DIVING FOR PEARLS BY NATIVES OF SOUTH SEAS

Descend to Depth of Twenty Fathoms Without the Use of DON'T WANT TO Appliances.

sion's ship Albatross among the islands of the South Sea has been productive of most interesting results. The pearl fishery industry of the natives is striking and unique, and appealed to A. B. Alexander, one of the commission's experts, especially deserving of notice and idy. Mr. Alexander said, in describing this peculiar industry:
"The lishery is regulated by the

French government, the lagoon being thrown open every third year at the island of Hokueru, which is the most important center of the industry. Only one lagoon is fished at a time, and in consequence all divers assemble at one place. As we arrived at the open sea son, natives from almost every island in the Paumotu group were represented. Three firms control the fishery -French, a German and an American firm. The season's fishing commenced October 5 and 55 tons of shells had been taken up to October 27. The last season the lagoon was fished, 280 tons of shells were taken out. From this amount \$3,000 worth of pearls were found. As compared to other parts of the world, where pearl fishing is carried on, it is said that this amount of pearls is small for the quantity of shells taken. Here the finding of pearls is incidental, The main object is gathering the shells.

DIVING SUITS DISCARDED "For a number of years 'machine div-

ing was carried on-that is, the men dressed in diving suits. By this process much greater amount of shells was taken out each season. Thinking that this ery, a law was passed prohibiting it which time all diving has been performed in the original way of going down naked. Diving is performed depths ranging from five to 20 faths, the average probably being 10 to 15 fathoms.

Each company employs its divers for the season; they are bound by contract to fish for no other company, and are paid so much a ton for shells, the price being governed by the quality. The shells are divided into three grades. First-class shells are worth \$1.500 to fi.800 per ton; second-class, \$1,200 to \$1,400, and third-class frequently less than \$1,000, sometimes as low as \$250. Chilean money. The prices vary to some extent year, according to supply and demand. Germany is the principal market for pearl shells and pearls, the price for both being regulated in that country, and forwarded to agents at Papeete before the season opens.

SELL TO THE WIGHEST BIDDER "All pearls belong to the divers finding them, they having the privilege of selling to the highest bidder. Usually they sell to the firm employing them. On the strength of the high wages earned, each season there is a considerable rush to the lagoon where pear! diving is to be conducted. At the time of our visit there were 3,500 natives either directly or indirectly engaged in the fishery, many of them from distant

"In moving from their homes the nabring a large portion of their household effects with them-in some cases even the houses they are to occupy. The houses are very light, made of cocoanut palms and pandanus leaves bottom can be seen to a depth of 20 parently put together in sections, and easily fathoms, and shells located. Before div-

BY USE OF "DOPE"

Horses Drugged in Many

Fast Races.

Method to Wake Up Old Skates

--- Animals Like the

"Dope."

The recent action of the racing stew-

renewed. His speed came back and he "dope" these days.

The recent voyage of the Fish Commis-, transported. The representatives from various islands form separate settle-ments, and for a distance of several miles along the beach clusters of houses and small vilinges are built among the coconnut palms. The different villages ocoanut palms. are in every way the same as if were located on the island homes of the people occupying thin, children are brought to the island, and housekeeping goes on in the usual man-Many of the women and young girls take part in the diving, and we were informed that they are equally as good divers as the men in depths not over 10 or 12 fathoms.

FOND OF GAUDY CLOTHING.

'Hesides those engaged in the fishery, many native and a few white traders deal in pearls to some extent, but chiefly in articles in demand by the fishermen. A generous portion of the wages earned by the divers finds its way into the hands of the trader. The natives, both male and female, are fond of display, and gaudy patterns of goods are purchased to a much greater extent than seems necessary.

"On Saturday hardly any work is per-During the afternoon trading formed. is extensively carried on, and in the early evening preparations are made for grand dance and good time generally Early Saturday morning canoes and cut ers begin to arrive at the main village loaded with people from all parts of the fagoon, coming to remain over Surday and take part in the festivities We were informed that it was not unusual to see 199 or more anchored in front of the village. We were advised to remain over Saturday, being promised unique entertainment

WORK AROUND CORAL PATCHES. "Pearl diving is carried on in all parts the lagoon where the water is pot deep. The right depths are found too deep. near the coral patches, many of which are awash. These coral growths vary in size from 10 to 15 feet across the top, others 100 feet or more, descending with a gradual slope, pearl shells being found around their base. Numerous corad patches are scattered along the inner rim of the atoll, at a distance thing more than a mile from the beach.

Every part of the lagoon is free to all divers, no one company having exclusive rights or privileges. Divers em ployed by different companies can work together on the same ground if they choose, and sometimes do, but us a rule they prefer not to interfere with och other

"Shortly after our arrival, arrangegrounds situated about eight miles y. We took passage in one of the small cutters employed in the fishery, and on arriving at our destination made fast to a cutter anchored over a submerged growth of coral. Two other cutters were at anchor crose by. Three divers were on one bont and five on the other one of whom was a woman. Each of the divers is provided with a waterglass, with which he scans the bottom before going down. The glass is sim-liar to that used by the fishermon of Papeete, with a notch m the side in which to rest the neck. It is 16 inches

square at the top, 12 inches at the bot-tom and 12 inches deep. By its aid the

cashed in the thousands.

All he desired was the consent of the owner to use it and a promise of secrecy.
He picked out a horse that once possessed speed, but had lost his best form, placed the needle to him and then went into the

ring and backed him. He made the book-

In recent years dope has been improved upon. It has changed its formual and is

made up of other drugs than those used by Dr. Ring.

When the use of it was no longer al-

when the use of it was no longer allowed by the turf authorities the "needle" was discarded and the "ball" substituted. The use of the syringe left a tell-tale mark behind. Wherever the needle en-

tered the flesh puffed up and remained in that condition until the effects of the

drug had worn off. It was this sign that paddock judges searched for when looking for horses that were supposed to be

The drug is now given in a "ball." It

"Dope" cannot make a horse that never

is not so dangerous to those who use it, and it does not leave a trace of its ex-

beat his field in a gallop.

makers pay his fee.

istence behind.

through the glass. By locating a clump of shells before going down, much labor is gaved. Instead of the diver exhausting his energy in diving at random and searching the bottom, he goes directly to the spot where the shells lie. At other times, in shallow water, he goes down to explore the bottom. way clusters of shells are located before any are taken.

CARRY A NET FOR THE SHELLS. "Before descending, the divers situation on deck for some little time inflating their lungs to the fullest capacity exhaling the air through the making a low whistling sound. clothing is worn except a breechcloth. Over the shoulders is carried a bag not In which to put the cheils. In the left hand is carried a peart shell, which serves the same purpose as a knife. With it obstacles are removed from the bottom and shells loosened from their The right hand is protected by a white cotion mitten; sometimes cotton cloth is wound around the hand.

"When ready to descend the diver to the rail with one hand and with a waterglass in the other. Locating some particular point at the bottom, he lets go of the rail, drops the glass, takes a teep breath and sinks out of sight, feet Descending about ten feet, quickly turns head downward and swims to the bottom. A water-glass distinction liscloses every movement, his brown body forming a striking contrast to the clear water and variegated colorings of the bottom. When hardly a third of the distance has been reached be has the appearance of being on bottom, so transparent is the water. On reaching it he places himself in a horizontal posinormingly haultag himself along from one point to another. For some time active diving was carried on in comparatively shallow depths, from 10

to 12 fathoms. METHOD OF DIVING.

"One man consented to give an exhibition dive in deep water. The cutter was drepped off a short distance from the shoal and a sounding made in 17 fathoms of water. We watched through water-glasses the divers movements from the time of sinking below the surface until rising to the top again, two minutes and forty seconds. One shell was brought up. Long before reaching the bottom we thought it would be impossible for him to accomplish the feat, but in this we were mintaken. ing his destination, he began picking over pieces of coral, brushing aside stones, broken shells, etc., in the same manner s if he were at work in a gorden. He avestigated the bottom some 60 or 7 feet from the initial point of landing When ready to ascend he stood erecand came up as if being pulled with con spierable forces shooting out of water half way to the waist. He seemed to suffer no unusual discomfort, and in a short time was ready to go down again.

There is a record of a dive of 23 fathoms. The length of time the diver remained down we did not fearn.

"The loats employed by the natives re curious in design, being counterbalanced by a side timber so as to avoid heing upset. This method, though ap-parently clumsy, is, in reality, very ef-

Commissioner.

A Resolution Was Passed Suggesting to Dealers a Plan to Avoid Trouble.

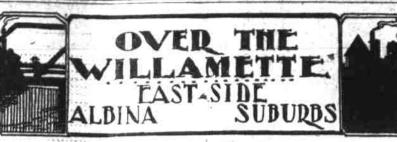
possessed speed run fast. What it can do and what it does is to revive in an old horse that once possessed great speed, but who has become sour and ill-tem-

A very important matter came up last night relative to unfair goods. In many instances, it seems, that firms have con-

was passed last night:
"Whereas, it is the universal custom for

The steamship Elder arrived in port at 5:30 o'clock last evening from San Francisco with 800 tons of general merchan-She is expected to start out on the return trip next Wednesday, and will

Captain Wallace, first officer of the Elder prior to the tieup, has accepted a position as pilot in San Francisco Bay. The Columbia left down the river at



INCORPORATE

Montavilla Residents Say They Are All Right.

VOTE WAS 17 TO 7 AGAINST

Most of the Speakers in Favor of Coming Into City of Portland.

If Dr. William Device secretary of the Montavilla Board of Trade, had been present at last evening a mass meeting of the residents of the suburb to con oder the incorporation propert, he would as the saying goes, "be maded to death

It was about 8:15 o'click when about of the residents of the Villa, bringing their dark lanterns along took their seats in Aylsworth Hall. E. M. Stevens was selected as chairman for the meeting, nd W. A. Aylsworth unan mously chosen as sceretury.

The chairman, in calling the meeting to order, stated that the only purpose of the evening was to decide whether the residents of the Villa wanted to incor-

ALL RIGHT AT PRESENT Dr. O. S. Murray, being called upon to express his senuments, said.

"I think that we are doing very well at present, and it is very well to leave well enough alone. I don't want to be annexed to the City of Portland, and would much prefer to organize a city of or own. If the Villa had incorporated eight or nine years ago, I feel very sure that we would have been much better off in the way of improvement than we are a present. When the Villa was first started we organized a company with \$2.000 capital stock in shares of \$50 each for the building of a water system. The well was dug about 250 feet deep and Then some people ome pipe was laid. besided that they did not want an Incorproject was dropped and a monopoly sered control of the water system.

I understand that a bill will be resented before the Legislature to take the Villa into the City of Portland, and the that part of Multneman County ly-ing as far east as Russellville, and I want to see the city incorporate before they can get a chance to take us in against our will."

BARRINGER IS AGAINST PROJECT. George Barriager, a prominent resident. spoke against the incorporation project, and said that he thought the Villa all "The streets of the Villa," said Mr. larringer, "are in better shape than nine-tenths of the Portland thorough-

AYLSWORTH FOR, SCHNIDER AGAINST. W. A. Aylsworth, the Base Line gro cer, spoke in favor of the incorporation scheme, and said he thought that Montavilla should vote to become a city

by itself, rather than be forced to cominto the City of Portland, as would be when the Legislature meets. Capt. H. Schnelder thought that every thing was lovely in the suburb, and didn' think that the residents could afford to

put on city airs, at least not for the present. A number of other residents spoke, both for and against the proposition, and finally a motion to incorporate was put before the meeting. Some wrangle was held whether a secret ballot or a rising vote should be called for, and the question was finally settled in favor of the former. The vote being taken, the re-

sult stood 17 to 7 against incorporation. To Extend Railway.

The survey for the newly selected extension of the Oregon Water Power & Railway Co. to the Mt. Tabor reservoir has been completed, and everything is in readiness for the building of the road as soon as the weather permits. new extension leaves the old line at Hawthorne and Euclid avenues, down the latter thoroughfare south to the of L. M. Myrick, thence east and south to the reservoir.

New Grange Organized.

At a called meeting of the residents of Rockwood Tuesday, a new grange of the Patrons of Husbandry was organized, with a charter list of 60. The election of officers resulted in the selection of H. Crane as master and Mrs. Viola Love ace as secretary. The new grange will hold meetings the third Thursday is each month. At the next meeting the flewly elected officers will be installed.

For Street Cleaning Bee.

President M. E. Thompson of the Central Albina Board of Trade will bring the matter of street cleaning before that hody at the next meeting. President Thompson says that for about a year the streets in Multnomah Addition have not been cleaned by the street department, and will suggest that the members of the board take up the matter and appoint some day when all the members will turn out and make a clean sweep.

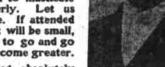
Pleasant Surprise Party.

A very pleasant surprise party was tendered Miss Gertie Stopper at her home, 145 Shaver street, Albina, Wednes-day, avening, about 30 of her yearing. friends being in attendance. During the evening an excellent literary and musical program was rendered, and refreshments served.



Did You Ever Stop to Think

How much more you would enjoy your meals if your teeth make it difficult to masticate the food properly. Let us stop this trouble. If attended now the cost will be small, but, if allowed to go and go the cost will become greater. Teeth extracted absolutely WITHOUT PAIN.





Dr. W. A. Wise

WISE BROS., Dentists

208, 209, 210, 212, 213 Falling Building, Both Phones: Or. South 2291; Col. 368, Cor. Third and Washington Sts. Open evenings till 9; Sunday 9 to 12.

STATEMENT OF THE CONDITION OF The United States National Bank

Of PORTLAND, OREGON, At the Close of Business, Nov. 25, 1902.
 Loans and Discounts
 \$1,103,130,71

 U. S. Bonds to Secure Circulation
 50,000,00

 U. S. and other Bonds
 189,859,00

 Real Estate
 35,309,64

 Office Furniture and Fixtures
 6,995,00

 Bank Building
 125,000,00

 Cash and due from Banks
 787,177,69

\$2,297,463.04 LIABILITIES.

 Capital
 \$ 300,000.90

 Surplus and Undivided Profits
 54,357.80

 Circulation
 50,000.00

 Individual Deposits
 \$1,570,091.83

 Due to Banks
 323,013.41
 1,893.165.94

\$2,297,463.04 J. C. AINSWORTH, President. The above statement is correct.

TO GET CAR SHOPS

Sellwood Board of Trade Raises Bonus for That Purpose.

At a well attended meeting of the Sellwood Board of Trade last evening the committee on the securing of a bonus for the removal of the Oregon Water Power & Railway Company from Milwaukie Sellwood, reported that the sum of \$1,500.15 had been subscribed.

The water power committee made the following report: That between the junction of Johnson and Crystal Springs Creeks and the boundaries of Sellwood there was a fail of eighteen feet. It was estimated that at least 300 horse power could be secured from this faft for manufacturing purposes. The committee re-ported that there was enough available land in the vicinity to establish several factories. The Oregon Water Power & Railway Company are now making prep mutions to boild as Springwater branch Arrisans, gave a dance at their scotling through this property. President Don- hall the other day, which was largely augh referred the matter to J. W. Campbell. James Mallet and W. M. LaForce, ing condition, new members being taken the permanent committee on industries.

To Give Entertainment.

F. C. MILLER, Cashler,

A combined committee from the Central Albina Board of Trade and the Ladles' Auxiliary is at work arranging details for an entertainment to be given in Gomez Hall, on Russell street, about December 15. The funds will be used in the purchase of gymnastic equipment for the Boys' Brigade Hall, kindly donated to the young people of the neighborhood by Capt. Hamilton.

Stole Bicycle Wheel.

Some one stole a bicycle from in front of the Burkhard Building, on East Burnside street. Thursday evening while the owner was visiting in the building. Po-lice Officer Joseph Reising found the biyele lying on the bank of Sullivan's Gulch, the rear wheel with its coaster brake being missing. There is no clug

Rockwood Artisans Dance,

Rockwood Assembly, No. 206, United attended. The assembly is in a flourish-



On Candidate for Labor

At the meeting of the Federated Trades Council last night, when the ballots containing the names of the caudidates for the proposed office of labor commissioner were presented, that body cast a blank. meeting whether or not the council had a legal right to vote, and by casting a blank was thought to be the best way

manufacturers when making contracts with their agents or dealers to Insert a clause 'subject to strike,' which has the effect of abrogating the agreement; and "Whereas, This often leaves the agent with unfair goods, which he is under contract to take, thereby working a hardship on his business when these goods be-

labor to avoid working any injury on its friends, therefore, be it "Resolved. By the Federated Trades

8 o'clock last night with a full cargo.







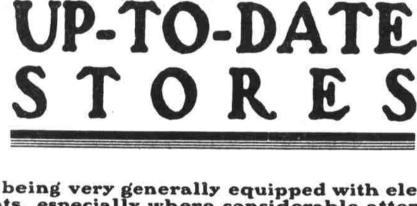












are being very generally equipped with electric lights, especially where considerable attention is given to display. The store which has not a goodly amount of illumination is now-a-days regarded as a back number. Proprietors of the nost prosperous stores will tell you that plenty of good light

Is Necessary

and that there is no light equal to the electric for convenience, cleanliness and effect. In the show window, a light is desired which is free from deposits of soot or moisture, a light which can be turned on without climbing in or even opening the sash. The Incandescent electric lights fulfill these conditions perfectly and will help you

To Make a Prosit

by bringing more customers into your store. If you once get the customer in and the goods are right the business is half accomplished.

PORTLAND GENERAL ELECTRIC COMPANY

PHONE US AND WE WILL SEND OUR SOLICITOR

Seventh and Alder Sts.



