

SCIENTIFIC AND SANITARY.

A BLUE crane shot at Canton, Ga., measured seven feet from tip to tip of wings, and was six feet high.

To test eggs put them into a pail of water. If good they will lie on their sides; if bad they will stand on their small ends, the large end always uppermost.

A RUSSIAN electrician is said to have lately patented a process of photographing and engraving on metals by means of electricity by which the etching method is entirely dispensed with.

THE heat conducting qualities of the metals range as follows: Silver, 100; copper, 73.80; gold, 52.20; annealed aluminium, 38.87; unannealed aluminium, 37.96; tin, 14.50; iron, 11.60; steel, 11.60; lead, 8.50; platinum, 8.40; bismuth, 1.80.

A FRENCH chemist, M. Leon, has recently invented a process for removing the last traces of water by electrolysis. Platinum electrodes of large area are used, and the moisture is decomposed into oxygen and hydrogen without affecting the acid itself.

SULPHURIC acid, as every chemist knows, has a remarkable affinity for water, so much so that an uncovered dish of acid left in the open air will soon absorb sufficient moisture from the atmosphere to dilute the acid in a marked degree. In the commercial manufacture of sulphuric acid all but a minute portion of the water is removed by rectification.

A FRENCH electrical paper has a description of a novel electrical ventilating apparatus for supplying a building with fresh air, either warm or cold. A motor operates a ventilator, thus drawing the cold air in, but if warm air is desired, the electric current is sent through a net work of fine wires which become highly heated. The air is drawn through this net work by the ventilator and comes out as warm as furnace heat. It is claimed that the hygienic results of such an arrangement are excellent.

A NEW siren for use on men-of-war, steamships, etc., and for signalling purposes generally, has been invented by Charles Ingrey. The introduction of triple expansion engines, entailing the consequent material increase in the steam pressure, has rendered the Holmes instrument difficult to manipulate, owing to this increase of pressure. The whole essence of effective siren signalling at sea is in the sudden production and cessation of the sound, and in the facility with which the signals can be transmitted in any required direction; the sound being concentrated into a pencil or bundle of rays should be capable of being unmistakably delivered to the desired point. We are given to understand that this new siren is the result of very lengthy, expensive and numerous experiments.—*Marine Engineer.*

"German Syrup"

Asthma.

"I have been a great sufferer from Asthma and severe Colds every Winter, and last Fall my friends as well as myself thought because of my feeble condition, and great distress from constant coughing, and inability to raise any of the accumulated matter from my lungs, that my time was close at hand. When nearly worn out for want of sleep and rest, a friend recommended me to try thy valuable medicine,

Gentle,

Refreshing

Sleep.

Boschee's German Syrup. I am confident it saved my life. Almost the first dose gave me great relief and a gentle refreshing sleep, such as I had not had for weeks. My cough began immediately to loosen and pass away, and I found myself rapidly gaining in health and weight. I am pleased to inform thee—unsolicited—that I am in excellent health and do certainly attribute it to thy Boschee's German Syrup. C. B. STICKNEY, *Pictou, Ontario*"

A LINE of coastwise steamers has just been put in service from the port of Gothenberg, Sweden. The vessels were built by the Vulcan Engineering Company, of Stettin, Germany, and their engines were driven by petroleum. The engines work smoothly, make little noise, and the cost of the oil is said to be about 2.6 cents per horse-power per hour.

CURED AGAINST HIS WILL.

AFTER TEN YEARS OF SUFFERING A HAMILTON MAN IS RESTORED TO HEALTH.

A Case Rivalling the Marvellous Cure of John Marshall.

Hamilton Times, Saturday, Oct. 24th.

"A good name is more to be desired than great riches." The truth of this scripture quotation is proven every day. Once a person or a firm or an institution achieves a good name its road to success is short and sure, but to achieve a good name is quite a different thing. Not many months ago the *Times* brought to light one of the most marvellous cures that has ever been effected. Mr. John Marshall, after being for years afflicted with locomotor ataxy, supposed to be incurable, and after having been paid \$1,000 from the Royal Templars as being totally disabled for life, was permanently cured by the use of Dr. Williams' Pink Pills. Mr. Marshall may be seen on the streets any day, a strong, healthy man, with no trace of his old trouble. The case gave Pink Pills a name throughout the length and breadth of the land, and vastly increased sales of the remedy followed. The results are being seen on all sides now in wonderful cures wrought.

The *Times* came across two yesterday. At No. 196 York Street Mr. W. J. Clark, who is employed in Messrs. John Calder & Co.'s clothing manufactory, was seen at his residence and was pleased with the opportunity of saying a good word for the remedy that had put him in a position to enjoy life, after ten years of affliction. Mr. Clark is a young man of intelligence, and told the story of his case in an interesting manner. "Ten years ago," he said, "I got a very heavy cold, which settled in the small of my back and has ever since, up to a short time ago, defied all the remedies I could hear of and the skill of many doctors. At times I was so bad that I could not work and was seldom free from pain, whether standing, sitting, walking or lying. The only thing that gave me relief was an herb I got from an herbalist. For two weeks it relieved me and then the pains returned. I got more herbs, but whether they were the same or not, or whether they simply ceased to operate, I can't say, but I got no more relief from herbs. Turpentine applied on hot cloths and taken internally gave me relief for a little while, but I gave that up too. Several doctors examined me and said, 'Oh, it's nothing!' They gave me medicines which they said would make it all right, but which didn't. After almost ten years of doctoring I came to the conclusion I would never be cured, and tried to resign myself to my lot. Some months ago I went into the country to see my father. He said to me, 'Will, I have something here I want you to take—a box of Pink Pills!' I replied to him:

"You might as well throw them out the door."

"Take them for my sake, Will," he said, and I said I would do anything for him, though I had no faith in them. They are not worth that," I said, snapping my fingers.

I took the box and really felt better. They gave me an appetite, at any rate, and lessened the pain. So I resolved to continue them. After using three boxes I stopped. That is over three weeks ago, and I am now well and strong. The pain is all gone and I do my work like a new man. I am now working over-time until 10 o'clock, and stand it well. I have gained in weight and feel better every way. It was no case of faith cure with me, for I had no faith in the pills at all. My mate at work, at my advice, took Pink Pills to build up the system, and says he is much better; he certainly looks it."

"Yes," remarked Mr. Clark as the *Times* reporter was withdrawing, "you may use my name, and if you see any one who has any doubts as to the curing properties of Dr. Williams' Pink Pills just send him to me."

Minard's Liniment Cures Diphtheria.

ANOTHER CASE.

Mr. James Wright, No. 129½ Bay street north, is another of the great army of witnesses. For a year he suffered from diabetes, but was restored to health under the attention of Dr. Anderson. The disease, however, left behind it a fearful state of nervousness, debility, lack of appetite, sleeplessness and ringing noises in the ears and head, which at times drove Mr. Wright frantic. From weighing 180 pounds he came down to 118. He was well acquainted with Mr. John Marshall and knew of his trouble. Hearing of his cure he decided to try Dr. Williams' Pink Pills and did so in June last. After taking one box, all these troubles began to vanish and eleven boxes completely cured him, appetite returned and sweet sleep was no longer a stranger to him. In two months he recovered eighteen pounds of his lost flesh and is still gaining. Mr. Wright is confident that the remedy will have the same effect upon any one who is afflicted as he was, if given a fair trial.

In connection with the wonderful cures resulting from the use of Dr. Williams' Pink Pills, it must be gratifying to Canadians to know that they are the discovery of a Canadian doctor, a graduate of McGill College and post-graduate of Edinburgh University. Hitherto the great discoveries in medicine have come to us from abroad, but Dr. Williams' Pink Pills have conquered diseases hitherto declared by the works of specialists as incurable, and have shed a new lustre on Canadian medical science. What is claimed for Dr. Williams' Pink Pills is that they are an unfailing blood builder and nerve tonic, supplying the wants incident to over-work, mental worry, or excesses of whatever nature. They stimulate the system, build anew the blood, and restore shattered nerves, removing the fruitful causes of premature decay and insanity. They are also a specific for the ills peculiar to women, such as suppression, bearing down pains, displacements, ulcerations, etc. They are a certain remedy for headaches, dimness of vision, palpitation, shortness of breath, and, by restoring the blood to a healthy condition, bring back strength and the glow of health, where had been pale and sallow cheeks and broken down constitution. That these claims are not exaggerated is borne out by the remarkable cures investigated by the *Times*, as well as by hundreds of testimonials from all parts of Canada in the possession of the proprietor.

One thing in connection with the use of Dr. Williams' Pink Pills is the comparatively light cost of treatment. They are sold in boxes (never in bulk or by the hundred), at 50 cents a box, and may be had of all dealers or direct by mail, postpaid, by addressing the Dr. Williams' Medicine Co., Brockville, Ont., or Morristown, N.Y.

LEADING authorities say the only proper way to treat catarrh is to take a constitutional remedy, like Hood's Sarsaparilla.

To the point—the points of the Esterbrook pens, which are smooth and even, producing pleasant and easy writing.

It is a Mistake to try to cure catarrh by using local applications. Catarrh is not a local but a constitutional disease. It is not a disease of the man's nose, but of the man. Therefore, to effect a cure, requires a constitutional remedy like Hood's Sarsaparilla, which, acting through the blood, reaches every part of the system, expelling the taint which causes the disease, and imparting health.

It is claimed that the Eiffel Tower in Paris attracts so much electricity as to cause great cloudiness and increased amount of rain in that vicinity.

C. C. RICHARDS & Co.

Gents.—My daughter had a severe cold and injured her spine so she could not walk, and suffered very much. I called in our family physician; he pronounced it inflammation of the spine and recommended MINARD'S LINIMENT to be used freely. 3 bottles cured her. I have used your MINARD'S LINIMENT for a broken breast; it reduced the inflammation and cured me in 10 days. Hantsport. MRS. N. SILVER.

DR. T. A. SLOCUM'S

OXYGENIZED EMULSION OF PURE COD LIVER OIL. If you have Weak Lungs—Use it. For sale by all druggists. 35 cts. per bottle.

MR. FRANCIS GALTON writes to *Nature*: I have received in a letter from a friend residing in Boraston, Shropshire, the following account of a remarkably interesting meteorological phenomenon, which is well worth putting on record: We had a curious sight from this house yesterday (July 26). It was dead calm, but in a field just below the garden, with only one hedge between us and it, the hay was whirled up high into the sky, a column connecting above and below, and in the course of the evening we found great patches of hay raining down all over the surrounding meadows and our garden. It kept falling quite four hours after the affair. There was not a breath of air stirring as far as we could see, except in that one spot.

If You Wish

To overcome that extreme Tired Feeling, or to build up your appetite and purify your blood, take

Hood's Sarsaparilla

Possessing the best known vegetable tonic and alternative properties, it builds up in a perfectly natural way all the weakened parts, purifies and promotes healthy circulation of the blood, and makes you feel real hungry.

For the Blood.

"Toronto, April 18, 1891.

"Having tried Hood's Sarsaparilla I wish to state that I have found it excellent. I have used about 4 bottles and have proved the virtue of it for the blood and appetite. I have found no equal to it and cheerfully recommend it to others." F. LOACH, Engineer for W. H. Banfield, No. 80 Wellington St. West, Toronto.

Believes it Unsurpassed.

"Toronto, April 17, 1891.

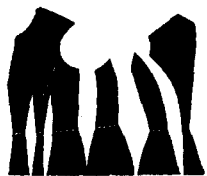
"From my own experience and from the experience of others to whom I have recommended Hood's Sarsaparilla, I have proved it to be one of the best blood purifiers and Spring medicines extant. I believe

Hood's Sarsaparilla

to be unsurpassed by any other remedy on the market." D. L. JONES, 345 College Street, Toronto.

In 1857 Wilhelm Struve, founder of the Pulkova Observatory, entered into negotiations with Prussia, Belgium and England, with a view to the measurement of an arc of parallel of latitude stretching across the four countries. The Governments named consented, in 1863, to communicate the results of their measurements to Otto, son and successor of Wilhelm Struve, in order that he might co-ordinate them with the Russian triangulation. The measurement of the arc is not yet completed, but some particulars concerning the work have been published in a recent issue of the *Scottish Geographical Magazine*. The parallel chosen is that of 52° north latitude, and the angular extension of the arc is 59° 30'. The portion which lies within the bounds of Russia in Europe measures rather more than 1,682 miles in length, and gives the average length of a degree of longitude as about 42.68 miles. The geodetic measurements proved beyond a doubt that the length of a degree is not always the same, that, in fact, the parallel of 52° is not a circle, but is composed of elliptical arcs. Bases of 4 to 9 versts have been measured with such care as to reduce the limit of error to the hundredth part of a millimetre, yet the lengths of a degree of longitude in different parts of the parallel show differences ranging up to 410 feet. It is expected that the measurement will be continued across Siberia to the Pacific.—*Science.*

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