

The Society, of which she is now the president, she has extended her travels to this country, though she suffers somewhat from the cold of our winter and the discomforts of travelling. Australian newspapers say of her that she has lost none of the brilliancy, magnetic force and holding power over her audiences which she exhibited when here some 14 years ago. Mrs Besant gives her first lecture on July 28, in the Royal Albert Hall, Auckland, on "Man, the Master of his Destiny."

The Revival of Paganry.

The record of modern paganism is short, beginning as it does with Mr. Louis N. Parker's experimental production at Sherborne three years ago, when he was astonished with his own success, and the quiet little old world Dorset hamlet was overwhelmed by an incursion of some 40,000 strangers, many of whom came from Canada, America and Australasia to witness the revival of the story of our race. The success of the Sherborne show roused the spirit of emulation in other historic towns of the Old Country, and during the past two years "pageants" have found great favour with the public. This year "pageantry" (if it is permissible to coin such a word) has broken out all over England. The ancient town of Dudley has already given its inhabitants and visitors from all parts a picturesque review of its history for a thousand years in the grounds of Dudley Castle, but the real pageant season lies before us. It will commence on June 25th, when both Winchester and Chelsea commence a week's indulgence in living picture lessons in their history. A few days later Oboltenham follows suit, and a little later still the ancient little town of Pevensey will see its story developed from the days of the Druids onwards to the time when its inhabitants roused themselves to resist the Armada. Then Dover is to have its pageant to mark the estente cordiale and emphasize the important part it has played in history as the gate of England. There are many other minor pageants in course of preparation, but these will be the shows that will appeal chiefly to Colonial visitors to the Old Country. They will be all well worth seeing. Apart from their educational influence, the combination of art and history that go to make the modern pageant has irresistible delights for the senses in its brilliant colour effects and its grand choruses of hundreds of voices. As a mere spectacle it cannot be surpassed when seen in the light of the sun, with greenward for stage and ancient buildings, summer foliage or silver sea for background to heighten the effect. The interest taken locally in the preparations for the pageants presently to be presented at Dover and elsewhere is truly remarkable. Thousands of people who didn't seem to care a jot whether their town had a history or not are now working enthusiastically to make their pageants a success, and folk of every degree are working and rehearsing a gusher with an esprit de corps that should have a very beneficial effect on the social life of the pageant affected localities.

Possibly the most interesting of all the pageants promised this year will be that at Dover, which will have an international character. It is to be produced with French co-operation, a group from across the Channel having undertaken the entire production of an episode representing the arrival of Henrietta Maria at Dover as the bride of Charles I. The scene has been written by the French poet Louis Tiercelin, who gets a good deal of fun out of the language difficulty between the Royal lovers. In one of the episodes will be shown the actual building of a ship by the men of Dover, inspired by Hubert de Burgh to resist invasion. There will be some fine scenic effects in the French scene, and in the meeting between Henry VIII and the Emperor Charles to make preparations for the Field of the Cloth of Gold. In the opening episode of Legendary Dover will appear King Arthur. His chivalrous spirit is intended to pervade the entire pageant, and to be reinforced from time to time by the Knights of the Round Table, who as choruses are supposed to see history unfold itself before them while they wait for King Arthur to come again. Side by side with the clash of chivalry, ecclesiastical pomp, and regal splendour, the production will convey much of the ordinary life of the common folk, for Mr. Parker, who is responsible for the pageant as a whole, fully recognizes that while the splendid figures of history are only of occasional appearances, the individual and collective struggles of the people go on always, and that is them the foundations of history.

Collector (warmly): "I've been here a dozen times, air, and I positively won't call again."

Mr Poorpay (cheerfully): "Oh, some now, old man; don't be superstitious about making the thirteenth call—nothing will happen, I assure you."

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20 0 0	50	Australasia	104 0 0
20 0 0	20	Union of Australia	60 0 0
		New South Wales	45 0 0
2 0 0	8	INSURANCE—	
0 15 0	Unld	New Zealand, Limited	5 15 6
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5 18 6	14	Westport	6 15 6
5 0 0	NH	GAS—	
1 0 0	NH	Auckland	15 7 6
1 0 0	NH	Christchurch	0 19 6
1 0 0	NH	Dunedin	0 19 6
1 0 0	NH	Gisborne	2 10 0
1 0 0	NH	Hamilton	2 10 0
1 0 0	NH	Napier	0 0 0
1 0 0	NH	New Plymouth	1 6 6
1 18 0	12	Thames	7 10 0
10 0 0	12	Wellington	15 17 6
5 0 0	15	Wellington	19 10 0
5 0 0	5	Wellington	19 15 0
1 0 0	NH	SHIPPING—	
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0 13 0	NH	New Zealand Shipping	6 0 0
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1 0 0	NH	Devonport Ferry	0 8 1
4 8 0	1	WOOLLEN—	
5 0 0	NH	Wellington	3 7 0
5 10 0	11	Kaipoi	4 15 0
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7 10 0	21	MEAT	
10 0 0	NH	Canterbury	8 0 0
6 0 0	NH	Christchurch	10 7 0
4 0 0	1	Wellington Meat Ex.	6 12 6
		Wellington	5 2 0
1 0 0	NH	MISCELLANEOUS	
2 0 0	NH	Auckland Elec. T. P.R.	1 2 6
1 0 0	NH	Christchurch	1 2 3
1 0 0	NH	New Zealand Drug	0 11 0
1 0 0	NH	Sharnland & Co., Ord.	1 0 0
0 14 0	64	Union Oil	1 0 0
20 0 0	NH	Colonial Sugar	0 10 0
1 0 0	NH	N.Z. Paper Mills	1 2 6
1 0 0	NH	N.Z. Portland Cement	1 4 6
1 0 0	NH	Wilson's	0 2 0
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8 0 0	1	Ward & Co.	6 1 0
		Ward & Co.	4 15 0

The eyes of man and the higher animals have important differences. Professor Heine, at the German Naturalists' Congress, pointed out that the human eye is normally at rest for an infinite distance, accommodation (changing the range of the eye from distance to near vision, or vice-versa), being accomplished by angular muscles in the socket that make the ball more convex. In apes and all mammals and birds, as well as in some amphibia, the mechanism is the same. Birds have an advantage, as their striped muscular system enables them to make rapid changes, keeping fast-moving images in focus. Reptiles and fishes give quick adjustment by drawing back the lens instead of deforming it. The bigger the animal the poorer its accommodation. Among very inferior invertebrates are found very high eye mechanism; and some shellfish have eye adjustment comparable to that of highly-developed birds. In some respects—vision, sight, smell etc.—man is surpassed by other animals.



NEW ZEALAND RAILWAYS. VISIT OF AMERICAN FLEET.

Holiday Excursion Tickets will be issued from any station on the Auckland Section to Auckland, from Thursday, August 6th, to Saturday, August 15th, 1908, and from any station to Rotorua from Monday, 10th August, to Wednesday, 12th August; all available for return up to and including Monday, 24th August, 1908.

SPECIAL EXPRESS TRAINS.
From Friday, 7th August, until Tuesday, 18th Aug., 1908, an extra express train will leave Auckland at 10.35 a.m. daily (Wednesday, 12th August, and Sunday excepted), for Thames, Waihi, and Taurarunui.
During this period the 10 a.m. express train will take passengers for Rotorua and Cambridge lines only.
From Friday, 7th August, until Tuesday, 18th August, 1908, an Extra Express train will leave Thames for Auckland at 9.40 a.m. daily (Wednesday, 12th August, and Sunday excepted). A train leaving Waihi at 10.10 a.m. will connect at Paeroa.

SATURDAY, 8th AUGUST, 1908.
Special trains will leave Waihi, 8 p.m., Cambridge 5.10 p.m., Hamilton 6.30 p.m., and Te Kuiti at 2.45 p.m. for Auckland.

SUNDAY, 9th AUGUST, 1908.
Special train will leave Helensville for Auckland at 7.30 a.m., returning leaving Auckland for Helensville at 5.45 p.m.
Special train will leave Helensville for Auckland at 8.50 a.m. and 4.20 p.m.
Special trains will leave Auckland for Henderson at 2.15 p.m. and 6.25 p.m.
Special train will leave Mercer for Auckland at 8.15 a.m., returning leaving Auckland for Mercer at 5.35 p.m.

MONDAY, 10th AUGUST, 1908.
The 10.30 a.m. and 4.40 p.m. trains, Auckland to Helensville, will not run.
Special train will leave Kaupapa for Helensville and Auckland at 3.10 p.m.
Special train will leave Helensville for Auckland at 7.0 a.m.
The train leaving Helensville for Auckland at 7.30 a.m. will not stop after leaving Henderson, except to allow passengers to alight.
Special trains will leave Auckland for Helensville at 5.10 p.m., and 9.45 p.m.
The 12.45 p.m. Auckland to Mercer, the 4.15 p.m. Auckland to Frankton, 6.20 p.m. Mercer to Auckland train will not run.
The usual 6.50 a.m. train, Mercer to Auckland, will start from Pukekohe at 7.35 a.m., running on usual times from Pukekohe to Auckland.

Special trains will run as follows:—
Huntly for Auckland, at 5.45 a.m. (This train will not stop after leaving Auckland.)
Hamilton for Auckland at 6.40 a.m.; Cambridge for Auckland at 8.0 p.m.; Te Awamutu for Auckland at 9.0 a.m.; Auckland for Hamilton at 6.0 p.m.; Auckland for Frankton, Cambridge, Te Awamutu, and intermediate stations at 6.45 p.m.; Auckland for Hamilton at 9.15 p.m.; Auckland for Mercer at 10.0 p.m. This train will not stop between Auckland and Otahuhu.)

TUESDAY, 11th AUGUST, 1908.
Trains will run between Helensville and Waihi on the same times as Monday, Wednesday, Thursday, and Saturday trains.
Special train will leave Auckland for Mercer at 7.20 p.m.

WEDNESDAY, 12th AUGUST, 1908.
THE EXTRA EXPRESS TRAINS, AUCKLAND TO THAMES, AND VICE VERSA, WILL NOT RUN.
Thames line, Waihi line, Cambridge line, Te Kuiti and Taurarunui lines.
The ordinary train services will be maintained on these lines with the exception that the afternoon goods train, with passenger accommodation attached, from Frankton to Paeroa, and the evening train from Paeroa to Frankton, will not run.

KAIPARA LINE.
The 12.30 p.m. train Helensville to Auckland and 10.30 a.m. train Auckland to Helensville will not run.
The afternoon train from Auckland to Helensville will start at 6.30 p.m., and will run through to Kaupapa.
Special train will leave Kaupapa for Helensville at 7 a.m., connecting with morning train for Auckland; and Auckland for Helensville at 7.20 p.m.

MAIN LINE AND ONEHUNGA BRANCH.
The 12.45 p.m. train Auckland to Mercer, 8.30 a.m. Mercer to Auckland and 4.15 p.m. Auckland to Frankton trains will not run.
Special trains will leave Hamilton for Auckland at 6.45 a.m., Auckland for Mercer at 8 p.m., Auckland for Hamilton at 6.45 p.m.

THURSDAY, 13th AUGUST, 1908.
Special train will leave Auckland for Mercer at 7.20 p.m.

FRIDAY, 14th AUGUST, 1908.
The usual 6.20 a.m. train Rotorua to Morrivielle will leave Rotorua at 6.20 a.m., Paeroa at 6.8 a.m., Auckland at 6.8 p.m., arriving Morrivielle 11.15 a.m.
Special train will leave Auckland for Mercer at 7.20 p.m.

SATURDAY, 15th AUGUST, 1908.
The usual 4.40 p.m. train from Auckland to Kaupapa will start at 5.30 p.m.
The train leaving Auckland for Auckland at 7.30 a.m. will not stop after leaving

Henderson, except to allow passengers to alight.
Special trains will leave Henderson for Auckland at 8.35 a.m. and Auckland for Helensville at 7.30 p.m.
The usual 4.15 p.m. train Auckland to Frankton will not run.
The usual 6.50 a.m. train Mercer to Auckland will start from Pukekohe at 7.35 a.m., running on usual times from Pukekohe to Auckland.
Special trains will leave Huntly for Auckland at 6.45 a.m., Cambridge for Auckland at 8.0 a.m., Hamilton for Auckland at 7.0 a.m., Te Awamutu for Auckland at 6.10 a.m., Auckland for Hamilton at 6.0 p.m., Auckland for Frankton, Cambridge, Te Awamutu and intermediate stations at 6.45 p.m., Auckland for Mercer at 9.30 p.m.
For full particulars of train arrangements and Excursion fares see Posters.

THE AUCKLAND GOODS SHED WILL BE CLOSED ON THE 10th, 12th, and 15th AUGUST. GOODS AND LIVE STOCK TRAFFIC WILL BE SUSPENDED AT ALL STATIONS ON 10th and 12th AUGUST.

BY ORDER.

NORTHERN STEAMSHIP COMPANY LIMITED.

Weather and other circumstances permitting, the Company's steamers will leave as under:—
For Russell.
CLANSMAN Every Monday, at 7 p.m.
For Russell, Whangara, and Mangouli.
CLANSMAN, Every Wednesday, at 5 p.m. No Cargo for Russell.
For Awanui, Waiharara, Honhora, Whangara, and Mangouli.
APANIWA Every Monday at 2 p.m. No Cargo Whangara and Mangouli.
For Whangara, Helma Bay, Tuhakaka, and Whanauki.
PAEROA Tuesday, 11th Aug., 1 p.m.
For Great Barrier.
Walotahi, Every Wednesday, midnight
For Waiheke and Coronand.
LEAVE AUCKLAND.
ROTMAHANA, Tues., 4th Aug., 1.30 p.m.
ROTMAHANA, Fri., 7th Aug., 8 a.m.
LEAVE COROMANDEL, VIA WAIHIKE.
ROTMAHANA, Wed., 5th Aug., 11 a.m.
ROTMAHANA, Sat., 8th Aug., 1 p.m.

FROM ONEHUNGA.
For Hokiangua.
CLAYMORE, Every Thursday
For Haglan, Kawlia, and Waitara.
WAITANGI, Every Monday or Thursday

WHANGAREI SERVICE.
Steamers leave Whangarei as under:—
S.S. NGAIPUHI S.S. COROMANDEL
Trains Whangarei Mangouli, Paeroa to Whangarei

JULY.
Goods Train. Pas. Train
SOUTH—Prev. day. 9.30 a.m. 8 a.m. 9 a.m.

AUGUST.
1st—9.15 a.m. 11 a.m. No str. 11 a.m.
4th—9.15 a.m. 11.45 a.m. 10 a.m. No str.
6th—11.45 a.m. 2 p.m. 11 a.m. 2 p.m.
8th—9.15 a.m. 11.45 a.m. No str. Noon
11th—11.45 a.m. 8 p.m. 5 p.m. 8 p.m.
13th—11.45 a.m. 8 p.m. 8 p.m.
15th—9.15 a.m. 11 a.m. 7 a.m. 11 a.m.
18th—9.15 a.m. 11.45 a.m. 11 a.m. No str.
20th—11.45 a.m. 2 p.m. Noon, 2 p.m.
22nd—11.45 a.m. 1 p.m. No str. 1 p.m.
25th—Prev. day. 9 a.m. 8 a.m. No str.
27th—Prev. day. 9.30 a.m. 8 a.m. 30 a.m.
30th—Prev. day. 9.30 a.m. No str. 9 a.m.
*Goods outward by steamer leaving on following dates, viz. 1st, 15th, 25th, 27th, and 30th, must go from up-country stations by afternoon train on previous day.

THOS. COOK AND SON

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Before Booking your Tickets in London or elsewhere write for "COOK'S SAILING LIST" (posted free), giving FAIRMS by all lines, and sailings in advance. No Booking Fees. Special Advantages. Apply COOK'S SHIPPING OFFICE, 62 Queen-st.

A new kind of glass that resists great heat as well as sudden changes of temperature is made from Brazilian quartz pebbles. The pebbles are heated red-hot and then thrown into distilled water. The purest pieces are next selected and welded with the oxyhydrogen blowpipe into long stems like knitting needles, from which glass vessels of any shape can be made.
At present the quartz glass is chiefly employed for making laboratory apparatus. Into a test tube made in this way a white hot coal can be dropped without breaking it. Vessels of other forms can be heated white-hot and then plunged into cold water without cracking.