

This and That

SOMETHING ABOUT RADIUM.

Not one, not even Madame Currie, the discoverer, has yet seen radium in a pure state. It has been possible to obtain it so far only in combination with other material. It is judged by the effect of its properties, which are truly remarkable. It is a product of pitchblende, which is found deep in the earth. The quantity already found is so small that the figurative price of a gramme has been placed at ten thousand dollars. It may be that there are large quantities of it stored under the surface somewhere, but the man who found a quantity of it in a state of anything like purity would probably not live to tell the tale. The particles which fly from it are charged with electricity, and at night it shines forth with a phosphorescence which has been shining since the beginning of all things, and which will go on shining until the final extinction of all matter. A small quantity of it in the possession of M. Currie has caused the most painful blisters when brought in contact with the skin. A small particle of radium salt was sealed in a glass tube, placed in a pasteboard box, and tied to Professor Currie's sleeve for an hour and a half. It produced a suppurating sore, which did not heal for over three months. Professor Currie thinks that a person entering a room containing a pound of radium would be blinded.

The first suggestion toward the discovery of radium came when a western college professor demonstrated the fact that many common substances have the power of storing up sunlight and emitting it again at night. Common sugar is the most luminous of these substances. Not only does the sugar emit light at night, but the discoverer was able to take photographs by means of it in an otherwise perfectly dark room. Among the substances tried with the sugar was uranium, an ore which, as Becquerel discovered, does not need sunlight to enable it to give off radiations, but which emits them spontaneously all the time, night and day. Following the lead of Becquerel, Mme. and M. Currie made an exhaustive examination of pitchblende which was radio-active. It was a task of endless separation, of continual dividings, of constant assayings, until at last nothing was left but the salt that is now known as radium salt.—Everybody's Magazine.

AN EFFICACIOUS DEVICE.

Two Highlanders, being in Glasgow for

**ORIGIN
Of a Famous Human Food.**

The story of great discoveries or inventions is always of interest.

An active brain worker who found himself hampered by lack of bodily strength and vigor and could not carry out the plans and enterprises he knew how to conduct was led to study various foods and their effects upon the human system. In other words before he could carry out his plans he had to find a food that would carry him along and renew his physical and mental strength.

He knew that a food that was a brain and nerve builder, (rather than a mere fat maker) was universally needed. He knew that meat with the average man does not accomplish the desired results. He knew that the soft gray substance in brain and nerve centres is made from Albumen and Phosphate of Potash obtained from food. Then he started to solve the problem.

Careful and extensive experiments evolved Grape-Nuts, the now famous food. Grape-Nuts contain the brain and nerve building food elements in condition for easy digestion. The result of eating Grape-Nuts daily is easily seen in a marked sturdiness and activity of the brain and nervous system, making it a pleasure for one to carry on the daily duties without fatigue or exhaustion. The food is in no sense a stimulant but is simply food which renews and replaces the daily waste of brain and nerves.

Its flavor is charming and being fully and thoroughly cooked at the factory is served instantly with cream.

The signature of the brain worker spoken of, C. W. Post, is to be seen on each genuine package of Grape-Nuts.

Look in each package for a copy of the famous little book, "The Road to Wellville."

the first time, were having a walk through the city. Turning a corner, they were much surprised to see a water cart wetting the street. Not having seen anything like it before, Tougal, under a mistaken idea, ran after the cart, and cried to the driver: 'Hey man—hey, man, yer losin' a' yer water!' His friend, annoyed at Tougal's want of knowledge, ran after him, caught him by the arm, and said, rather testily: 'Tougal, man, Tougal, dinna be showin' yer ignorance. D'yer no see it's to keep the laddies off the back o' the cart?'—'Argonaut.'

PIAZZA LIFE IN SUMMER.

We in America are coming to understand the importance of outdoor life. The real poetry of summer is well nigh lost unless one can come in contact with trees, grass and flowers. True country life bars none from this delight, but in village and suburban towns its limit is fixed by the space devoted to the piazza.

The importance of this portion of the house should be duly recognized before the plans are out of the architect's hands, and the three essentials for the correct location—exposure, privacy and outlook—be as carefully considered as its construction and relation to the main building. In some instances even the conventional rule for attaching the piazza to that portion of the house that faces the street should not be followed, the interior plans being reversed in order to bring the living rooms and porch at the rear.

There is one opportunity afforded by a broad piazza of which we are slow to take advantage. We might take more of our meals al fresco. One of the most fascinating things about living abroad is that in summer one may dine often out of doors. We should import the custom into this country for it is a good one, and then to the delights of long evenings on our piazzas we should have added that greater pleasure of sitting down to tea or luncheon with nature herself.—Woman's Home Companion.

A NOBLE NEGRO.

A master cooper called upon a colored man in Ohio, and wished to purchase some stave timber. He was asked the purpose for which he wanted it, and received for answer, "I have contracted for some whiskey barrels." "Well, sir," was the prompt reply, "I have the timber for sale, and want money, but no man shall purchase a stave from me for that purpose." Mr. Cooper was indignant to meet with such a stern reproach from a black, and called him a nigger. "That is very true," mildly replied the other; "it is my misfortune to be a negro; I can't help it. But I can help selling my timber to make whiskey barrels, and I mean to do it."—Good Templars Watchword.

THE LATEST ADDITION.

We have sung of the horsless carriage
And eke of the noiseless gun;
O'er the poleless ways through distance
The wireless messages run.

France has her bloodless duels,
England her heirless earls—
Alas! that we have to add to it,
We still have some titleless girls.

'Tis an age of many inventions,
They've given us keyless clocks,
The thingless things are endless,
We even have waterless stocks.

—Chicago Record-Herald.

SCOTCH PECULIARITIES.

We are a mixtie-maxtie race
O' chiefs wham nane can e'er efface
Owre a' we had the foremost place
By our peculiarities.

The Englishman is rich an' braw,
The best on this terrestrial ba';
He deems himsel' the ace o' a',
That's his peculiarity.

The Welshman is a son of fire,
An' native songs his heart inspire,
On Freedom's path he'll never tire,
That's his peculiarity.

The Irishman is born for glee,
The bravest o' the brave is he;
For Erin's sake he'll fecht or dee,
That's his peculiarity.

The Scotsman is the wale o' worth,
Gang east or west, gang south or north;
He is the saut to a' the earth,
That's his peculiarity.

—Sel.

Poison—

In the Blood brings
Humors and Boils, Salt
Rheum, Eczema and
Scrofula,

**WEAVER'S
SYRUP**

Will cure them permanently by purifying the
Blood.

Davis & Lawrence Co., Ltd.,
MONTREAL Proprietors, NEW YORK.

**A Cure For
Rose Cold
Hay Fever and
ASTHMA**

A prominent New York lawyer in an unsolicited testimonial says: "HIMROD'S ASTHMA CURE cured me when all other remedies failed. Physicians prescriptions did not even relieve. For years I have been a sufferer of Rose Cold with all of its annoying symptoms, such as constant sneezing and itching watery eyes. Himrod's Asthma Cure is ONE WEEK totally eradicated a Rose Cold of years standing. No words can express my appreciation of its effectiveness."

The late (Dr.) Oliver Wendell Holmes in his book "One Hundred Days in Europe" says: "I have used all remedies—Himrod's Cure is the best. It never failed."

Send for a generous free sample to-day and try it. It will not disappoint you.

HIMROD MFG CO.,
14-16 VESLEY ST., NEW YORK.
For sale by all Druggists.

O. J. McCully, M. D., M. R. C., S. Londono

Practice limited to
Eye, Ear, Nose and Throat
Office of late Dr. J. H. Morrison.
163 Germain St.

INVEST YOUR MONEY

in the Savings Bank, and you will get a yearly return of about 3 1/2 per cent. at the most, put it in an Endowment Policy in the



and you will get a return of at least that much and protection thrown in.

E. E. BOREHAM, Manager for Nova Scotia.
Halifax, N. S.

Canadian

Baptist

Hymnals.

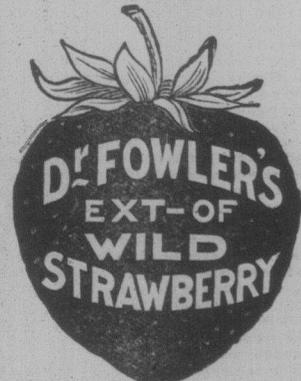
We can supply these in five different bindings. Send for price list.

A. & W. MacKINLAY,

135 and 137 Granville st.,
Halifax, N. S.

A Standard Remedy

Used in Thousands of Homes in
Canada for nearly Sixty Years
and has never yet failed
to give satisfaction.



CURES

Diarrhoea, Dysentery, Cholera,
Cholera Morbus, Cholera Infantum,
Cramps, Colic, Sea Sickness
and all Summer Complaints.

Its prompt use will prevent a
great deal of unnecessary suffering
and often save life.

Price, 55c.

The T. Milburn Co., Limited, Toronto, Ontario.

Fire Insurance

affected on Dwellings, Furniture, Stocks and other insurable property.

W. H. WHITE,
General Agent,
No. 3 King St.
House 1060.

Office phone 651.

Fire Insurance. Absolute Security

Queen Insurance Co.
Ins. Co. of North America.
JARVIS & WHITTAKER,

General Agents.

74 Prince William St., St. John, N. B.

Wanted.

A man and his wife to take charge of the "Residence" of Acadia College students, Wolfville, N. S. Either the husband or wife must be qualified for the work of head cook. Testimonials or references should accompany application. College opens September 30th. For further information apply to A. COMBES, Treas. Acadia University.

**INTERCOLONIAL
RAILWAY**

On and after SUNDAY, June 14, 1903, trains will run daily (Sunday excepted) as follows:

TRAINS LEAVE ST. JOHN.

- 6—Mixed for Moncton 6.25
- 2—Exp. for Halifax and Campbellton 7.50
- 136, 138, 156—Suburban for Hampton 13.15, 18.15, 22.40
- 26—Express for Point du Chene, Halifax and Pictou 11.45
- 8—Express for Sussex 17.10
- 134—Express for Quebec and Montreal 19.00
- 10—Express for Halifax and Sydney 23.2

TRAINS ARRIVE AT ST. JOHN.

- 9—Express from Halifax and Sydney 6.25
- 7—Express from Sussex 9.00
- 133—Express from Montreal and Quebec 12.55
- No. 5—Mixed for Moncton 15.10
- 135, 137, 155—Suburbans from Hampton 7.15, 15.30, 22.00
- 25—Express from Halifax and Pictou 17.45
- 1—Express from Halifax 9.15
- 81—Express from Moncton (Sunday only) 1.35

All trains run by Atlantic Standard Time 24.00 o'clock is midnight.

CITY TICKET OFFICE.

7 KING STREET, ST. JOHN, N. B.