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He that cometh to seek after knowledge  
with a mind to scorn and censure shall be  
sure to find matter for his humor, but no  
matter for his instruction.—Bacon.  
Ask for Minard's and take no other.

SCIENTIFIC AND SANITARY.

The English Government has adopted  
the Bertillon system of identifying criminals  
by measurements.

The German Government has decided to  
paint their torpedo boats bluish-gray, this  
color being, they consider, the least visible  
under the electric light.

The Massachusetts State Board of Health  
has just issued a circular which, it is hoped,  
will aid in the suppression of consumption.  
It places the annual deaths in the State  
from it at nearly 6,000.

Professor Dewar has demonstrated that  
metals augment their magnetic qualities  
and increase in strength by diminution of  
temperature. Iron at -180 degrees can en-  
dure double its normal tensile strain.

The difficult genera *Rosa* and *Rubus* are  
the subject of careful study by French bot-  
anists. A Rhodological Society has been  
founded for the purpose of publishing an  
herbarium of the roses of France, named  
by the Belgian rhodologist, M. Crepin.

A course of lectures at the Royal Insti-  
tution which has created much interest is  
that by Captain Abney, on color blindness.  
Excessive tobacco smoking has long been  
known to be an important factor in color  
blindness, and Captain Abney indorses the  
truth of this observation.

The discovery of a new chemical com-  
pound, nitrate of cobalt, is announced, and  
is said to be a most efficacious antidote to  
poisoning by cyanide of potassium or prussic  
acid. The discoverer, Dr. Johann Antal, a  
Hungarian chemist, tried the antidote first  
on animals, and afterward on 40 living  
persons who had been accidentally poisoned  
by prussic acid. In not a single case did  
the antidote prove a failure.

The British Board of Trade has just  
prepared statistics of the accidents at high-  
way grade crossings on the railroads of the  
United Kingdom for the last five years.  
The total number of persons killed is 369.  
Of this number, 32 are reported from  
England and Wales. Only 141 of the fat-  
alities were at public carriage roads, the  
remainder being at private or "occupation"  
roads or public foot paths.—*Railroad Gazette*.

Dr. V. Harley, in the Proceedings of the  
Royal Society of Great Britain, states as  
the results of experiments upon himself  
that sugar is proven to be a muscle food.  
Seventeen and a half ounces when fasting  
increased his working power from 61 to 76  
per cent. On adding 7 ounces to a small  
meal the total work done was increased from  
6 to 30 per cent. During 8 hours, 8½ ounces  
increased his working power from 22 to 36  
per cent.—*Popular Science News*.

The prefects in the several French De-  
partments have issued orders to the various  
schools, dating from the 1st of January, en-  
forcing that all drinking water supplied to  
the pupils shall be boiled, and that the  
cleansing of the floors, desks, etc., of the  
schoolrooms is to be no longer done with  
dry dusters and brooms, but with moist  
cloths, to prevent the spread of dust. Once  
a week thorough cleansing is to be carried  
out with an antiseptic.—*New York Times*.

A trial of the great electric search light  
set up at Sandy Hook for the purpose of  
coast defence was made for the first time on  
Tuesday night, last week, by the Ord-  
nance Board. The signals were easily read  
by the weather officials stationed in the

Educational.

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tower of the Equitable Building, in New  
York City, 20 miles away. The atmos-  
phere was rather foggy, and it is believed  
that, under the most favorable conditions,  
messages could be read at a distance of 40  
miles.

Neukirch, a German engineer, proposes  
that in building foundations in quicksand,  
the sand itself should be turned into solid  
concrete by blowing into it through a tube,  
by air-pressure, powdered dry hydraulic  
cement. The air insures a thorough mix-  
ture, and the concrete formed in this way  
is very satisfactory, though taking several  
weeks to harden and requiring months to  
attain full strength. It is found that the  
mixture of the sand and cement occupies  
less space than the sand alone before the  
operation. This method has already been  
successful in cofferdam construction and  
sewer work in quicksand.

Platinum has hitherto been considered an  
absolute necessity in the fabrication of in-  
candescent electric lamps, for the leading-  
in wires must pass through the substance  
of the glass, and any metal that expands  
faster or slower than the glass would crack  
it or admit air. Platinum expands nearly  
at the same rate as glass, hence its use for  
this purpose. Now, however, a lamp is  
being made in Boston, using iron wires.  
Before these are sealed into the glass a  
film of silver is deposited on the glass,  
which, it is claimed, makes a tight joint  
between it and the iron. The method,  
which is the invention of Mr. E. Pollard, is  
considerably cheaper than the one now  
generally in use.

True gladness doth not always speak;  
joy bred and born but in the tongue is weak.  
—Ben Jonson.  
Minard's Liniment Lumberman's Friend.