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8.00 p.m. Local for London.

### **NORTH.**

6.30 a.m. Elora, Fergus, Brampton, Teeswater,  
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7.30 a.m. For Orangeville, Shelburne, Owen Sound,  
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8.25 p.m. Streetsville, Orangeville, in connection  
with Steamships for Port Arthur,  
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11.30 p.m. North Bay, Pt. Arthur, Winnipeg,  
etc.

† Daily. ‡ Monday, Wednesday and Saturday.

\* Trains leave North Toronto station at 8.45 a.m.,  
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### **SCIENTIFIC AND SANITARY.**

Krupp, the great gun-maker, is trying  
to operate an engine by exploding in the  
cylinders very fine coal dust.

To protect visitors at the World's  
Fair from broken glass falling from the  
roofs, wire netting is to be stretched  
overhead in four of the principal build-  
ings.

Knocking out Edison's patent on car-  
bon filaments for incandescent electric  
lights is being followed by the output of  
a number of other lamps of nearly the  
same design.

A steamer with a pair of paddle wheels  
astern, having the rudder between them,  
has been built at Renfrew, Scotland. It  
is intended, like several others of the same  
pattern, for towing lighters.

Hot water (at about 175 degrees Fahr.)  
is sold in Paris at small street stands.  
The idea is M. Robin's, who also invent-  
ed ways to use gas for heating. The foun-  
tain operates automatically when you  
drop a coin in a slot.

The Columbia River at Portland, Ore-  
gon, is to be crossed by a steel bridge  
46 feet wide, with fixed spans of 302 and  
242 feet and a draw span of 385 feet, be-  
sides the embankment and trestle ap-  
proaches, which gives the whole struc-  
ture a length of 1,621 feet.

In Cleveland there are four 6-inch  
water mains in the business streets, which  
with the attached hydrants usually re-  
main empty. When occasion requires the  
city fire-boat thrusts a nozzle into the  
river end of a main, and supplies water  
under a pressure of over 200 pounds to  
the inch.

Henry Moissan, a French chemist, has  
made crucibles for high temperature out  
of bits of lime. These can be raised to  
3,000 degrees centigrade before melting.  
In these or similar receptacles he has  
succeeded in making small diamonds. He  
first burned a number of natural dia-  
monds, to discover what elements remain-  
ed in the ash after the carbon was con-  
sumed.

Lighthouses are now distinguished by  
the mariner by colour, combinations of  
colour, or the periodicity of short flashes.  
Captain Mahan, of the United States  
Lighthouse Board, has devised a system  
of signals given by shutters over the light,  
by which each light tells its own name  
or number, and prevents any possible con-  
fusion. When tested at New-Haven last  
month it worked admirably.

A bold plan for converting the power  
of a water-fall into electricity for long  
distance transmission, is being consid-  
ered in the State of Washington. Snoqual-  
mie Falls are capable of yielding 32,000  
horse-power most of the time. The only  
city of any size where this power could  
be utilized, is Seattle, 23 miles off as the  
crow flies, but separated from the falls by  
so wild and uneven a region that 40 miles  
of cable would probably be required.

The remarkable aerolite which fell at  
Osawatimie, Kan., on the afternoon of  
April 8, striking the monument to John  
Brown, was evidently one of that meteor  
swarm called the "Perseids," because when  
they fall to earth they come from the  
direction of the constellation Perseus. At  
the time this fell, that constellation was  
nearly in the zenith. This meteorite  
weighed a little over fourteen pounds, and  
contained iron and other minerals usually  
found in meteors. About one-fourth of  
the mass is an unknown metal, with a  
specific gravity four times that of gold.  
When a fragment was volatilized in the  
electric arc, it gave the same spectrum  
lines which are found in the solar spec-  
trum, and have been attributed to a con-  
jectural element, helium. If this un-  
known metal proves to be helium, it is the  
only known specimen on earth, and the  
Osawatimie aerolite will be the most  
valuable ever known.—Toledo Blade.

# **POET--LORE**

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**Browning Anniversary Number.**  
MAY 1893.

Robert Browning—The Man: Some further Remi-  
niscences. William G. Kingsland.

From the Provencal of Sordello, Troubadour.  
Prof. Owen Seaman.

Aristophanes' Philosophy of Poetry According  
to Browning. Helen Leah Read.

Ideals of Beauty in Keats and Browning. Alice  
Griffith.

Gentle Will, our Fellow. F. G. Fleasy.

Browning's Mastery of Rhyme. Dr. William J.  
Rolfe.

Browning's Mildred. J. J. Britton.

The Sightless. Maurice Maeterlinck.

Browning Books of the Year. Triggs' Browning  
and Whitman. A Study in Democracy. P.—Rev  
ell's Browning's Criticism of Life.—Browning's  
Prose Life of Stratford, etc. C.

The City of Dreadful Night. C.

Notes and News. The Original Book of Browning's  
'The Ring and the Book.'—Some Interesting  
Reminiscences of Browning, Carlyle, Lowell,  
Helm, etc., by Moncure D. Conway.—Browning.  
A Sonnet. C. E. D. Phelps.—Boston Browning  
Society. E. E. Marean

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### **DIVIDEND NO. 67.**

Notice is hereby given that a dividend of 4 per  
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after the first day of June next at the office of the  
Company, corner of Victoria and Adelaide Streets,  
Toronto. The transfer books will be closed from  
the 17th to the 31st of May, inclusive. Notice is  
also given that the general annual meeting of the  
Company will be held at 2 o'clock p.m., Tuesday  
June 6, at the office of the Company, for the pur-  
pose of receiving the annual report, the election of  
directors, etc. By order of the Board.

**S. C. WOOD, Manager.**

Toronto, 19th April, 1893.