

**TO THE MOON, 38 MILES.**

**Such Will Seem the Distance Through Paris Telescope.**

The huge block of crystal which will become the mirror for the great telescope has safely arrived in Paris. If all goes well the exhibition of 1900 will be able to boast of a distinct feature. Whether the moon's features will be equally distinct is another question. Professor Loewy thinks not, but M. Deloncle is still determined to carry through his idea.

"The moon one yard off." It was thus the scheme of the gigantic telescope was spoken of in the paper, but M. Deloncle, however ambitious he may be in Central Africa, protests that he never had so preposterous a notion. He claims that it will be possible to throw on to a screen views of our satellite brought within a distance of 38 miles. This remains to be seen. However, everybody will wish M. Deloncle, and still more especially his shareholders, every success in what one must still regard as an experiment.

The new telescope mirror is the largest ever made. It was cast at Jeumont, a manufacturing place, and the last French station on the line to Liege, Cologne and Berlin. This splendid block of homogeneous crystal weighs 3000 kilograms. Its diameter is 2.05 meters, and its present nearly rough state cost \$4000. Of course it was conveyed to Paris in a special train. It was wrapped up in heavy felt blankets, protected by hoops of soft wood, with metal tires, mounted on pivots. Thus packed, the mirror was tightly wedged in a case that was placed in a wagon on a bed of hurdles and layers of hay.

For greater safety, the train stopped only once, at Terguier, and went at as slow a pace as a royal train, escorted by a railway inspector. It was insured to its full value. The same afternoon it was removed from the northern terminus to the workshop. The mirror, before leaving Jeumont, went through a second grinding of its faces, being as smooth as fine plate glass. But for telescopic purposes this sort of smoothness is roughness itself. The finishing process will take two years and six months, and by more expeditious processes than any hitherto in use, which, moreover, will give greater accuracy than anything known.

Hitherto astronomical mirrors and lenses have been polished by hand by slowly rubbing the glass with the naked hand, sometimes, but not always, moistened with oil, albumen and other substances, which are the maker's secret. The drawback of the process is that the mere heat of the hand may cause the surface to warp.

The new mechanical process, of which particulars are not given, will produce a surface approaching a true plane, within one ten-thousandth part of a millimeter. Even this marvelous finish will leave a margin, astronomers tell us, for errors. The whole finishing process will cost \$9000. The silvers will not cost anything to speak of.

The mirror will be mounted on two arms 10 meters long, and will be set in motions by machinery of the usual sort. The rays gathered from planetary space will be reflected horizontally through a mammoth tube 60 meters long, laid on piles of masonry. The lenses of flint and crown glass will be one meter and 25 centimeters, the largest in the world, and the images enlarged 6000 times will be thrown on a screen, which thousands of people will view at a time.

The moon will, it all goes well, be brought within 38 miles, but it is most doubtful whether images on this scale will prove correct. M. Loewy, the assistant director of the Paris observatory, who has submitted some splendid photographs of the moon, believes that the limit of 34 miles he has reached is the utmost practical for a long time to come. Larger images will be indistinct.

**DOUGLAS COUNTY'S LOSS.**

Along with the depression consequent upon the election of Cleveland 4 years ago, precipitating upon us the most distressing condition of finance in the history of the nation in times of peace, providence this year seems to second the distress. The fruit industry of Douglas county has been yielding its products and helping pull us out of "the slough of despondency" into which we were financially mired. But the elements are against us this year. It has destroyed the prune crop, to the great injury of the people of this county in the loss of at least \$90,000. The loss at this time will be sorely felt, for that amount of money distributed here would pay debts by circulation of at least three times that amount, or \$180,000. But undismayed the people of Douglas are determined to press on with high hopes in the future. It is not likely another such calamity to the fruit interest will occur again in the next twenty years.

Then too, every business man, farmer and laborer are anticipating better times after the pending presidential election. They reason logically that a change in administrative policy—and change it will—will be for the better. It can't be worse.

**He Got in by Three Votes.**

Mr. Virgil Conn, of Paisley, Lake county, representative-elect from the joint district of Lake and Klamath counties, is among visitors in Portland, attending the Masonic grand lodge. Mr. Conn had a narrow escape from defeat at the polls. In fact, he got in, as they say, "by the skin of his teeth," his plurality being only three over his populist competitor. Rather a close call but he got there all the same.

Mr. Conn is a Douglas county man. He was for a long time a resident of Roseburg, and consequently our citizens feel considerable interest in his success and rejoice somewhat to learn he has been re-elected to the legislature from his district.

**BRIEF MENTION.**

From Friday's Daily.

A. A. Smith of Oakland is in the city. T. G. Donnell of Wilbur is in town today.

Theo. Bernheim of Portland is at the McClallen.

J. H. Wilson of Elkton is a guest at the Van Houten.

B. Brockway went to Portland on the local this morning.

The republican national convention meets June 16th.

J. E. B. Cartwright went to Salem today on a mission to the asylum.

Miss Sadie Cole of Dunsmuir, Cal., is a guest at the McClallen.

C. E. Settle and wife of Oakland are registered at the McClallen.

E. G. Trowbridge of Camas Valley is registered at the Van Houten.

A. E. Maltby, the Oakland attorney, is in the city today on legal business.

G. Goodman and A. Nelson of Coquille City are in the city today.

Born, in this city, July 12, 1896, to the wife of Henry Denn of Camas Valley, a son.

Mrs. Beckly and daughter, Miss Grace of Oakland are guests at the Van Houten.

Raymond Brumbaugh and S. L. Jones of San Francisco are guests at the McClallen.

Minnie McCloskey and Dolly Davis of the Ashland Normal are registered at the Van Houten.

Wollenberg & Abraham will soon move into the Brooks building with their mammoth stock of goods.

Judge Willis went to Portland on the local on legal business and to see that the races tomorrow are legally conducted.

Chas. Luther Roberts was adjudged insane yesterday by the authorities here and sent below on the local this morning.

A local play, written by a lady in Marshfield, will be presented by the Stutz Theatre Co., Saturday night.—Coos Bay Mail.

W. W. Cardwell went to Portland this morning to attend the races tomorrow in which he is interested. Black Alder and Free Coinage will compete for the purse.

The rank and file of God's Regular Army shook Roseburg's dust off their feet this morning and left for Grants Pass to the no small delight of this community. Our gain is Grants Pass' loss.

The North Bend mill is saving an order of 750,000 feet of lumber for the Australian market. It will be shipped direct from here to its destination on the Novelty, which is at present on her way from a foreign port.—Coos Bay Mail.

The Krag-Jorgensen rifle, now in use in the United States Army, will discharge forty shots a minute within a radius of 3,000 yards. Its penetrating power is six times greater than that of the old Winchester or Springfield.

An attempt is being made to have the road between Marshfield and Newport improved by covering it with burnt fire clay, so that it can be used all the year round. The experiment on the Marshfield-Empire road has proved a great success, and has solved the possibilities of good winter roads for this section.—News.

J. L. Mitchell, Deputy Supreme Commander of the K. O. I. M. for Oregon, who has been in the city arranging to place the order more prominently before the public, leaves tonight for Grants Pass, where he delivers an address Saturday night at the Opera House on "Fraternalism." He will return here in time for the Maccabee entertainment to be held June 29th.

Tom Ward of Warden is at the McClallen.

Hon. J. T. Bridges of Drain is in the city today.

J. S. Bishop of Eugene is registered at the McClallen.

Wm. Irvin of Ten Mile is in the city today on business.

T. J. Yearhough of Krain is registered at the Van Houten.

C. B. Rowley of Garden Bottom is registered at the McClallen.

C. P. Barnard of Deer creek is registered at the McClallen.

J. W. Rees of Looking Glass is registered at the Van Houten.

Chas. Trimble of Grants Pass is registered at the Van Houten.

W. Kramer, the miller at Myrtle Creek, is in the city today.

Hon. P. Cooper of Roberts Creek came down from his ranch today.

Miss Regina East was taken suddenly ill last night but is reported better today.

Miss Rose Parrott closed a very successful term of school at Clover creek Friday.

McKinley will be the next president if the signs of the times are an index to coming events.

Mrs. Chas. Graham who has been at Portland attending the Grand Chapter, O. E. S. returned last night on the local.

This campaign will settle the tariff question, but the solution of the money problem may have to be sought later on.

At the sheriff sale in the case of C. K. Hill vs. G. W. Peters et al, the property was bid in by Eva F. Hamilton for \$247.75.

Mrs. Will Madison leaves on tonight's overland for Astoria, where she goes to join her husband who is now in business there.

The team of Oak Camp, W. of W., go to Oakland tonight to assist in initiating several new members into the mysteries of that order.

S. K. Sykes has accepted a position with the Chambers Hardware Co. of Eugene. Sam is an adept in the hard-

ware business, and Roseburg's loss will be Eugene's gain.

Mrs. W. G. Howell, who has been visiting relatives in this city for the past two weeks, left for her home in Astoria on last night's overland.

J. S. Hunt of Oakland made the PLAINDEALER, a pleasant business call today. Mr. Hunt is a zealous McKinley man and predicts his nomination at St. Louis on the first ballot.

The North Umpqua river at Winchester is fairly alive with Chanook salmon. Fishermen are having great sport catching these fish with hook and line, as they are biting quite readily.

One of the nicest places to spend an evening in the city is at the bicycle track of T. K. Richardson. There is ample seating room for all who attend and in good view of the track. Mr. Richardson is to be complimented on his efforts in this line and should be encouraged.

The old pioneers of Multnomah will assemble June 16th to celebrate their advent in Oregon in the early forties and fifties. This convention is looked to with much interest. Joaquin Miller, the poet, will read a poem prepared for the occasion, which it is expected will be one of his best productions.

Miss Winnie Simpson of Garfield, Wash., makes quite a snug amount of pin money by shooting squirrels. She handles a gun to better effect than many of the men in that region, her average being thirty squirrels a day. She also distinguished herself lately by winning the first prize in an oratorical contest open to both sexes.

The K. of P. band has been engaged to furnish music for the Fourth of July celebration at Fort Jones, Siskiyou county, Cal., and the Roseburg Orchestra to furnish music for the grand ball. The two organizations are so well and favorably known that comment is unnecessary, but will say that Fort Jones has done well in making this selection, for these organizations are known to be the best in the state.

At the regular meeting of Rescue H. & L. Co., No. 1, the following officers were elected for the ensuing year: L. Wimberly, president; F. M. Zigler, vice-president; C. Y. Benjamin, secretary; H. Marks, treasurer; F. W. Haynes, foreman; L. H. Zigler, 1st assistant and S. L. Kidder, 2nd assistant. The nomination of S. K. Sykes for chief engineer was endorsed and C. A. Parry was nominated for assistant engineer.

The latest novelty in the way of a church entertainment was a "baby banquet." The experiment was tried recently at Peru, Ind., with great success. Thirty or more infants, ranging in size and age from those in long dresses just able to sit up, to the more advanced, who knew in what direction to reach for the best things, were seated around a table with plenty of attendants to gratify every wish of the little guests, and the affair was pronounced "just too sweet and cunning for any use in the world."

**Military Drill.**

The military drill of the O. N. G. at the Armory Saturday night, was very fine. The boys in blue went through the evolutions in superb style. The officers in command were, Capt. F. B. Hamlin, W. C. Hildebrand and Fred Haynes. There were a large number of lady as well as gentlemen spectators, all of whom seemed delighted with the maneuvering, especially the ladies. Some of them doubtless had sweethearts soldiering and of course they were delighted in the proceedings.

In the competition drill there were three prizes. One each for the best drilled squad, the best drilled corporal and the best drilled private. The first prize was a handsome silk banner, made and presented by the W. R. C. The second and third were presented by the G. A. R. The second and third prizes were presented by Rev. G. W. Black to Corporal F. S. Godfrey and private John Moffit, accompanied by a few very appropriate remarks. The response was made by Corporal Clair Home. The judges chosen for this occasion were Col. Thos. Gibson, S. C. Flint and John Hamlin. The company was drilled in turn by Capt. Hamlin, Lieutenants W. C. Hildebrand and F. W. Haynes.

After the drill evolutions the squads were drilled by Sergeants Slocum, Frater and Carroll. After this and while the judges were deliberating on their decision of awards for the prizes, Judge L. Longhary and Hon. C. A. Schilbrede made very appropriate speeches of a patriotic nature and laudatory of "A" Co., O. N. G.

The judges decided that second squad under Sergeant Frater was entitled to the banner, and the same was presented in a neat little speech by Miss Mabel VanBuren assisted by Miss Regina East. The response was by Lieutenant Haynes. After the drill, speeches and responses a social dance was indulged in for a while and all passed off in a very agreeable manner. And so ends this pleasant episode in honor of the O. N. G. of Roseburg.

The addition to the M. E. church will greatly enlarge its seating capacity. The pulpit will be placed on the north side of the present auditorium with room behind for the choir. The south side where the L joins the main building will be removed nearly the full width of the L with folding doors so that when occasion requires it the entire seating capacity may be used. At other times these doors can be closed leaving the old auditorium nearly as now. The work is progressing finely and will be in readiness for occupancy in a short time. In addition to the L proper there is a side room off from the east side of the L for a class room and wood house. The site of this church is one of the pleasantest in the city and when these improvements are completed it will be one of the neatest and most comfortable church houses in the city.

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