# YERKES TELESCOPE.

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### FIRST OBSERVATIONS THROUGH THE WORLD'S GREATEST LENS.

-Old Ideas Are ( outirmed.

ever constructed.

Wadsworth, of the observatory staff, to against the rear wall, on which are a get the first glimpse of the moon few glasses and bottles. The bartendthrough the Yerkes telescope. E. E. er, who is evidently new to his busi-Barnard was the next member of the ness, apologizes for the whiskey, which

soen through the Yerkes instrument," two-for-five or five-cent sort that strain of the Parislan astronomers."



#### THE YBRRES TELESCOPE

The reported discoveries at French observatory aroused the inter- as on every night. This plano is the +est of the astronomers who are gather- only one in town, and its arrival is .. of them is ready to give any indorse- women in the place are not even of the mont of the theory that life prevails painted sort; even paint might have in any form in the moon.

with large ones," said George E. Hale, asm. director of the Yerkes observatory. "Professor Loewy, director of the Paris observatory, has undoubtedly made she best photographs of the moon, but who best photographs ever made will rthrough a twelve-inch telescope. The

### WICKEDEST A Wige-Open Town for the Klondike Gold Hanters.

There is no shady side to life in Skagway; everything gues on in broad

LIFE IN SKAGWAY.

No Sign of Life Discovered on the Moon daylight or cardle-light. After supper every tent is lighted up, and the and the Theories at French Astronomers streets are crowded with muddy men Discredited-The Planet a Barren Waste in from the Klondike trail. The "Pack Train" is filled with people, Neither water, nor air, nor vegeta- friends, who are drawn hither, like stion, nor evidence of his in any form mysell, by the speciacie. The tent of can be seen on the moon through the this, the biggest saloon in town, is Yerkes telescore, at Williams Bay, thirty by fifty feet. Entering through Wis, which is the most powerful one a single door in front, on the right It was the good fortune of F. L. O. twelve feet long, with some shelves hand is a rough board bar some ten or

staff to look at the far away planet. The moon is a magnificent sight sells for twenty-five cents. Cigars of a

said Mr. Barnard. "One can see an one's suction powers to the limit are enormous number of small details nev- sold for fifteen to twenty-five cents er seen before, such as small craters each. They keep beer, also, on tap. and minute crevasses, but there are no After the lecture we received on the traces of air or vegetable life to be desteamer from the United States custected. It is possible that the lines toms officer, we are at a loss to unfound on the photographs taken at the derstand how whiskey can be sold Meudon Observatory, in France, might openly under the very eyes of the offibe crevasses. I don't pretend to say cers. But that is a story by itself. what they represent. I only know Along each side of the tent are threethat the observations taken here fail to card monte. .ouge et noir and other sive any confirmation of the theories lay-outs, but not a fare lay-out in the place, nor in the town. The gamblers are doing big business.

A. big strapping fellow in a yellow Mackinaw jacket trying his luck at craps is pointed out to me as having just come over the trail from Klondike. Whether he had any dust with him I cannot learn, but he was in fine health and spirits. Every man I have yet seen from Klondike has had a spiendid complexion, and seems strong and robust. This fellow has a voice like a lion's, deep and resonant. Surely the Yukon cannot be so terrible if it does this to men, or else its tale of death is that of the weak and sickly. As they used to say of the Kanakas, they were all strong and healthy, because they were thrown into the water by their mothers almost the day they were born-consequently none but the strong survived.

Across the street the sound of a piano and the moving figures of men and women through the windows rethe mind one that there is a dance to-night covered up some of the marks of dissi-"There are just as good photographs pation. Clumsy boots beat time on a

taken through small instrumer s as dirty floor, but not with much enthusi-

A Phomograph for the Sick Room. Mr. Simons, who lately passed through a period of mitical illness, is now convalescent, although still unarnot show as much as can be seen ble to leave the hospital. ilines noticed in the photographs of the entertainment a friend While he was fretting over a lack of thought of the moticed, and no astronomer has yet into a private room at the hospital "ventured to assert that they represent and a phonograph with a megaphone attachment was put to work for his Yerkes Observatory were described in time and listen to brass bands, comic orators and vaudeville singers, and, although he would have preferred a entists of Paris are: - Are there water joyed the entertainment very much. real performance in a theater, he en-One of Simon's friends gave a dinner party and he received an invitation. " have supposed to be a dead and cal- he could not attend. But the couralesisphere taken in the new observatory fun. He sent a phonograph to the dincent was not to be robbed of all the ner party and had the stories and the ings and shadows that have never be- laughter and the music recorded on the cylinder and he got them all second-hand next day. Then he had a phonograph sent to his office, and it i taught his own son to drink and cafar as concerns physical astronomy, took the street noises and the talk of rouse with the disreputable people who is said to be the best equipped in the his employes, and when he heard these world, and has the largest double he was homesick for the roar of wheels relescope arranged for taking store- on the granite blocks - Chicago Record.

# KING.

DIBREPUTABLE ANNALS OF MILAN, SERVIA'S FORMER RULER.

The Descendant of a Swine-Herd, Who Betrays in Every Action His Low Origin-Became So Obnoxious That the Servians Paid Bim to Abdicate.

Milan of Servia is the wickedest king that ever was. Other kings have been bad, but an analysis of their history always shows some redeeming quality. Milan has none and doesn't want any. Leopold of Belgium is a wicked old sinner, but he is a respectable member of society compared with Milan.

Milan has just inherited a fortune, which brings his unsavory name again before the public. In the days when Madison was President, the peasants Miloch and Yephrem, two brothers, were swineherders on the Servian hills.



#### EX-RING MILAW. 'Black George," another peasant, was eading a revolt against the Turkish rule. The Turks overcame him and he

was forced to fly. When he came back to Servia in 1817, he found that during his absence Milosh, the swineherd, had made himself the leader of the Servian national party. The Servians wanted to reinstate Black George, but Milosh was in politics to stay, and had George assassinated. After many vicissitudes. Servia gained her independence and the royal house of Obrenovich was established on the throne.

Michael, the last descendant of old Milosh, was assassinated in 1868 by an emissary of the family of Black George In revenge for the murder of that leader by Milosh, and Michael's cousin, Milan, the grandson of Yephrem, be amy the reigning Prince. Milan inhoritod all the coarseness of his grandfither, the swineherd, without any of his redeeming traits. On his low and depraved nature he has ingrafted all the vices which the nineteenth century ould furnish and, now, at the age of 43, when he should be in the prime of life, he is a burnt out debauchee.

## THE WHITE SHARK. A Voracious Creature That is the Terror the Mediterraneau.

The white shark is a well known scourge of the Mediterranean sea and the Atlantic ocean. 'inis is the creature so detested by sailors, who, when they have caught a "shirk." subject it to every possible indignity.

This voracious creature has been known to swallow an entire man, and as it is in the habit of lurking around ships for the sake of the scraps thrown overboard, and almost invariably swallows whatever is cast over the side, the contents of its stomach are often of a most heterogeneous description. The sailors always amuse themselves by seeing what the shark had "stowed away" and the substances thus brought to light have been most curious. The entire contents of a lady's work basket, down to the scissors, were found in the interior of one shark, and another had actually swallowed an entire bull's hide-a circumstance which led the operating sailor to remark that the shark had swallowed a bull, but could not "digest" the hide.

The amphibious South Sea Islanders stand in great dread of the shark, and with good reason, for not a year elapses without several victims being offered to the rapacity of this terrific an- things in Books by Catholic Authors. imal. Nearly thirty of the natives of the society islanders were destroyed at one time by the sharks. A storm had so injured the canoe in which they were passing from one island to another, that they were forced to take refuge on a raft hastily formed of the fragments of their canoe. Their Phone 1418. weight sunk the raft a foot or two below the surface of the water, and, dreadful to say, the sharks surrounded them and dragged them off the raft one by one, until the lightened raft rose above the water and preserved the few survivors

A TENNYSON MEMORIAL.

### An Ionic Cross Erected on the Isle of Wight

as a Beacon. An Ionic cross in memory of Tenny son has been erected on Freshwater Down, Isle of Wight, in place of the perishable wooden beacon which hitherto marked that headland. It was in 1853 that Tennyson purchased the famous house at Farringdon in the parish of Freshwater, the place being fitly described in the words of King Arthur

# It lies Deep meadow'd, have fair with orch-ard lawns

And bowery hollows crown'd with summer sea.

His favorite walk was along the lofty ridge of down, overlooking the bay, the highest part being marked by a rude beacon at that point, where the cliffs rise 483 feet above the sea level.



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Meudon observatory have always been wative rivers.

The discoveries by French scientists benefit. mentioned by the scientists at the a recent letter from Paris, which said

tell part: "The questions now agitating the sci-

scand air on the moon? Do rivers and vegetation exist on the satellite of the

earth, which for years astronomers - cined world? Maps of the lunar planseat Meudon show peculiar lines, markfore appeared in telescopic pictures of the moon's surface.

"The new observatory at Meudon so oscopic and photographic views that

Thas ever been made. The new wientablishment at Meudon will great-

ly facilitate the preparation of the detailed lunar photographs, which the observatory hopes to have ready in s hibition, which, it is calculated, will be - of such a power as to bring the moon

y to an apparent distance of forty miles. "The photograph is also the largest ever taken. Already astonomers are vividly interested in certain lines and

raised of the existence of air, water and vegetation on the moon, which macience up to a few months had proa nounced a dead planet.

"It seems that a minute examination reveals a number of narrow and windt ing lines, having every appearance of s a river seen from a balloon at a height of four or five miles. They seem, how-> ever, to be larger at the source and to a grow narrower as they progress. Yet r there are several terrestrial rivers like that, having their origin in a big lake

and flowing through arid regions. "It is on these indications that the presence of water in the moon, and consequently of an atmosphere, is be-

Wis 5,000th Sermon.

The Rev. Arthur Robins, chaplainthe Prince of Wales and to the Household Brigade, recently preached his 5.000th sermon at Windsor. In cele-" bration of the occasion, his parishionthe neve presented him with a com-Dite set of clerical robes.

#### Horring Nets.

According to Lord Tweedmouth, the area of the herring nets used in Scot-Land one year was no less than 164,000,- CAmong the most nemarkable works

the globe.

One Man's Elg Meart.

and in ondon was described as hav- some had to be carried 350 miles, while the iron poles were taken an while the iron poles were taken an average distance of 400 miles by land. Over 2,000 tons of material had to be over 2,000 tons of material had to be modeling or by over exertion, such as carried into the interior, and the total ts when areing

# Salt for British Tars,

It is only within the last two weeks that the British admiralty has sanctioned the use of salt in the bluejacks time for the exhibition of 1900. At the if the English sailor felt the need of c. same time a monste, telescope, 200 feet salt he had to purchase it, and it was entirely omitted from the list of condiments supplied to him by the state. The reason for this was that in the old

consisted almost exclusively of salted meats, and under those circumstances as spots on the new photographs, which ted an irritating superfluity. But in have again caused the question to be these modern times "salt horse" has become a thing of the past, and with rations composed of either fresh meat or canned food salt is not only a desirable seasoning, but a necessity, the ab-

sence of salt from food being extremely detrimental to the health.

Out of an Old Sorap Book.

If your tongue be in good condition for doing a little acrobatic work, try reading the following word curiosity aloud. It may be familiar to some of you, for it is one of the treasures dug up out of an old scrap book:

If you slick a stick abross a stick, Or stick a cross scross a stick, Or cross a stick across a stick,

Or stick a cross scross a cross, Or cross a cross across a stick,

Or cross a cross across a cross,

Or stick & cross stick across a stick. Or stick a crossed stick across a crossed stick.

Or cross a cressed stick across a Cross.

Or cross a crossed stick across stick.

Or cross a crossed stick across a crossed stick. Would that be an acrostic?

### Remarkable Telegraphy.

600 square yards, and the total amount in Australia is the overland telegraph of the lines in dally use was \$2,000,000 from Port Darwin to the south of the wards, or about 42,000 miles, or enough continent, which was completed in to so once and three-quarters around 1872. Almost the whole 2,000 miles of its length was through uninhabited country-much of it a waterless des-ert. The wooden poles were prepared man upon whom an inquest was at the nearest available places, but eost was £870,040.

Nothing except his hardy peasant blood has kept him from dying long ago. He was first known as Prince of Servia, but proclaimed himself King soon after the treaty of Paris. He ascended the throne of Servia in 1872, and at once proceeded to make things lively in Belgrade.

His marriage put no check upon his career of crime, and the royal palace was the most abandoned house in Europe. There was carousing and gambling from morning till night and 'round again to morning.

When his own subjects refused to gamble with him Milan sent over to Austria-Hungary and import d a new lot of companions. He treated his wife as only a man like him could, and frequented the court. Once he brought from Vienna the whole chorus of an opera troupe and lodged them in the palace. Finally, being about \$2,000,-000 in debt, and his subjects and Ministers being heartily sick of him, he agreed to abdicate if he was roundly paid for it. His abdication was accepted and he was given a big sum in hand and a heavy pension if he would leave Servia and never show himself there again.

Away he went, painting all the capitals of Europe a vivid red and indulgdays of wooden ships the sailors' diet ing in such excesses that every decent door was closed against him. When he first went to Paris he was elected to the Jockey Club, but after a while he was put out of there for cheating at cards, and now finds his companionship among the most disreputable of the capitals which he visits.

Not long ago he removed his furniture from the house which he had occupied in Paris to a house in Vienna. He is simply swamped with debt and has been for some time in the hab't of blackmailing his son out of remittances by threatening to return to Belgrade if he did not receive money. It is also pretty well known that he has in the past succeeded in getting money from Russia by threats of various kinds.

The Baron Baich from whom Milan has just inherited a new fortune to squander was the heir of Prince Michael, whose assassination brought Milan to the throne.

### Subsidized Hotels in Norway.

Some friends who have just returned from a tour in out-of-the-way parts of Norway tell me of a capital hotel system in vogue there which might be adopted with advantage in some parts of Scotland and Ireland. In every village where no hotel exists some one of the more prominent inhabitants is subsidized by the Norwegian Government, and in return is bound to provide accommodation for not less than four travellersy he may take in more if he chooses, but four is the minimum. My friends made frequent use of these subsidized hostleries, and are enthusiastic concerning the excellence of the accommodation and food supplied. I did not gather whether the tariff was regulated by Government, but I presume it is; anyway, the charges are absolutely moderate. Norway owes much of her prosperity to tourists, and she certainly treats them well.-The Sketch.

On one farm near firt, Mich., there are 1,120,000 cable





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THE CATHOLIC JOURNAL.



Why He Was Warm. The Marquis of Lorne, when Governor-General of Canada, was present at some sports held on the ice of the St. Lawrence. Though wrapped in furs he felt the cold acutely, and was astonished to see an ancient Indian meandering about barefooted, enveloped only in a blanket. He asked the savage how he managed to bear such a temperature when he had so little

And like a beacon guides thee home

"Why you no cover face?" in-

quired the Indian. The Marquis re-

plied that no one ever did so, and that

he was accustomed to have his face

naked from birth. "Good," replied the

prairie king, "me all face," and walked



on.

BWAV.