SCIENTISTS GO TO PACIFIC ISLAND TO STUDY ECLIPSE

Thousands Are Gathering At Catalina For Eclipse

Professor H. R. Kingston Explains Conditions of Coming Sun Phenomenon.

HOW TO VIEW IT

Be Visible in London Late On Monday Afternoon.

Following is the third of a series of articles written for The Advertiser by Professor H. R. Kingston, of the University of Western Cntario, who Is now in Catalina Island to study the total eclipse of the sun, which is expected to occur on September 10. Professor Kingston gives advice on how Londoners should view the eclipse, which will be in evidence in this city between 3 and 5 p.m. on that data

By PROFESSOR H. R. KINGSTON. Avalor, Catalina Island, Cal., Sept daily westerly motion of the sun and the moon. This motion, however, is only apparent motion, caused by the is now at Avalon, Catalireal daily rotation of the earth on its axis in the easterly direction. But the sun on September 10. the moon does have a real easterly motion around the earth, making th circuit in a little over 27 days. Now, one does not need to be

then again an hour or two later on the following evening. It will be plainly evident that the moon moves quite rapidly eastward amongst the how close to the path it may be, will stars.

If we continued our observations we should find that the moon travels entirely around the sky and company to view or the coronal display be visible. Only in the path of totality tirely around the sky and comes back will this marvelous spectacle be pre-to its original position in a little less sented. At London, Ont., the eclipse to its original position in a little less than four weeks. Now it happens that the monthly path of the moon lies very close to the plane in which the earth travels in the search travels and st. Martin s. The line interest than four weeks. Now it happens will begin at about 3:12 p.m., and end about 5:05 p.m. At the middle of the members derived much pleasure from this tour. that four weeks. Now it happens that the monthly path of the moon lies very close to the plane in which the earth travels in its yearly motion around the sun. The upshot of this across the sun's surface. While not across the sun's surface. While not across the sun's surface. is that usually the moon passes each month a little above or below the sun, but at least twice a year it must moon's actual motion. But one should moon's actual motion. But one should be recorded to the sun, but at least twice a year it must sun, but at least twice a year it must moon's actual motion. But one should pass directly between the sun and be very careful to use smoked glass, the earth. It then cuts off some or and in no case try to view the sun all of the sun's light, and casts shadow on the earth, producing a partial or total eclipse of the sun. Generally the eclipse is only partial, but now and then the moon passes centrally across the sun's surface and produces a total solar eclipse, provided that the moon is not too far way from the earth when this hap-(The distance of the moon from the earth varies as the moon's path around the earth is an ellipse.)
The great shadow cone behind the moon is rather small back here at the earth, as we are near the tip of the cone. As the moon moves along at the time of a total solar eclipse this shadow cone sweeps across the sur-

face of the earth, but being very narrow it darkens only a very small tinent four or five opportunities in 100 years to observe a total eclipse of the sun. When we realize further that the greatest received and the sun. When we realize further that the greatest received and the sun. When we realize further that the greatest received and the sun. When we realize further that the greatest received and the sun to the sun

are saying, "No more till after the eclipse."



AT BEAUTIFUL AVALON. Prof. H. B. Kingston of London, who

is now at Avalon, Catalina Island, Cal., to witness the total eclipse of

Island, and it takes the shadow just days. Now, one does not need to be 169 seconds to pass. Totality begins an astronomer to verify this. Any-here at 54 minutes and 23 seconds may convince oneself in an even- after 12 o'clock noon, Pacific time ing or two by noting carefully the position of the moon with regard to one or two stars at any time, and on either side of the path of totality

the eclipse will appear as a partia: eclipse. However, at no place out-side the path of totality, no matter no case try to view the sun

a with the naked eye. On our arrival here today I learn that altogether there will be about 40 people in the eclipse parties on Catalina Island. Besides the Yerkes Observations

Lick Observatory on Mount Hamilton is sending a well-equipped party C.O., to Ensenada, Mexico, and Mount Bach to Ensenada, Mexico, and Mount Wilson Solar Observatory is making extensive preparations at San Diege.

Great Interest Shown.

. Catalina Island is a splendid summer resort and is crowded with tour portion of the earth's surface. Thus it is that a total solar eclipse can be seen from such a small region of the it is that a total solar eclipse can be seen from such a small region of the earth, and is such a rare event at any one place. In North America only six or eight occurs in a century, and some of these take place away in the far north. Hence we have on this continued four of the celipse camp, about four miles from the total solar eclipse can be the port of Los Angeles. Also a hydroplane maintains a passenger service between Catalina and Los Angeles. Our party is most composite to the college of the convention of Dr. Hence we have on this continue four or for a second of the celipse camp, about four miles from the other at a garden party in the beautiful grounds. At 6:30 p.m., a special evensong was sung in the Church of St. Mary Margdalene, under the direction of Dr. Hence we have on this continued to the college. The convention concluding the college of the college. about four miles from the

the sun. When we realize further that the greatest possible duration of a total solar eclipse is less than eight minutes, we can understand something of the reason that astronomers thing of the reason that astronomers the distances to the sun the Timothy Eaton Memorial Church. Great interest is being taken here in the Convention, that the organists would hold their next annual meeting in Ottawa, September 1 and 2, 1924. travel long distances to study this gave a lecture tonight on the eclipse before an audience that packed the

Thousands to View Eclipse.

Thousands of people are coming out here to Catalina Island to see this wonderful spectacle on Sept. 10, and when we arrived we were very glad our reservations had been made six weeks ago, as the hotels are full and weeks ago, as the

"No more reservations Mount Hamilton.
Weather conditions here are almost The path of totality of the eclipse of Sept. 10 begins out in the North Pacific Ocean and passing southeast strikes the coast of North America a little south of Los Angeles, crosses Mexico, and ends south of the West Indies. It is about 105 miles wide here at Catalina

Weather conditions here are almost perfect, only four out of thirty-seven days since work was commenced at the camp being unfavorable. Thus the chances of a clear sky for the celipse are exceedingly good. May the weatherman smile his very best when the critical moment arrives on Sept. 10:

EXPECTS NEW SCHOOL TO BE FINISHED SOON

Trafalgar School is rapidly nearing completion, according to Architect Carrothers of the board of education, who stated this morning that the new building would be finished

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before the bad weather set in. The building is now being plastered

and the work is proceeding rapidly. Workmen are also engaged in put-ting on the roof covering, the roof slab having been placed in position after the accident the switch was slab having been placed in position turned but the crossing watchman some time ago. When this is com- declares that he did not turn the pleted the school will be completely switch. Both he and street railway Architect Carrothers Reports
Good Progress on Trafal
Some time ago. When this is completely switch. Both he and street railway closed from the elements, and the officials are at a loss to know how officials are at a loss to know how only work remaining will be in the tree car though of a comparative or the street car though of the s

CHAS. E. WHEELER IS NAMED TO HEAD ORGANIST SOCIET

Prominent London Musician Is Elected President of Canadian College of Organists.

OVER ALL DOMINION

Charles E. Wheeler, F.C.C.O., organist and choirmaster at St. Andrew's Presbyterian Church, has been made president of the Canadian Col

lege of Organists. This signal honor was conferred upon Mr. Wheeler at the annual convention of the College, held Tuesday and Wednesday of this week at the college headquarters, 14 Elm street, Toronto, when out of a gathering composed of organists from all parts of Canada, he was chosen to head

Interesting Account. The new president who returned to the city yesterday brings back a most interesting account of the con-

Over fifty members, guests and visiting organists were present at the opening session of the convention, Tuesday afternoon. No formal pa-pers were read but instructive discussions were held, concerning the work both of church and of moving picture organists. Among those who spoke were Dr. Ham, Dr. Illsley of Montreal, the retiring president, Dr. William, Mr. T. T. Tertius Noble of New York and others. The meeting was followed by an interesting tour of various churches and inspection of organs in the city. Among the churches visited were Westminster, St. Paul's, Metropolitan, Old St. Andrews and St. Martin's. The fine in-

At 7 p.m., the annual dinner was held at the Old Mill Inn on the Humguests sat down to the dinner, after which toasts were drunk to the king, to the College of Organists, to the president and finally to the ladies. These toasts called forth several

Elected President. At the council meeting on Wednes lina Island. Besides the terkes Observatory party, there are here also astronomeys from Washburn Observatory of the University of Wisconsin and from Goodsell Observatory of Carleton College, Northfield, Min-Willan, F.R.C.O., Toronto, Dr. P. J. Willan, F.R.C.O., Montreal, R. Tatterday, at which Mr. Wheeler was elect-Illsley, F.R.C.O., Montreal, R. Tatter-sall, Toronto, Dr. H. A. Fricker, F.R. C.O., Toronto, W. H. Hewlitt, Mus. Bach., Toronto; registrar, L. G. Star-

ling, London; secretary-treasurer, H. G. Langlois, Mus. Bach, Toronto. On Wednesday afternoon, the members and their wives and the visiting organists were received at Govern-ment House by the Lieutenant-Governor Cockshutt and Mrs. Cockshutt

citement at Richmond Street Crossing.

Pedestrians in the vicinity of the Tecumseh House were given a thrill at twelve o'clock today when a "one-man" Ridout street car traveling south on Richmond street jumped the tracks at the derail point and crash-ed into a large sedan standing at the curb, completely demolishing the rear

fender.

The derail safety switch is install-

interior.

The four-room addition to the Boyle Memorial School is also nearly finished and ready for occupation.

The work has reached about the same stage as in the Trafalgar School.

Famous Painting

Associated Press Despatch. Associated Press Despatch.

San Francisco, Sept. 7.—The priceless oil masterpiece "The Entombment of Christ," which was stolen recently from the Crocker Art Gallery at Sacramento, has been received by the San Francisco Call, accompanied by an unsigned note reading. "God has forgiven me, You will find my body in Stow Lake." an unsigned note reading: The painting was received by the Call in today's mail. The wooden panel of the picture had been broken, but the painting it-self was not harmed. The masterpiece was the work of Guide Reni, an early seventeenth century

an early seventeenth century Italian artist.

CONTINUED FROM PAGE 1,

cheduled to meet at 3 p.m. to decide whether a full acceptance of his setwhether a full acceptance of his set-tlement terms could be given. For the mine operators, a practically complete acceptance of the gov-ernor's peace proposals had been guaranteed and the governor was expected to have the union's decision this afternoon. The operators group agreed on behalf of the employers to grant a 10 per cent increase to all anthracite workers, to establish the anthracite workers, to recognize the sufficient amount of luck were to the

However, John L. Lewis, president of the United Mine Workers, and his associates in the conduct of the negotiations were still holding out on the two principal demands of the union which are unsatisfied by the governor's proposals. They asked the check-off system for collection of union dues, by which the employers would be required to hold out of payrolls the amount owed the union by each individual miner, and they asked that day workers in the analysis and the system of the winners would consent to dopate all their winnings to the Ki-Y boys' work.

Captured Winnings.

To this point in the proceedings asked that day workers in the an-thracite region, who number nearly 100,000 men, be given more than a 10

CANNOT CLOSE THEATRES. Paris, Sept. 7 .- The National Fedof Entertainments decided this morning that it would be unable to accept the government's recommendation that theatres and recommendation that theatres and other places of amusement close to-day as a sign of mourning for the Japanese disaster. The federation contended that to comply with the burden on a single class of b urgent meeting to consider measures for the assistance of the sufferers.

NOT SURE OF NEED FOR CONSTRUCT ART ROOM NEW SCHOOL LANDS

Adelaide Streets Doubted by Board.

Doubt is expressed by members of corner of Adelaide and Oxford streets. fered to the board for \$19,500 by W. Daly.

on which the board some years ago took an option for \$12,000, for which the city council refused to vote the money. The option was, therefore, money. The option was, therefore, allowed to lapse. Since that time the property has increased in value, and if not purchased by the board will be put on the market for building lots. Chief Inspector Greer today said he was not sure the board needed this property, but it would be carefully considered. He considers it is a little too far in towards the city to be of much real value as a school, as the pupils from that district are attending the Ryerson and St. Geoge's institutions. The building of a school on the property in question would mean the establishment of a new school section. school section.

While the Ryerson School is undoubtedly overcrowded, St. George's is one of the least crowded in the city, and pupils from the district that would be served by a new school at the corner of Adelaide and Oxford streets, are comfortably housed. streets, are comfortably housed at

If a new school were contemplated. the logical position for it would be either southwest or northeast of the Ryerson School, where it would take care of the school population in a crowded district.

Thief Sends Back DECLARES KIWANIS LEAGUE AWAITS INTO GAMING DEN

Rev. J. Agnew Provides Novel Work Suspended Until Italian Twist to the Weekly Luncheon Program.

HAS LOTS OF FUN

Claiming that the club had outrag ed the bounds of common decency in allowing a respectable organization such as the Kiwanis Club of London to be turned into a common gaming den, where gambling was carried on behind shuttered windows and barred doors, Rev. J. A. Agnew with a vigorous assertion to this effect launched terrific scandal into the otherwise calm water of today's regular meet-

ing of the association. Amid loud clamors from the mem-bers who declared themselves suffi-ciently "hard-boiled" to be enjoying the game in progress, Mr. Agnew de-manded a hearing, and such was ac-corded him by the president, Bevan

Jones Brothers Boosters. These unusual developments follow-ed the plans laid for the meeting by

To this point in the proceedings, Mr. Hay and Rev. Mr. Agnew main-tained the stern demeanor of righteous investigators. Here, however the joke got beyond them, and amid much mirth they were forced to confess that the whola affair had been a deep-rooted plot on their part to capture the sum of \$60, the amount of the day's boost for the boys' work.

The six Jones' brothers handled the The six Jones' brothers handled the contended that to comply with the Agnew, and each was handed a box suggestion would throw too great a of chocolates on leaving the luncheon. burden on a single class of business.

In charge of the meeting were floyd, Lebert, Norval, Stuart, Frank and Sidney Jones.

AT ST. GEORGE SCHOOL

tion in Spare Time.

A new art room has been added to St. George's School at no expense summer holidays, Manual Training Inspector S. R. White and Captain W. H. Robinson, superintendent of works The property, which consists of four and threeshrdlurdtwac-scuaoin at their disposal had fitted up a room in the above school to be used for in the above school to be used for

this purpose.

Tables, benches, cupboards, etc. their own time, and no expense whatroom in any of the city's schools.

Premier Replies Regarding Council's Incompetence.

SITUATION TENSE

Special Cable to The Advertiser. Geneva, Sept. 7.—All work of the League of Nations was temporarily paralyzed today, pending the out-come of the council's test of strength with Mussolini. Both sides in the dispute over the eague council's competence to inter fere in the Greco-Italian quarrel rested on their positions, awaiting

word from Rome.
Premier Mussolini has been advised of the action taken yesterday when the council made recommenda-tions to the council of ambassadors at Paris regarding a proposed in-vestigation in the Janina assassinations and payment of reparations by

Greece.
The council left, as an open issue, the question of its own competency and delegates agreed the situation pending a reply from Mussolini—was too tense for this to be discussed.

anthracite workers, to establish the full eight-hour day, to recognize the union, and to concede the principle of collective bargaining, the four things which Governor Pinchot asked.

Here a game whereby the members with a sufficient amount of luck were to be able to win "Two Dollars a Miniot proceed with other business until it learns whether the council is to survive the attack of the Fascisti preday.

When the protest was called forth, Sam O'Mearo, who was "croupler," competent to adjudicate the present honor, Mussolini says, is involved. If Italy permits the recommendations to the ambassadors to be acted upon; something which late advices Rome indicated she might not do the situation may yet result in a court today for stealing vegetables peaceful settlement of the dispute that threatens the league's life.

GIRL STOCK JUDGES

Prize-Winning English Quartet Would Like To Come To London.

Efforts are being made to bring to London for the Western Fair, at the replied. request of the girls themselves, four way, if I let you out?"

"Where deos anyone go when they English girls, winners of the Sir Henry Thornton agricultural scholarships, who have been judging stock in the classes at the Canadian National Exhibition, Toronto, where they received very high marks and much

praise.
The girls, Joan Moore, 14; Ivy
Townsend, 16; Mildred White, 18, and Value of Site On Oxford and Capt. W. H. Robinson and Emma Absalom, 18, are the first winners of the scholarships offered by S. R. White Build Addi-tion in Spare Time Railways. The prizes, including a trip to Canada, were offered for the best all-round girls in the Federation of Young Farmers' Clubs in Eng-land, the examinations of which are the board of education regarding the to the city, according to Inspector V. land, the examinations of the tothe city, according to Inspector V. property, the block of land at the rough property, the block of land at the rough property. The block of land at the rough property is the block of land at the rough property. The block of land at the rough property is the block of land at the rough property is the block of land at the rough property.

Misses Moore, Townsend and White are gold medalists, having won honors at the big English stock fairs for judging, while Miss Absalon has won high honors in beekeeping and hor-

ticulture.

The girls themselves made the request that they be allowed to attend were all installed by the two men in the Western Fair, which opens here on Saturday, and have asked, if posever incurred. The teacher for this sible, to be allowed to give an exwork in St. George's School is alhibition of English judging.

The matter will be placed before the work in St. George's School is ar-ready a member of the staff, and therefore no outsider will be brought Western Fair board by a representa-tive of the Canadian National Rail-

A. E. Silverwood Corrects Attempt To Do Him Injury

A report yesterday to the effect quiries made subsequently by The that a meeting of dairymen had been Advertiser, it is apparent that the called by Mr. A. E. Silverwood forreport was a malicious attempt to the purpose of discussing milk prices do injury to Mr. Silverwood, and The is untrue. Mr. Silverwood had no Advertiser is glad to give publicity connection with such meeting in anyto Mr. Silverwood's denial, and to

orm. the result of its own investigation.

The report came to The Advertiser "I have had no part in any meetvesterday in a telephone messageing of dairymen," Mr. Silverwood yesterday in a telephone messageing of dairymen," Mr. Silverwood from a local dairyman whose namestates, "either to discuss the price of was not then obtained. From in-milk of any other question."



ON VACATION NEAR TOKIO. Miss Mary Ledyard of Owen all the new postal service innovawho has spent 15 years in tions. missionary service in Northern Japan.

At the time of the earthquake and fire disaster, Miss Ledyard, with her sister, Miss Ella, also a missionary, was built and designed by engineers is believed to have been spending her vacation in Southern Japan, in mountain district near Tokio.

TWO MEN ARE FINED

Peter Smith, Vagrant, Provides Some Comedy at

sley were fined \$10 and costs in police court today for stealing vegetables from the Ontario Hospital grounds. They pleaded guilty a week ago. Two other young men, who were arrested with them, were fined yesterday.

grounds by going through the car. Road officials state the scenic exhibits to be shown this year will be far more complete and interesting than in 1922. The exhibit forms a triangle tour from Jasper Park to Alaska, down to Vancouver and back to the park Peter Smith, vagrant, and colored

was dismissed after he had provided a ittle comedy in court. loose, idle, disorderly person, livng without employment, and without
the more was a vagrant. Will be the Berkley gate on the
Skeena River. Mount Robson, called visible means of maintaining him-

"What am I going to d owith you?" money?" interrupted Smith. "You just said so," the magistrate "Where would you go any-

gets off the road," retorted the dusky "Well, you can go," concluded the court, advising Peter to keep far from temptation in his wanderings in search of the elusive job. W. J. Pointer paid \$10 and costs

for failing to have proper license markers on his car.
One drunk paid \$10 and costs.



Will Show Modern Mail Car Equipped With the Latest Postal Service Devices.

ROUTES PICTURED

The Canadian National Railways' exhibit at the Western Fair this year will be the biggest the railway ha ever brought to London. Severa beautiful and varied scenic exhibit will be shown in the governmen building, and in addition, the C. N. F. is bringing to the city a thoroughly modern mail car, fully cauipped wit

The car is 771/2 feet in length and who have had special experience in postal service work, and will be equipped with mail bags made at Ports

mouth penitentiary. An added feature will be the show ing of the latest devices employed in the picking up of mail by fal-limited trains that don't stop at cell tain places where the mail is to taken in. The working of the cate and the carrier will also be explain to the public by Ottawa postal ficials, who will also demonstrate the sortation of mail and how the bag of mail matter are handled in trans

Police Court Session.

A fence will be constructed around the car, which will be placed on the railway siding at the south end of the grounds, making it impossible for persons to secure admission to the grounds by going through the car.

Road officials state the seemic average of the s

to the park.

One of the many features will the illumined depiction of Jasper Park, and among the Alaska scenes the monarch of the Rockies, will be another of the beautiful pictures on display. This mount is 13,068 feet display. This mount is 13,068 feet in height, and is regarded as one of the court asked. "You're going about the scenic grandeurs of the Dominion.

"How you know Ah haven't any be that of the miniatures of the Continental Limited and the Internations Limited trains. In connection wit the latter exhibit, an electrically equipped board will be featured showing the different stops the limited makes. Among the cities shown will be Toronto, Tamilton and Lon-

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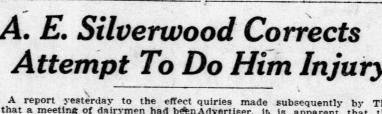
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