













DEVOURS LIKE FIRE.

THE WONDERFUL EFFECTS PRODUCED BY FLUORINE.

The Diamond Only Able to Absolutely Resist This Powerful Solvent—Researches Into the Nature of a Hitherto Poorly Known Chemical Element.

The alchemists of the middle ages believed that somewhere in the universe was to be found a universal solvent which would dissolve the most refractory substances as readily as water dissolves sugar.

Phosphorus combines fiercely with fluorine. Prussian blue, on account of the cyanogen it contains, burns with a beautiful pink flame.

Although it has been known in various states of combination for many years, having been first discovered by Schwankhard of Nuremberg, in 1670, and rediscovered by Scheele in 1771, fluorine was not obtained as fluorine in the free state until about six years ago.

As regards the chemical nature of fluorine, it is a gas at ordinary temperature and is the lightest member of the series of elements containing chlorine, bromine and iodine.

As far as all experiments had been conducted with fluorine gas, which, at the time it was isolated, resisted all attempts to reduce it to the liquid state.

Somewhere in the south, says Congressman Sulloway, "a bright colored boy appeared before the civil service commission to be examined for the position of letter carrier."

In the Japanese match factories the boxes and labels are made by little girls, who are wondrously dexterous in the work.

SLEEP AND DREAMS.

How Agassiz Worked Out a Scientific Problem as Related by Himself.

The letters on sleep and dreams in The Spectator remind me of a case in the experience of Agassiz, and which he told me himself, though it is recorded in his work on the American fishes.

The next night he had the same dream and again forgot the essential point. He then determined to take a pencil and paper with him to bed and make his note as soon as he woke.

NOTICE.

We, the undersigned, do hereby agree to refund the money on two 25 cent bottles of Baxter's Mandrake Bitters, if it fails to cure constipation, biliousness, sick headache, or any of the diseases for which it is recommended.

H. J. Brown, Eberbach & Son, A. E. Mummery, Palmer's Pharmacy.

Swedish Polar Expeditions.

Sweden will send two scientific expeditions to Spitzbergen next summer. One, under Mr. Jaderin, will try to measure a degree of longitude; the other, under Prof. Nathorst, the paleontologist, will examine the waters to the west of the islands.

"Isn't safe to be a day without Dr. Thomas' Electric Oil in the house. Never can tell what moment an accident is going to happen.

The Same Old Story.

"Grandfather," said the young humorist, "can you spend the afternoon with me tomorrow?"

"Yes, I know," said the old man, with a sigh, "and I have always hoped that you would some day see the error of your ways and reform."

"I received a letter from a magazine publisher this morning," replied the alleged funny man, "requesting me to contribute to the humorous department of his publication matter similar to that to which his readers have been accustomed, and in order that I may meet the requirements I want you to tell me some of the jokes current during your boyhood days."

"To quit tobacco easily and forever, be mag netto, full of life, nerve and vigor, take No. 76-Bac, the wonder-worker, that makes weak men strong. All druggists, 50c or 81. Cure guaranteed, Booklet and sample free. Address Sterling Remedy Co., Chicago or New York."

Vigilance.

Missus—Bridget, what business has that policeman in my kitchen every night? Bridget—Shure, mum, he's a sargent, and he says he has come in to see if any common constable is sneakin' off his bate.

Can't be perfect health without pure blood. Burdock Blood Bitters makes pure blood. Tones and invigorates the whole system.

Spot So Wonderful.

Visitor—Well, Johnny, I suppose your father thinks the twins are something wonderful? Johnny—Yea, bat (in a confidential whisper) I could lick 'em both, easy.—London Clarion.

Doctors Like Them.

I have prescribed Carter's Caseara Liver Pills and pronounce them the best liver pill for all purposes in use; not only as a cathartic, but as a laxative and preventative of indigestion.

CASTORIA. Bears the Signature of Kind You Have Always Bought.

VIRTUES OF HOT WATER.

Many Are the Aches and Pains It Will Relieve.

Not a phrase conveying an impression A entire felicity, yet it may be found that water, hot, has manifold uses and is peculiarly able in certain places to afford comfort and relief.

As water is so considerable an element in the physical structure, it is in some sense a food, though—knowing, too, that without it life cannot be supported—it is not usually regarded in that manner, and the knowledge that a weak stomach will retain hot water when it will nothing else may be oftentimes of value.

Let those who are inclined to sneer at "only hot water" try a cup of it, fresh water, quickly heated and brought to a boil, used with cream and sugar as for coffee.

To ward off the cold threatened by a chilly sensation, drink a cup. To loosen a tight cough, sip water as hot as it can be borne.

In spasms place the afflicted child as quickly as possible in a hot bath—that is, one heated as much as comfort will allow. The convulsed frame will be relaxed and soothed by its contact with the warm water.

When a person is tired and heated, bathing the face with warm water will prove more comfortable as well as less dangerous than the use of cold.

For a fine complexion and velvety skin never use cold, but warm water in washing the face. It may be first washed with soap and hot water, then rinsed with tepid water.

Mistook the Mule.

Deacon Jackson was a very pious but very determined old colored citizen of Owl Creek valley. He had a young mule which his boys were unable to ride, and their failure to break the animal so exasperated the old man that he determined to ride it himself.

"What on ernd did such an old man as you mean by trying to ride a wild young mule like that?" asked the doctor.

"No, doctor, his judgment was all right, fer deLawd knows dis ole nigger never seed de day when he was afereed to straddle anything from a circular saw up to er elephant, but dis time I think de Lawd was jes' mistaken in de mule."

Old Ab Drake.

Old Ab Drake was one of the "odd sticks" that flourished in a Vermont rural neighborhood a good many years ago. His wife was a meek, obedient, spiritless woman, over whom Ab tyrannized for 50 years, when she quietly slipped out of this world.

Famous Three R's.

The originator of the famous three "r" alliteration "reading, riting and rithmetio" was Sir tVilliam Curtis, a lord mayor of London. In 1795 he proposed it as a toast before the board of education.

WHERE WOMEN RULE.

What in Social Student Found In an Eastern Province.

While studying social conditions in oriental lands Dr. Alice B. Stockham was advised by Tolstoi to visit the Nairn's on the Malabar coast of India, and witness a type of civilization unknown elsewhere among the inhabitants of earth.

The impropriety of manifesting affection for a woman before it is solicited is thoroughly instilled into the mind of the Nairn man, and, while the strife between natural tendencies and national custom may sometimes approach the nature of an irrepressible conflict, to yield in ruin and humiliation irreparable.

CAKE WALK IS FRENCH.

When It Originated, It Also Stood For a Marriage Ceremony.

The cake walk properly had its origin among the French negroes of Louisiana more than a century ago. There is little doubt that it is an offshoot of some of the old French country dances.

At a cake walk a man might legitimately show his preference for a woman and thus publicly claim her for a wife. In effect the cake walk was not different from the old Scotch-marriage, which required only public acknowledgment from the contracting parties.

The miners as well as the mine owners operating in northern Idaho are peculiarly interested in rational and effective methods of forest protection to what remains of the public timber lands, and as producers of national wealth have a right to demand it.

Worse Than She Thought.

Widow (weeping)—Yes, poor Tom met with a terrible death. He fell from the fifth-story window and was instantly killed.

NEURALGIA cured by Dr. Miles' PADS PILLS. "One cent a dose." At all druggists.

MRS. THOMAS CARLYLE.

One Occasion When the Clever Woman Was Surprised and Confounded.

The brightest time for Mrs. Carlyle's talk was during dinner. Day after day she poured forth witty stories, most of which I have almost forgotten, but in any case it would be desecration to attempt to repeat almost any of them.

Her death scene, a year later, when "Mr. Silvester," as she named her coachman, during a drive, turned and looked into the carriage—surprised at receiving no orders as to route—and saw her sitting, lifeless, with a pet dog on her knee, has often risen to my thoughts.

My strongest impression was of the deep mutual love evidently subsisting between Mrs. Carlyle and her husband. Every subject we discussed seemed to recall thoughts of him.

My husband has snffered with sick headache ever since a little boy and has tried everything he ever heard of, but obtained no relief.

Children Cry for Pitcher's Castoria. Baltimore, May 17.—The estimated gross earnings from the operation of the Baltimore and Ohio railroad for the month of April, 1898, were \$2,368,789; a gross increase of \$386,265, and a net increase of \$279,848.

Wm. Herz, NO. 4 W. WASHINGTON ST. HOUSE, SIGN, ORNAMENTS AND FRESCO PAWTEI.

Children Cry for Pitcher's Castoria.

Baltimore, May 17.—No protests have been received from Washington regarding the coaling and provisioning of the Spanish warships at Curacoa, Dutch West Indies.

Educate Your Bowels with Cascarets. Candy Cathartic, cure constipation forever. 10c, 25c. If C. C. C. fail, druggists refund money.

Self Made Men of Other Days. The self made man is by no means solely the product of modern times.

Warm Water Baptism. We would impress upon the clergy the necessity of having the water warmed. Baptism, it is true, is seldom or never administered by immersion, but even when affusion is used the contact of cold water with a child's head might injuriously affect one with an already sufficiently low power of resistance.

When the Sultan of Turkey attends the Friday midday prayer at the mosque in Constantinople, the garrison of 30,000 men is stationed along the route in such a way that he shall be safely guarded from the moment he leaves his palace until he is on his carpet in the sacred edifice.

Children Cry for Pitcher's Castoria. When Baby was sick, we gave her Castoria.

Oldest Bank Note. The oldest European bank note is Swedish, dated 1661; but the British museum, in London, has a Chinese note three centuries older.

Children Cry for Pitcher's Castoria. When she was a Child, she cried for Castoria.



means pain, danger and possible death for some wives. For others it means practically no discomfort at all. There is no reason why childbirth should be a period of pain and dread.



TIME TABLE. Taking Effect May 15, 1898. Table with columns for NORTH and SOUTH directions and times for various stations.

MICHIGAN CENTRAL

Central Standard Time Taking Effect May 29, 1897. GOING EAST. Detroit Night Ex... T 00 a.m.

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Cor. Bates and Lamed Sts. Most convenient and central location. Cars for every part of the city pass the door at short intervals.

The BEST. For the BEST. By the BEST. The brightest and most original weekly journal in the world is

The Criterion

It is an acknowledged authority on all matters pertaining to flrt, Drama, music, And Literature. BRILLIANT ARTICLES, CHARMING STORIES, UNIQUE ILLUSTRATIONS.

Children Cry for Pitcher's Castoria. When she was a Child, she cried for Castoria. When she became Miss, she clung to Castoria. When she had Children, she gave them Castoria.

