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Campbellton, N. B.

THE FALL TERM.

of the
Fredericton Business College
will open on
Monday, August 26th, 1918.

There is a greater demand for our graduates than ever. Get particulars regarding our courses of study, tuition rates, etc., and prepare to enter on our opening date. Descriptive pamphlet on request.

W. J. OSBORNE, Prin.
Fredericton, N. B.

What Are You Doing?

Your future will depend upon what you are doing now. You must prepare yourself if you wish to keep in line with the coming events. If you are not prepared for big things, you should get ready now.

Success Business College, Ltd.
The Accredited School,
MONCTON, N.B., TRURO, N.S.

TYPEWRITER SUPPLIES,

PIANOS AND ORGANS,
PICTURE FRAMING,
MONUMENTS UNDER-
TAKING, EMBALMING.

D. F. GRAHAM

WATER ST. - PHONE 19

Florence Hotel

Opp. Post Office

Newly built and furnished.
Home like in every particular.
Best Cuisine in Campbellton.
Service of the best.
Hack meets all trains and boats.

BUGOLD & ALLAN, Proprietors

Campbellton, N. B.

ATLANTIC, QUEBEC & WESTERN
RAILWAY COMPANY

NOTICE IS HEREBY GIVEN that the Annual General Meeting of the Shareholders of the ATLANTIC, QUEBEC & WESTERN RAILWAY COMPANY will be held at the Company's Office, Temple Chambers, Temple Avenue, London, England, on Wednesday the 30th October 1918 at 12 o'clock noon for the transaction of the General business of the Company.

By order,
F. S. ELVEY,
Secretary-Treasurer.

London, England, 31st August, 1918.
Sept. 13-4-18.

A
Constipation Cure

A druggist says: "For nearly thirty years I have commended the Extract of Roots, known as **WATERBURY'S**, for the radical cure of constipation and indigestion. It is an old reliable remedy that never fails to do the work." 30 drops three times daily. "Get the Genuine, at druggists."

NEWSY ITEMS FROM NEARBY PLACES

Gathered by Graphic Correspondents—Contributions to this Column are Solicited from every District of the Bay Chaleur.

ANNUAL REPORT OF
NEW CARLISLE RED CROSS

Receipts.

Life Members Fees, (2),	\$50.00
Annual Members Fees, (20),	40.00
Associate Members Fee, (3),	3.00
Other sources	1034.2
	\$1127.20

Expenditures.

Can. Red Cross Society, Montreal,	\$300.00
Prisoners' of War Fund,	300.00
Spent in Hospital Supplies,	169.41
Sent for Hospital Supplies,	100.00
Sent for France's Day Fund	140.00
Other Expenses,	20.43
	\$1029.84

Balance on hand, Oct. 1st, 1918 \$97.98

Value of material on hand 74.00

\$171.98

Clothing made, etc.—

11 pr. pajamas; 90 pr. socks; 108

personal property bags; 18 trench

caps; 2 bandages.

Audited and found correct—

T. A. BLANCHET

G. P. LeGRAND.

Oct. 1st, 1918.

Three boxes were sent to Halifax

Relief and personal boxes to our boys

overseas.

RENE R. CALDWELL,

Sec.-Treas.

Are you saving for Victory Bonds?

SCIENCE AND THE WAR...

The advance of scientific investigation during the period of the war has not been more rapid than it would have been under the normal conditions of peace, and in all probability has been greatly retarded. Many centres of energetic research have been overrun by armies or congested with sick and wounded and overwhelmed with the problem of their care. Hundreds of investigators have been wrenched from their proper tasks, to the performance of duties trivial in themselves, but of vital and immediate urgency in this crisis. Others have already fallen in the defence of principles far more dear to them than knowledge. The advance of science has thus been unquestionably retarded. What has indeed been accelerated, and in very patent measure, has been the application of knowledge, long since garnered and imperfectly utilized, to the service of the nations in arms.

Take, for example, the development of aviation. Most of us are indeed aware that mechanical flight had been achieved before the war but, few are acquainted with the true history of its origin, or of the trivial part played by war, or the anticipation of war, in the development of its fundamental principles. The problem of mechanical flight appears to have been for the first time competently and scientifically approached by Leonardo da Vinci, who besides being one of the greatest painters, one of the greatest sculptors, one of the greatest architects and one of the greatest engineers of his epoch, was one of the greatest engineers of his century produced. It was he who first pointed out the importance of the angle of the wing or plane in determining the direction of motion. Practical application of the theoretical principles which he discovered was of course impossible at that time for lack of mechanical motive-power. The next and final fundamental step in the solution of the problem was taken by Langley, late secretary of the Smithsonian Institute, who was the first to discover the dependence of the buoyancy of the air upon the speed with which the planes move through it. The fundamental laws having been elucidated, and adequate motive-power rendered available by the development of the automobile industry, the aeroplane was not merely a logical but a necessary outcome. As a matter of fact, the first aeroplane was built by Langley in 1903 and successfully flown by Curtiss in 1904. Meanwhile Bleriot and the Wright brothers had built and flown aeroplanes constructed in accordance with the fundamental principles laid down by Langley.—Prof. T. Brailsford Robertson, in The Canadian Magazine for October.

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Are you saving for Victory Bonds?

Your job is to grub stake this world.

That is what you are up against, and

it is quite a job. You can do it. You

have done it for four years, and what

was done then can be duplicated.

There is no such thing as a food

surplus in this world. The universe

is living from hand to mouth as prob-

ably never before in its history.

The stocks of food have been wiped

out, and the producers have been from

the land in large numbers. The call

to those remaining is much louder

than ever before. It is more insistent,

and its demands must be heeded.

The full dinner pail is but a memory

for millions on this earth. It can be

filled sufficiently to keep life going,

but it can only be filled by you. It

can't be done in Europe. It must be

done here.

Not until the Hun is hammered into

submission, not until peace is declared

and commerce resumes its wonted

way can we let up for a minute.

Get the tractors on the land. Keep

them working day and night. Turn

over more acres of land.

This can be done. You have the

patriotism, the courage, and the hero-

ism to do it.

PLOUGH.

Are you saving for Victory Bonds?

GAS NOW MADE FROM STRAW

A Farmer Can Make in 1 1/2 Hours

Gas For Three Weeks

Ottawa, Sept. 30.—To demonstrate

the practicability of the method of

producing gas from straw devised by

Prof. R. D. MacLaurin, of the University

of Saskatchewan, and Mr. Harrison,

of Moose Jaw, a plant will be

installed upon a farm in Saskatchewan

and will, it is hoped, be in operation

this winter. The Advisory Council

for Scientific and Industrial Research,

under whose auspices Prof. MacLaurin

and Mr. Harrison made their experiments,

has appropriated \$1500 to meet the cost of the

resort, used for distilling the gas, "scrubber"

for purifying it, and the reservoir for

storing it. The apparatus will be erected

on a farm near Saskatoon where

there is no domestic coal supply and

where the operations can be carried on

under the supervision of Prof. Mac-

Laurin.

By the system which is to be given

a practical test, gas, suitable for

lighting, heating, and cooking can be

directed from ordinary straw by a

process of destructive distillation.

With a plant which in peace time

would cost only \$500, but which is

now considerably more costly, a farmer,

it is said, could generate in an hour

and a half enough gas for domestic

use for three weeks. The invention

is of particular importance to the

people of western Canada, where fuel

for domestic use is scarce and expensive,

and where it is estimated twenty

million tons of straw have been de-

stroyed annually. It may also be of

small value to farmers in other parts

of the country.

Prof. MacLaurin's apparatus and process

were exhibited at the National

Exposition of Chemical Industries of

the past few days in New York. They

will be given a trial in the United

States.

To save is the easiest of practices—

if you have the will.

Are you saving for Victory Bonds?

GIN PILLS

FOR THE KIDNEYS

Have restored thousands of Cana-

dians to health and strength by

building their kidney or bladder

trouble.

The National Drug & Chemical Co.,

of Canada, Limited, Toronto,

577 Bloor St. W. Tel. 500, 501, 502.

NEW LOBSTER
REGULATIONS

Lobster Fishermen Must Get
License in the
Future.

Ottawa, Oct. 6.—Important new regulations with regard to lobster fisheries on the Atlantic are embodied in a statement issued today by the naval department. The statement shows that under the new regulations the fishing seasons have, as a general thing been materially shortened, so as to afford needed additional protection to the fisheries. The action has been taken after investigation by experts of the department and in line with regulations which were adopted at a conference held in Halifax last August between all those engaging in the industry. Following is a synopsis of the regulations:

In Charlotte and St. John Counties the fishing season is shortened by one week at the last end, so that fishing will cease in Charlotte County on June 8 and in St. John County on May 23; size limit 10 1/2 inches in Charlotte and nine inches in St. John.

Kings and Annapolis fishing season January 15 to June 20, size limit, nine inches.

Digby County to Halifax Harbor inclusive, fishing season March 1 to May 31, inclusive. No size limit.

Halifax harbor to Red Point, Cape Breton, fishing season April 20 to June 20, inclusive, no size limit.

Red Point to Cape North, Cape Breton, fishing season May 16 to July 15. No size limit.

From Cape North around the coast to and including the south side of River St. Lawrence, with the exception of a portion of Northumberland Strait, not closed, fishing season April 20 to June 25. No size limit.

Port of Northumberland Straits between a line drawn from Chalkfish River, N. B., to West Point, P. E. I. and one drawn from River Phillip, N. B., to Victoria Harbor, P. E. I., fishing season August 16 to October 15. No size limit.

Magdalen Islands, fishing season, May 10 and July 20. No size limit.

North Shore of the Gulf of St. Lawrence, including Anticosti Island, fishing season, May 20 to June 31. No size limit.

Every lobster fisherman shall hereafter require a license before engaging in fishing. The initial fee for such licenses is twenty-five cents. It is understood that fishermen or canners breaking the law will have their licenses cancelled.

EMBARGO IS OFF LOBSTERS

A cable from The Canadian High Commissioner in London on Sunday

states that the British Government

have permitted the importation of

lobster until February 22nd, 1919.

obsters until February 22nd, 1918.

Are you saving for Victory Bonds?

POTATO SEED SELECTION.

(Experimental Farms Note.)

Like begots like in potato fields as

elsewhere, but judging by the quantities

of inferior tubers used for seed

purposes, the importance of this law

is not appreciated by many. The use

of small potatoes taken from the bulk

of the crop, year after year, and used

for seed will eventually lead to yields

of inferior potatoes.

At potato digging time the great

opportunity for seed selection is offered.

With the product of each plant

spread on the soil it is an easy matter

to select out those plants that have

given the largest yield of the most

desirable type of potato and are free

from disease. The potatoes from such

plants only should be gathered and

saved for use as seed the following

year. The saving of seed at digging

time may seem to many as an extra

burden during a rush of work, but it is

not.

There is less arduous labour attached

to seed selection at the time of the

potato harvest than there is by practicing

any other method of seed collection.

Furthermore, the results

from hill selection are reasonably certain

while with other methods there is some

speculation. Potato growers

would do well to watch closely for

exceptionally good plants. These, harvested

and saved apart from the main crop,

may become the grand-dads of

fine potato fields in the future.

TEACHERS AGREEMENTS.

Teachers' Agreements can be procured

at the Graphic office. Sent post paid or receipt of 10 cents for two—11.

IT SAVED MY HAND.

"I am a blacksmith. I contracted a sore finger, which led to blood-poisoning. After three months of doctoring, the finger had to be cut off. It was too late! The poison had spread to my hand and arm. My hand was opened and the bone scraped. No use! Doctors said hand would have to be taken off. I