

# THE DAILY EXAMINER.

TERMS:—FIVE DOLLARS A YEAR.

"This is true Liberty, when Free Born Men, having to advise the Public, may speak free."—EURIPIDES.

SINGLE COPIES TWO CENTS

NEW SERIES.

CHARLOTTETOWN, P. E. ISLAND, TUESDAY, JANUARY 27, 1891.

VOL. 27.—NO. 45

## CALENDAR FOR JANUARY, 1891.

MOON'S CHANGES.

Third Quarter, 3rd day, 5h., 59 n., a. m., S  
New Moon, 10th day, 11h., 12m., a. m., S  
First Quarter, 17th day, 2h., 5m., a. m., W,  
below horizon.  
Full Moon, 24th day, 8h., 13m., p. m., S. E.

D. DAY OF WEEK	Sun rises	Sun sets	Moon rises	Moon sets	Days between
1 Thursday	7 49	4 18	10 50	2 27	8 29
2 Friday	49	19 11	53 3	10	30
3 Saturday	49	20	morn	4 3	31
4 Sunday	49	21	0 57	5 5	33
5 Monday	48	22	2 5	6 15	34
6 Tuesday	48	24	3 15	7 23	35
7 Wednesday	48	25	4 19	8 23	36
8 Thursday	48	26	5 14	9 17	38
9 Friday	48	27	6 5	10 7	39
10 Saturday	47	28	7 50	10 56	40
11 Sunday	47	29	8 50	11 40	42
12 Monday	47	31	9 30	morn	44
13 Tuesday	46	32	10 4	0 26	46
14 Wednesday	46	33	10 31	1 9	48
15 Thursday	45	34	10 39	1 53	50
16 Friday	45	36	11 17	2 40	52
17 Saturday	44	37	11 48	3 36	54
18 Sunday	43	39	12 2	4 43	56
19 Monday	42	40	0 27	5 1	58
20 Tuesday	41	41	1 1	7 12	60
21 Wednesday	40	42	1 42	8 12	62
22 Thursday	39	44	2 29	9 3	64
23 Friday	38	45	3 24	9 47	67
24 Saturday	37	47	4 22	10 27	69
25 Sunday	36	48	5 29	11 5	72
26 Monday	35	50	6 35	11 38	74
27 Tuesday	34	51	7 32	12 11	77
28 Wednesday	33	53	8 40	0 42	79
29 Thursday	32	54	9 42	1 14	82
30 Friday	31	5	10 45	1 48	85
31 Saturday	7 40	4 57	11 50	2 26	87

**DR. GEO. A. BAYNES,**  
PHYSICIAN AND SURGEON.  
Specialist in Chronic Diseases  
CHARLOTTETOWN.

OFFICE—Queen Square, over Apothecaries  
Hall. Postal Address, Box 47.  
jy3—dy wy

**HARRIS & STEWART**  
Will be obliged for an early settle-  
ment of all Accounts rendered  
up to the 1st of January, 1891.  
jan 9 1w

**A CURE IS CERTAIN**  
—IN EVERY CASE—

When a Faithful Trial is Given  
—TO—

**WOODILL'S**  
Worm Lozenges.  
nov 12

**WOOD! WOOD!**

OWING to the scarcity of Coal I have  
started a Wood Yard, and am prepared  
to supply Hardwood at a reasonable price,  
cut up to suit stoves, and delivered to all  
points in the city.  
A. DOWN,  
Pownal Wharf.  
jan 13—4f

Settlement to Dec. 31st, 1890.

WE request a settlement of all accounts  
due, notes, judgments, etc., before  
the end of January. All debtors will please  
take notice and save us trouble and them-  
selves expense.  
\* NORTON & FENNELL.  
jan 14—dw 3w pat dw 3w her sum jour

**SHARP'S**  
TRADE MARK  
**BALSAM**  
OF HOREHOUND AND ANISEED  
FOR  
CROUP, COUGHS, AND  
WHOPING COUGH, COLDS.  
OVER 40 YEARS IN USE.  
PRICE 25¢ PER BOTTLE.  
ARMSTRONG & CO. PROPRIETORS  
St. John, N. B.

**WINTER CROSSING!**

THE WINTER ROUTE between Cap  
Traverse and Cape Tormentine is now  
open. Passengers and Luggage at the regu-  
lar rates. Passengers will find this route  
very much the cheapest. Passengers accom-  
modated in the very best manner.  
CAPT. GEORGE IRVING.  
dec 26—3m eod wky

## NOTICE!

On account of the great increase of our Furniture  
Business, we find we require the exclusive use of our  
Machine plant for the manufacturing of our own stock.  
Consequently we are compelled to discontinue doing Custom  
Planing, Band Sawing, Turning, e'c., and we desire to  
thank our many patrons who have favored us with this  
class of work in the past.

We are now splendidly fitted up for manufacturing Fur-  
niture, School Desks, Pew Seats, etc., at remarkably cheap  
prices and in good workmanship manner, and invite com-  
parison of prices, styles, etc.

**MARK WRIGHT & CO., LTD.**

Charlottetown, January 15, 1891.

**Hazard & Moore,**  
PRINTERS, BOOKBINDERS,

**BLANK BOOK MAKERS.**

Our Motto: Best Workmanship and Lowest Prices.

**STATIONERS!** A Complete Stock of PLAIN and FANCY STATION-  
ERY, at prices that cannot be beaten.

**Headquarters for Books of all kinds.**

**SCHOOL BOOKS! SCHOOL BOOKS!**

Charlottetown, January 6, 1891—w f s

Yes! but  
**Cleaver's**  
Transparent  
**Soap**  
Is the Best.  
Good Evening

## BARGAINS!

Chairs, Tablas, Lounges, Sofas,  
Sideboards, Cheffioniers, Bookcases,  
Picture Framing, etc.

Looking Glasses and Mirrors,  
Parlor Sets, very good, cheaper  
than ever offered. Chamber Sets!  
Chamber Sets!

Everything in Household Furni-  
ture. Call and inspect. Cheapest!

**JOHN NEWSON,**

SOUTH SIDE OF QUEEN SQUARE,  
OPPOSITE THE POST OFFICE.

Charlottetown, Dec. 26, 1890.

**Watches, Jewelry and Spectacles**  
**FOR 1891,**

**E. W. TAYLOR'S,**

**CAMERON BLOCK.**

Charlottetown, January 3, 1891.

## Agricultural Meeting

AT VERNON RIVER BRIDGE.

Large Gathering and Great  
Interest.

[CONCLUDED.]

After the reading of this paper, there  
was a short conversational discussion in  
respect to the soil of this Province, and  
particularly that of the Vernon River set-  
tlement. The latter was described by Mr.  
Charles McMillan as a heavy, deep soil—  
about as good land naturally as there is in  
P. E. Island. Mr. McMillan expressed  
the opinion that this land would yield bet-  
ter crops in a dry season than land which  
is light and sandy. On the other hand,  
Mr. Owen Sullivan referred to the ten-  
dency of this land to bake on the top and  
crack under the heat of the sun, thus re-  
tarding vegetation. Mr. McCabo said that  
his experience corresponded with that set  
forth in the excellent paper which he had  
just heard read.

PROFESSOR SHUTTLEWORTH showed that  
if a clay soil be clogged, the capillary ac-  
tion of the ground water will be checked;  
the land will be cold just below the sur-  
face where the young roots are, and it will  
bake on top, thus breaking the roots and  
hindering growth. Such land, he said,  
needs drainage and thorough cultivation.  
PROFESSOR SHUTTLEWORTH then proceed-  
ed with his lecture on "The Plant in its  
relation to the Atmosphere and the Soil." He  
dwelt upon the fact that the produc-  
tion of cattle and their products is abso-  
lutely dependent upon the growth of plants  
and that, therefore, the growth of plants  
is the basis of agriculture. There are  
three factors in the growth of plants: the  
soil, the atmosphere and the sun. The con-  
stituents or elements of plants are (1) com-  
bustible—viz., carbon, oxygen, hydrogen  
nitrogen and a small quantity of phos-  
phorus and sulphur; (2) incombustible, viz.,  
potassium, phosphorus, sulphur, mag-  
nesium, calcium, iron, sodium, silicon,  
chlorine and manganese. Plants draw  
from the atmosphere oxygen and carbonic  
acid; and from the soil, water, nitrates,  
and ash matter. Every essential element  
of the plant must be furnished or it will  
not grow. Oxygen, though drawn from  
the air, is taken up by the plant through  
the roots;—therefore the necessity of surface  
cultivation in order that the soil may be loose  
and open to admit to the roots an abun-  
dant of this essential element. Carbonic  
acid, on the other hand, is absorbed by the  
plant by means of its leaves and digested  
under the action of sun-light; therefore, the  
importance of planting certain crops, such  
as corn, in drills, so that the sun and air  
may reach them at every point. The soil,  
the other source of plant food, furnishes:  
(1) water of which, after the reading of  
Mr. McLean's paper, nothing need be  
said; (2) nitrates from which the  
plant obtains nitrogen and (3) ash matter. In  
respect to some of the constituents of plants  
the soil cannot be exhausted; but of nitrogen  
and phosphorus and potassium it can. These  
elements must be returned to the soil or the  
land will sooner or later run out. Professor  
Shuttleworth here referred to an illustration,  
made up as a result of careful experiment  
and analysis by the great agricultural au-  
thorities, Lawes & Gilbert. This showed the  
several constituents the following crops re-  
move from an acre, and the difference in the  
degree of actual exhaustion when the crops  
are sold, and when they are fed upon the  
farm. By the kindness of Professor Shuttle-  
worth, we are permitted to quote as follows:

	Potash.	Phos.	Nitrogen.	Drawn from soil.
100 bush.	\$12.50	21 lb.	40 lb.	soil,
" "	20.20	23 "	69 "	fed,
" "	1.02	1.1 "	3.5 "	soil,
" "	5.36	10.5 "	24.2 "	soil,
" "	4.65	9.5 "	21 "	soil,
" "	23.23	10.5 "	34.13 "	soil,
" "	7.00	15 "	69.3 "	soil,
" "	11.70	0.75 "		fed,

So that, having regard to the fertility of the  
soil, it is much better to sell off the farm  
sheep, cattle, horses, and their products, than  
it is to sell potatoes, oats, etc. In disposing  
of these raw products we are selling our labor,  
but giving the fertility of our farms away.

Professor Shuttleworth suggested here  
the formation of a Farmers' Institute at Vernon  
River, invited discussion and resumed his seat.  
Mr. Thomas Richards desired information  
as to the sources of potash.

PROFESSOR SHUTTLEWORTH—It was easily  
obtained in hardwood ashes, for the  
hardwoods draw from the soil comparatively  
large quantities of potash; it is also mined  
in some places and taken in large quantities  
direct from the earth.

Mr. Owen Sullivan desired to know the  
cause of the partial failure of the oat crop?  
Professor Shuttleworth said that it was  
in his opinion due in part to partial exhaus-  
tion of the soil the result of overcropping,  
and (last year) in great part to the presence  
of the insect known as the aphid.

Mr. SULLIVAN asked what was to be done  
with land that had been spoiled by too  
much mussel mud?

Professor Shuttleworth explained that  
the exhaustion of the soil, as a result of the  
application of too much mussel mud, is due

to the action of the lime of which the shells  
are composed. If the fertilizers which have  
been worked out of the soil by reason of  
the solvent action of the lime are restored,  
the crops will probably be better. The  
application of a liberal coat of barnyard  
manure would, probably, restore the fer-  
tility of the soil. But the action of lime in  
the soil is constant, and fertilizing ele-  
ments held in solution as a result of its  
action are apt to be washed away. He  
considered marsh mud a much better  
manure than mussel mud, inasmuch as it  
contains a large amount of organic matter  
and no lime. The shells do the harm.  
Lime, if at all necessary, should be very  
carefully and judiciously applied. Asked  
how much lime he would apply to the acre,  
Professor Shuttleworth said: "I would  
apply none; I think that quite enough."

Donald McEachern (blacksmith) took  
strong ground against Professor Shuttle-  
worth in respect to the use of lime, and  
stated that Tyson and other settlements  
which have used lime as a manure for many  
years past, are among the best farming dis-  
tricts in the Province.

Mr. Cody asked whether it was better to  
apply the manure fresh from the stables or  
to allow it to heat?

PROFESSOR SHUTTLEWORTH said that ac-  
tive fermentation should not in any case be  
permitted. But slow fermentation will not  
cause the nitrogen to be lost, and the fertiliz-  
ing ingredients of the manure are more  
readily assimilated by the plants than those  
of green manure. Green manure may be  
applied to the fields without loss, though if  
applied in winter much of it is apt to be  
washed into the hollows and brooks, so to be  
lost to the crops. It is better to apply de-  
composed manures to sandy soils in the  
spring, and thus keep the surface more com-  
pact. Clay soil, which is apt to be dense  
and hard, may, however, with advantage be  
dressed with long green manure which will  
help to loosen it up, assist capillary action  
and admit the air.

Asked concerning the value of gypsum,  
Professor Shuttleworth said that it was bet-  
ter than lime, inasmuch as it contains sul-  
phur required by some plants. It is excel-  
lent as an absorbent, a capital thing to fix  
the ammonia, and may with advantage be  
used about the stable and the manure heap.

Asked concerning the best time to plough,  
Professor Shuttleworth said that fall plough-  
ing is much the best.

Finally McPhail approved of Professor  
Shuttleworth's suggestion that a Farmers In-  
stitute be established at Vernon River.

Charles McMillan said that that part of  
the country was behind in the raising of stock,  
and advocated the calling of meetings to pro-  
mote the improvement of a stock.

In reply to the question Professor Shuttle-  
worth said that the sugar beet, as indeed roots  
of all kinds, will grow well here. If a sugar  
factory were established here, the pulp of the  
beets would be returned to the farmers, and  
thus all, or nearly all the fertility which they  
would draw from the soil would be returned  
to it.

There was a good deal of spirited discussion,  
and some of the questions asked were decid-  
edly amusing, as for instance: "Where, Mr.  
Shuttleworth, can we get enough hay for the  
winter?"

On motion of George Forbes, Esquire,  
M. P. P., it was resolved that a meeting of  
farmers be held on Tuesday evening next for  
the purpose of organizing a Farmers Institute.

The thanks of the meeting were then un-  
animously conveyed to Professor Shuttleworth  
and Mr. McLean for their address and paper,  
and to the editor of THE EXAMINER for his atten-  
tion and the interest he has shown, and to  
the chairman for his able conduct of the meet-  
ing.

The meeting closed with the singing of  
"God Save the Queen."

## Trotting at Souris.

A correspondent writes: Trotting has  
commenced here for the winter. There has  
been good ice on the bay now for the last  
two weeks and we have had already one good  
horse trot. Last Thursday there was a match  
race between R. L. McDonald's b. g. Prince,  
A. McCormack's r. g. Y. H., and J. Kennedy's  
y. g. Happy Jack. It was a well contested  
race and gave rise to much sport. T. H.  
took the first heat closely pressed by Happy  
Jack. In the second heat Prince worked  
better and came to the front with a brave  
effort. In the third T. H. did good work and  
won the heat by half a length. The fourth  
heat was very exciting and was a contest  
between the owners, who were also drivers,  
as well as between the drivers. R. L. Mc-  
Donald proved to be the best jockey and  
brought his horse to the front with excellent  
skill. He was loudly cheered for winning  
the race.

Arrangements are being made for a day's  
trotting on a larger scale, on Thursday next.  
Purses will be offered for different classes,  
and in addition a match race is being arranged  
between G. B. McEachern's horse Nelson,  
and A. R. McDonald's horse Harry. These  
horses trotted here last winter, and a race  
between them now will be of unusual interest.

## Rain and Wind Storm in New England.

Exchanges to hand on Saturday evening  
show that the rain storm which passed over  
the New England states on the 21st and 22nd,  
as already intimated in THE EXAMINER, did a  
vast amount of damage. At Danbury the  
river overflowed its banks, and the floors of  
factories along the river and cellars in all  
parts of the city were flooded. The schools  
were closed and all business was practically  
suspended. At Attleboro, the gate was the  
worst known at this season for many years.  
A large jewelry shop of the Norton jewelry  
company at Charley, nearly completed, was  
blown to the ground, causing a loss of about  
\$5,000. At Palmer, Mass., the river rose six  
feet, and many houses, barns and cellars  
along the banks were flooded. Two miles  
east of the village the tracks of the Boston &  
Albany railroad were 18 inches under water.  
The water was five feet deep in the basement  
of the Union passenger station. Advice  
from Great Barrington, Mass., state that the  
water came pouring down the hill west of the  
village, and in a short time the sewers were  
choked up, and cellars on the Railroad and  
main streets filled to the depth of six to eight  
feet. Reports from various parts of Connecti-  
cut indicate that considerable damage was  
done by the high water, caused by the rain.  
Considerable damage is also reported in the  
vicinity of Poughkeepsie.

**I took Cold,  
I took Sick,  
I TOOK  
SCOTT'S  
EMULSION**  
RESULT:  
**I take My Meals,  
I take My Rest,  
AND I AM VIGOROUS ENOUGH TO TAKE  
ANYTHING I CAN LAY MY HANDS ON;  
getting fat too, for Scott's  
Emulsion of Pure Cod Liver Oil  
and Hypophosphites of Lime and  
Soda NOT ONLY CURED MY INCON-  
FIDENT CONSUMPTION BUT BUILT  
ME UP, AND IS NOW PUTTING  
FLESH ON MY BONES**  
AT THE RATE OF A POUND A DAY. I  
TAKE IT JUST AS EASILY AS I DO MILK.  
Scott's Emulsion is put up only in fa-  
mous color wrappers. Sold by all Druggists at  
50c. and \$1.00.  
SCOTT & BOWNE, Belleville.

## GOOD TIME COMING.

A GRAND SUPPER and ENTERTAIN-  
MENT, to be held at New Glasgow  
Hall, on TUESDAY, the 27th day of Janu-  
ary, in aid of the new Presbyterian Church.  
Admission, 25 cents. Doors open at 6 o'clock.

SEALED TENDERS addressed to the under-  
signed, and endorsed "Tender for Scows,"  
will be received until FRIDAY, the 6th day of  
February next, inclusively, for the construction  
of Three Centre Dumping Scows, according to a  
plan and specification to be seen on application  
to the Collector of Customs at Pictou, N. S.,  
Charlottetown, P. E. I., at the Office of the  
Superintendent of Dredging, Public Works  
Office, St. John, N. B., and at the Department of  
Public Works, Ottawa.  
Tenders will not be considered unless made on  
the form supplied, and signed with the actual  
signature of tenderers.  
An accepted bank cheque, payable to the order  
of the Minister of Public Works, equal to five  
per cent. of the amount of tender, must accom-  
pany each tender. This cheque will be forfeited  
if the party decline the contract or fail to com-  
plete the work contracted for, and will be re-  
turned in case of non-acceptance of tender.  
The Department does not bind itself to accept  
the lowest or any tender.  
By order,  
E. F. E. ROY,  
Secretary.  
Department of Public Works,  
Ottawa, 3rd Jan., 1891. } 31—jan 24

**FRED. de C. DAVIES,**  
Dispensing Chemist & Druggist,  
Great George Street, opposite the  
R. C. Cathedral.

**PURE DRUGS AND CHEMICALS,** Pa-  
tent Medicines of all kinds; Horse Pre-  
parations, viz., Condition Powders, Lin-  
iments, Blisters, etc.  
Special attention, at any hour, given to  
Physicians' Prescriptions, day or night.

**DAVIES' SALVE**—positively no equal in  
the market. Once tried, no other used.  
Price 25 cents per box.  
Also—The Genuine No. 7 Liniment, 25 cts.  
a bottle, and Dr. Eaton's Asthma Remedy,  
price 25c., 50c. and \$1.00 per bottle.

Splendid line of French Perfumes and Toi-  
let Preparations; Atkinson's, Colgate's, Gos-  
nell's and other celebrated makers' Perfumes;  
Pearl's, Mergensol's, Colgate's, Crown Per-  
fume Co's., Cuticura, Morse's, Herles' and  
Albert Soap Co's. Soaps.  
Havana Cigars—the finest line in Char-  
lottetown—Oscar Amanda, Entre Nous, New-  
ton, Queens, Picador, and other well-known  
brands.  
Pipes, Tobaccos and Smokers' Requisites  
generally.  
jan 20

## DISSOLUTION OF PARTNERSHIP

THE partnership between the undersigned,  
as Barristers and Attorneys, under the  
style of PALMER & McLEOD, having termi-  
nated by lapse of time, is dissolved from  
this date.

Dated at Charlottetown, the 31st day of  
December, A. D., 1890.  
MALCOLM McLEOD,  
H. J. PALMER,  
D. C. McLEOD.  
jan 7—all Island prs dy 3w wky 2m

## NOTICE.

THE undersigned have entered into part-  
nership as Attorneys and Solicitors, under  
the name of

**M. & D. C. McLEOD,**  
and continue the practice of the profession at  
the offices of the late firm, Bank of Nova  
Scotia Building, Charlottetown, P. E. I.

MALCOLM McLEOD,  
D. C. McLEOD.  
Charlottetown, Jan. 2, 1891.  
jan 7—all Island prs dy 3w wky 2m

**H. JAMES PALMER,**  
(of the late Firm of Palmer & McLeod),  
Barrister and Attorney-at-Law,

**NOTARY PUBLIC, &c.**  
OFFICE—O'Halloran's Building, next door  
to Bank of Nova Scotia. Money to Loan.  
jan 7

## FOR SALE.

A CABINET ORGAN, Bell's, nearly new,  
eleven stops. Would do for a small  
Church. Will be sold at a large discount on  
price. Also—A Double-Seated Sleigh.  
R. K. JOST.  
jan 17—eod ff pat