a resident of Santa Rosa and has been a member of the California Legislature since 1885.

CHICAGO, Aug. 16.—(Special.)—From Portland, Ralph Elliott, A. A. Malboof, and F. S. Skiff are at the Congress; Mrs. Hunt Callan and Miss Elizabeth Reidet at the Stratford.

Rail Greasers Fail to Appear.

Edward Krunkke and Charles Cross, two 12-year-old boys who greased the streetcar rails on Council Crest Sunday, failed to put in an appearance at the Courthouse yesterday, and Chief Probation Officer Reuschler set out for their late yesterday afternoon. Patrolman Larfield arrested them as soon as the greased rails were discovered, but they were released at the Police Station and carried to report to the Juvenile Court, at the Courthouse, today.

Attend Rosenthal's shoe sale.

to the steamship interests concerned, and I do not want to inconvenience them more than necessary to obtain the desired results. I should say that, if we can secure regulation that will prohibit the opening of the draws from 6:30 to 8 A. M., and from 2:30 to 7 P. M., it would better the situation immeasurably. I am awaiting, however, the report from Harbormaster Speler. I have always felt that the public is entitled to great consideration in this matter, and I intend to use the influence of my position to secure this relief."

Mayor Simon wishes also to hear from the steamship interests as to their attitude, as he realizes that they have a great deal at stake. If the Port of Portland grants the request of the Mayor for needed relief regarding the opening of the draws, it will necessitate the changing of many schedules, as there are a large number of regular passenger boats which leave in the early morning for Tacoma, Seattle, and other points, and many which return to Portland during the proposed prohibitive hours in the evening. There is a great deal of work, however, which can as easily be done at hours more convenient for the general public. It is a very common thing for thousands of passengers to be held up on the various bridges while going to their work while a slow-going tug, with a long log raft goes through the various draws.

HEYMANS IN COURT

Accused of Forgery of Girl's Death Certificate.

WILL PLEAD WEDNESDAY

Petition for Reduction of Bail of \$2000 Denied—Fled After Death of Golda W. Rowland From Illegal Operation.

Ernest G. Heymans, indicted for forgery on account of the part he played in the death of Golda W. Rowland, who is associate attorney with John A. Jeffrey, asked Judge Gatens yesterday afternoon, and will enter his plea Wednesday morning. Charles E. Lannon, who is attorney for Heymans, demanded that Judge Gatens reduce Heymans' bail to \$1000, but this was refused. After his arrest in Tacoma, but before his indictment by the grand jury, Heymans' bail was fixed at \$2500. But he was said to be out on a "straw bond," and District Attorney Cameron demanded that he be rearrested. Then Judge Bromough fixed the bail at \$2000, the amount at which it now stands.

After the arrests as to the summer in which the X-Rayium Institute was being conducted had been circulated, and Dr. William Eisen was indicted, "Dr." Heymans fled and was not caught until last month. The capture was the result of circulars and photographs scattered broadcast by Sheriff Stevens. Heymans is alleged to have signed a death certificate showing that Golda W. Rowland died September 26, 1907, of septic endocarditis, when in fact she died from the effects of a criminal operation.

Mrs. Kate Collins, accused of murder in the first degree for the shooting of her husband, Dr. Roy A. Collins, will be arraigned in the Circuit Court this afternoon. James Dunn and William Dearnis, charged with the burglary of a car of bran, were arraigned, and Lester W. Humphreys appointed by the court as their attorney. Mr. Humphreys was also appointed by the court to defend Andy Morek, who with Harry Mitchell is accused of holding up E. V. Voss, July 25. John H. Stevenson is Mitchell's counsel.

Ernest Newton, Charles Lee and Anthony R. Conrad, charged with a statutory offense against a girl less than 16 years old, were arraigned and will plead Wednesday.

L. Grey, accused of larceny in a dwelling, and T. Hazlnaka, charged on two indictments with assaulting Hannah Nakamura and K. Sakuma with a knife, were also arraigned.

ONLY \$1 LEFT TO HUSBAND

Remainder of Mrs. Kuhns' Estate Goes to Her Children.

Robert A. Kuhns, the widower of Mrs. Roxalina Jenkins Kuhns, is to receive only \$1 from his wife's estate, according to the terms of the will, which was filed for probate in the County Court yesterday. It is stated therein that when the couple married it was mutually agreed between them that upon the death of either the living party was not to claim any part of the deceased's estate.

The estate, which is worth about \$7200, and all of which Mrs. Kuhns says in her will that she owned at the time of her marriage, is to be divided equally among her five sons and daughters, as follows: Nellie Angeline Bliss, Henry C. Jenkins, Edward F. Jenkins, Jessie May Jones and Margaret E. Steele. The share of Nellie Bliss is to be held in trust by H. C. Jenkins, who was appointed yesterday as executor. Robert A. Kuhns, J. B. Curran and Calvin Jack were appointed appraisers. Mrs. Kuhns died August 8.

The estate of William A. Towles, who died March 24, was admitted to probate in the County Court yesterday. It is worth about \$5800. The will provides that a son, C. H. Towles, shall receive \$2225, and all of his grandchildren, Allen and Louis Towles, the proceeds of a \$1000 life insurance policy. The balance of the property is to be divided equally between C. H. Towles and Mabel F. Towles, a daughter-in-law.

Auto Kills Man, Owner Pays \$1000

Fred T. Wittenberg, administrator of Samuel Lauber's estate, was authorized by the County Court yesterday to accept \$1000 from James O. Elrod as settlement in full of the damage claim arising on account of Lauber's death. He was run down by Elrod's automobile at the corner of Sixteenth and Washington streets, on April 8.

Allimony Unpaid; in Contempt.

Contempt of court is the charge lodged against Louis W. Kinney for failing to pay \$3 a month alimony to his divorced

ever, they stipulated she would not make further protest to his obtaining the decree and he would pay \$3 a month for the support of their daughter, who is 19 years old.

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Some Think They Think

A Few Really Think.

Grape-nuts Food

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