

COOKING WATCHES.

How English Timepieces Are Treated in Kew Observatory—It Takes 45 Days, But It Is Done Well.

Kew Observatory has lately been much in the public mind consequent upon the threatened derangement of its delicately made instruments by the installation of electric tramways at Hammersmith, some miles distant.

The very position of the observatory is ample testimony to the sensitiveness of the wonderful machines it contains. Situated about two miles from Richmond, the solitary building stands like a beacon in the midst of a far-stretching sea of meadow land. But the observatory is more than a home magnetic mystery. They cook watches there.

If you contemplate buying an expensive watch you can have it sent to the observatory, where for forty-five days it will undergo an ordeal that will test its capability to the utmost.

The branch of the observatory where this interesting operation is carried on is known as the rating department of the national physical laboratory. The observer, E. G. Constable, explained to a representative of The Daily Mail who visited the observatory that about 500 watches are tested yearly, and that 10,400 have passed through their hands since the department was opened.

On this particular day forty watches were under observation. An ambitious watch in pursuit of a first-class certificate commences its career at Kew by standing upright for five days in an ordinary safe. It spends a similar period in three other positions, and is then placed on its back in a refrigerator. After five days of that icy abode it is removed to an oven kept at a temperature of 90 degrees Fahrenheit, and is at last restored to a normal temperature. All this time the watchful eye of the observer has been upon it, and the watch's behavior duly noted in books.

Every variation of a second the watch makes in the different positions and temperatures is carefully entered and certain marks for or against are given it. What this means will be the better appreciated when it is explained that Kew possesses instruments capable of indicating the hundredth part of a second.

The highest marks awarded to a watch are 100, and if it gains over 80 the words "especially good" are written on this certificate when the watch leaves the observatory. Last year the lowest marks received by a watch were 44, and the highest 90.1. The latter was English made.

Quite a number of watches were in the oven stage. The oven is an ordinary safe, heated with a tubular boiler, and over it a constant supply of hot water is kept. The refrigerator is of the ordinary kind.

All kinds of watches were there. There was an explorer's watch, so watertight that it would keep on ticking merrily at the bottom of the sea. There was the watch of an important official of the National Cyclists' Union, which splits seconds to infinitesimal degrees, and comes to Kew every year. In racing, time is not accepted as official unless the watch has gained a Kew certificate. Then there were watches destined to accompany an expedition to the south pole and probably to tick where watches never ticked before. There were cheap looking silver watches, really worth between £15 and £20—appearances are deceptive in watches—and there was a wonderful gold watch that cost £300, and does more things than there is space to enumerate here.

But the most remarkable watch that has ever been "baked" or "frozen" at Kew cost close upon £3,000. It was bought by a sportsman with his winnings in one horse race. The owner's monogram on the outer case was surrounded with twenty-four diamonds and a picture of the horse appeared on the other side in enamel, the artist having spent a week in the stables to get an accurate drawing.

The watch, however, proved to be useful as well as ornamental, and Kew was able to send its distinguished visitor home accompanied by a certificate worthy of its position in the watch world.—London Mail.

MALDEN'S HANDSOMEST MAN.

A Prize Which the Winner Did Not Desire Nor Would He Accept.

If you're waking call me early, call me early, mother, dear, Please throw your slippers at me if at first I do not hear. For tomorrow morn the Magpie's out, its pages we must scan, And see who's the Handsomest Man, mother, who's the Handsomest Man.

—Malden Magpie.

The Malden Magpie is a local

A "DEMON" DISEASE

Doctors prescriptions and strongest Liniments had no effect on Mr. Humphreys' Rheumatism.

Two bottles South American Rheumatic Cure cured what he is pleased to call "this Demon from the Lower Regions."

Henry Humphrey, of London, Ont., expresses himself very strongly:—"I think Rheumatism is a demon from the lower regions, judging by my sufferings before I began using South American Rheumatic Cure. Doctors prescribed the strongest liniments with no more effect than water, but this great remedy had me up and about my work, and as well as ever, after taking only a couple of bottles."

For sale by W. H. Carten.

A Well-Known Beachville Lady Cured of Catarrh in its Worst Form After Years of Suffering.

JAPANESE CATARRH CURE CURES.

There are hundreds of so-called catarrh cures, but those who have tried them all proclaim Japanese Catarrh Cure the only real and permanent cure.

Miss A. Nott, Beachville, Ont., writes:—"I feel so gratified for the invaluable benefit derived from Japanese Catarrh Cure that I would like to make this wonderful medicine known to all who suffer from this most annoying and disagreeable disease. I had catarrh for years. There was almost a constant dripping in my throat, and my breath was very objectionable to others. Nothing I could get gave me any permanent relief until I used Japanese Catarrh Cure. I used in all six boxes, and it worked wonders in my case. I have not now the least symptom of catarrh, and cannot praise this remedy too highly."

Japanese Catarrh Cure is the only permanent and guaranteed cure for catarrh. All druggists sell it, 50 cents, or mailed, postpaid, by The Griffiths & Macpherson Co., Limited, 121 Church St., Toronto.

monthly magazine, and it has recently held a "Handsome Man" competition, which has been won by the vicar-much, it must be said, to the disgust of that gentleman.

Malden is a picturesque village in Surrey—you may reach it in twenty minutes from Waterloo. But the feverish spirit of the age has passed it by and no lumbering omnibuses or up-to-date electric cars disturb its peaceful slumbers. Until recently it had no newspaper it could call its own.

A few months back the Malden Magpie came. And it has already drawn forth the ancient spirit of competition which lay dormant in the breasts of the men of Malden.

By means of coupons, Malden's votes were desired to decide the identity of Malden's handsomest man. Now Malden is subdivided. There is Old Malden and New Malden, two distinct parishes. The one Malden loves not the other Malden, and thereby hangs a tale.

April 1st was the date of the issue in which the momentous announcement was to be made. The date may possibly have inspired the machinations of many Old Maldenites.

Anyhow, on the day appointed the Magpie announced that the Rev. W. A. Challacombe—vicar of New Malden—had won the prize. He secured 213 votes, the nearest competitor being fifty-one votes behind him.

The Rev. W. A. Challacombe does not consider that he is the most handsome man in Malden and is much annoyed. Meanwhile the prize—a handsome smoker's cabinet—has been sent to him. This has been returned to the editor of Magpie.

DRUNKENNESS

CAN BE CURED!

Is your husband, brother, father, or any of your relatives afflicted with Drunkenness? We have a sure cure which can be given with or without the knowledge of the patient. Send for particulars, enclosing a 2c stamp for reply. Address

Dr W H Saunders & Co,
Station C, Chicago, Illinois

First Class Investments Wanted

\$14,000 TO LOAN on Freehold Mortgages, at lowest rates and in amounts to suit applicants. Also several large sums to loan on All City Mortgages at 5 per cent. Apply to

A. R. SLIPP, Solicitor

P. O. Box 402, Fredericton, N. B.

B. M. MULLIN, M. D.

Physician and Surgeon.

Office, Carleton Street, (lately occupied by Judge Wilson) Midwifery a specialty.
Office Hours—11 to 12 a. m.; 3 to and 8 to 10 p. m. Residence, St. Marys, Telephone No. 233. Office Telephone, No. 324.
April 5—d & w m.

Dr. W. T. Ryan,

Physician and Surgeon.

Offices formerly occupied by late Dr. Coulthard.
Office hours: 9 to 11 a. m.; 1 to 3 p. m., 6 to 7 p. m.
Telephone: Office, No. 91. Residence, No. 90.
Aug. 14, 1901.—d & w.

Henry B. Rainsford

Attorney and Barrister-at-Law.

Conveyancer and Notary Public.

Office: Lower Flat, County Court House and Joining Record Office.

Fredericton, July 24, 1901.—d & w mos.

F. ST. JOHN BLISS

Barrister, Notary, etc.

Offices—Corner Queen and Carleton Streets entrance Carleton street. Tel. 284.

WE ARE READY TO SUPPLY YOUR WANTS.

Anything you want to wear can be found among our stock and new goods are being opened daily. It would occupy a whole newspaper to enumerate all the different kinds. You cannot fail to find what you want and we know we can please you with the price. Don't miss our Overcoat Sale that is now going on. \$5.00 will get you more Overcoat value now than \$7.00 will later on.

Although Furs have advanced in price you will find our immense stock marked down below last years prices.

You can save money by dressing your boys out of our stocks this fall, particular attention has been given to the boys' wants.

The Shoe Department is equipped with everything that is required to protect the feet of young and old.

Underwear for young and old, all the popular brands.

Carpets, Floor Oil Cloths, Rugs, Matting, Window Blinds, Horse Blankets, and hosts of other goods that will be sold at a saving of 25 percent.

M. Fickler & Co.,

Down Town Dept. Stores.

Pillsburys Best

Flour, only

\$5.10 a Barrel.

The greatest value in Bread Flour on the market. The retail price of this Flour in Montreal is \$6.00 a bbl, and in Boston \$5.25 a bbl, so you can see what a bargain I am offering you. Your grocer will supply you at this price

JAMES HODGE.

CANADIAN
Ry.

EXCURSIONS.

BUFFALO

AND RETURN.

\$17.20.

Going Oct. 15, 17, 19. Oct. 22, 24, 26. Return 15 days from date of sale.

Only One Night on Road to Buffalo by Canadian Pacific.

MONTREAL

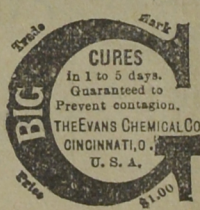
AND RETURN

\$10.70.

Going Oct. 21, 22, 23. Return Nov. 6th, 1901.

See Ticket Agent or write to

A. J. HEATH,
D P A, C P R, St John, N



CURE YOURSELF!

Use Big G for unnatural discharges, inflammations, irritations or ulcerations of mucous membranes. Painless, and not astringent or poisonous.
Sold by Druggists.
Circular sent on request.

Auction Sale.

I am instructed to sell at the residence of Mr. John Owens, Queen street, on Tuesday next, Oct. 22nd inst. at 10 o'clock a. m., a quantity of household effects, consisting of Whatnots, Easy Chairs, Rockers, Window Blinds, Curtains, Tapestry and Wool Carpets, Bureaus, Wardrobe, Music Stand, Table, Mats, four Deerskin Mats, etc. Also lot of Crockeryware, Refrigerator, Kitchen Tables, Cooking Stove, Hall and two close stoves, etc. I will also sell at the same place on Wednesday, the 23rd October at 12 o'clock noon, one Piano, Bangor Wagon, one Double Seated Carriage, Express Wagon and Delivery Pung, etc.

M. A. AKERLEY,

Auctioneer.

Oct. 19, d31.

W. HARRY STEEVES

Doctor of Dental Surgery.

Specialist in Crown and Bridge Work.

220 Queen street, opp. Post Office.

All kinds of Dental Work performed promptly and efficiently with all the advanced and improved methods. Office hours, 9 a. m. to 1 p. m.; 2 p. m. to 6 p. m.; 7 p. m. to 9 p. m. Telephone No. 174.

INTERCOLONIAL RAILWAY.

On and after Sunday, October 20, 1901, trains will run daily (Sundays excepted) as follows:

TRAINS WILL LEAVE ST. JOHN

Express for Halifax and Campbellton .. 7.00
Express for Point du Chene, Halifax, and Pictou .. 12.15
Express for Sussex .. 12.40
Express for Quebec and Montreal .. 16.30
Express for Halifax and Sydney .. 22.35

TRAINS WILL ARRIVE AT ST. JOHN

Express from Halifax and Sydney .. 6.00
Express from Sussex .. 8.30
Express from Montreal and Quebec .. 12.40
Express from Halifax and Pictou .. 16.00
Express from Halifax .. 19.15
Express from Moncton, (Saturday only), 23.50

All trains are run by Eastern Standard Time. Twenty-four hour notation.

D. POTTINGER,
General Manager

Moncton, October 16, 1901.

FOR SALE.

One No. 2 Silver Moon, Self-Feeder Stove, and a lot of pipe in good condition, will be sold cheap. Apply to Herald Office.—Oct. 19, d31.

A Word to the Wise

IS SUFFICIENT.

If you are a Dyspeptic, eat Clynick's Bread at 6c. a loaf. It is perfectly pure and unadulterated. We always bake the leading brands of Flour and make our own Yeast from a renowned English receipt. Boston Brown Bread a specialty.

Stores supplied at special rates on application.

REMEMBER THE PLACE.

F. CLYNICK,

CITY BAKERY,

Opp. St. Dunstan's Hall, Regent street



I am the only one of the name who owns and runs two Hearses, one suitable for attending children's funerals.



Down
Town

at
ROBERT B. ADAMS

Telephone 130