

The Messenger Almanac.

November.

Full Moon, Nov. 1st, 7h. 16m. afternoon.
Last Quarter, " 8th, 1h. 3m. "
New Moon, " 15th, 8h. 33m. "
First Quarter, " 24th, 0h. 12m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 30th with corresponding times.

THE TIDES.—The column of the Moon's
Southern gives the time of high water at
Parrsboro, Cornwallis, Horton, Hantsport,
Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine,
2 hours and 11 minutes LATER than at
Halifax. At Annapolis, St. John, N.B.,
and Portland Maine, 3 hours and 25 minutes
LATER, and at St. John's, Newfoundland,
20 minutes EARLIER, than at Halifax.

FOR THE LENGTH OF THE DAY.—Add 12
hours to the time of the sun's setting, and
from the sum subtract this time of rising.

FOR THE LENGTH OF THE NIGHT.—Sub-
tract the time of the sun's setting, from
12 hours and to the remainder add the time
of rising next morning.

READ THIS!!

C. E. & G. O. GATES.

MANUFACTURERS AND IMPORTERS OF
Organs and Pianos,
MELVERN SQUARE,
Wilmot, N. S.

Encourage native enterprise and save
the duty, freight, commission, and profit
on American instruments.

SEND FOR A PRICE LIST.

BAPTIST CHURCH REQUISITES.

- Articles and Covenant \$1.00 per 100.
Church Record and Register \$2. and \$3.
each.
Alphabetical List of Members 40 cents
each.
Letters of Dismission 50 cts. per quire.
Psalmists, in all varieties, from 75 cts.
Baptist Hymn Book from 50 cts.
Baptists Hymn and Tune Book \$1.00
and \$2.25.
Scripture Catechism, \$6.00 per 100.
CHRISTIAN MESSENGER OFFICE,
No. 67 & 71 GRANVILLE ST., HALIFAX,
April 15.

For Consumption

And all diseases that lead to it, such as
COUGHS, NEGLECTED COLDS, BRONCHITIS,
PAIN IN THE CHEST, AND ALL DISEASES
OF THE LUNGS.

ALLEN'S LUNG BALSAM

IS THE GREAT MODERN REMEDY

IT IS WARRANTED to break up the
most distressing Cough in a few hours
time, if not of too long standing. It is
WARRANTED to give entire satisfaction
even in the most confirmed cases of Con-
sumption! It is WARRANTED not to pro-
duce costiveness (which is the cause with
most remedies), or affect the head as it
contains no Opium in any form. It is
WARRANTED to be perfectly harmless to
the most delicate child, although it is an
active and powerful remedy for restoring
the system. There is no real necessity for
so many deaths by Consumption, when
Allen's Lung Balsam will prevent it, if
only taken in time.

PRICE \$1 PER BOTTLE.

SOLD BY ALL DRUGGISTS.

April 22.

A MAN OF A THOUSAND.

A CONSUMPTIVE CURED.

When death was hourly expected from
CONSUMPTION, all remedies having failed,
accident led to a discovery whereby Dr.
H. James cured his only child with a
preparation of CANAXES INDIA. He now
gives this recipe free on receipt of two
stamps to pay expenses. There is not a
single symptom of consumption that it
does not dissipate—Night Sweats, Irrita-
tion of the Nerves, Difficult Expectora-
tion, Sharp Pains in the Lungs, Nausea
at the Stomach, Inaction of the Bowels,
and Wasting of the Muscles.
Address CRADDOCK & CO.,
162 Race Street, Philadelphia, giving
name of this paper. Pa.
Oct. 21. 11w. eow.

CANVASSING AGENT,

WANTED for popular and ful works,
on more liberal discounts than ever before
offered by any. Apply at once to
JOHN KELLAM, SENR.,
Yarmouth, N. S.
Sept. 20. 4 ins.

AGRICULTURE.

LIME IN AGRICULTURE.—The agri-
cultural action of lime is both chemical
and mechanical, and its application, in
proper quantities, to almost every kind
of soil, is followed by beneficial results.
It acts in several ways, but chiefly dis-
solving excessive accumulations of vege-
table matter that has become inert,
thus rendering it soluble and fit for
plant food; and by acting upon and
facilitating the appropriation of mineral
matter for the same purpose. Al-
though lime is present in most soils, it
is usually so in small quantities—much
too small to supply the crop demands;
or, should the natural quantity be suf-
ficient in some cases to aid vegetation,
since all plants require lime, it follows
that, with successive cropping, the
supply must soon be exhausted, and
the land, as a consequence, be impover-
ished. Boggy or peaty soils have their
fertility often hindered by what is
known to chemists as sour humus, that
is an accumulation of undecomposed
vegetable matter which is likewise pre-
sent in a greater or less degree in all
long-cultivated lands, and which is
supposed to exercise an injurious effect
upon plant-growth. When existing
only in moderate quantities, this humus
is beneficial, but when, as in boggy
soils, it is present to a hurtful degree,
the remedy is a plentiful application of
lime. In the action that follows such
application, not only is the injurious
humus dissolved and rendered available
as plant food, but during the process of
decomposition, three other most im-
portant ingredients are formed, carbonic
acid, nitric acid and ammonia, the first
named constituting one of the chief
supports of vegetable life, while the
other two are of equal importance to
the soil, the one combining with what
humus still remains undecomposed, the
other uniting with bases to form nit-
rates. In cold, stiff, clayey soils, again
the action of lime is very similar and
equally beneficial, its functions being
now, however, exercised chiefly on
mineral instead of vegetable constitu-
ents. In clay we find several alkalies,
especially potash which, in combination
with alumina and silicic acid, exists in
a condition in which it cannot be dis-
solved and conveyed to the roots of
plants, by the solvent power of rain.
The action of lime here is to dissolve
this substance and combine with the
alumina and silicic acid, setting the al-
kalies free, and these latter, being
readily soluble in water, are thus dis-
tributed throughout the soil and ren-
dered available for as food for plants.
Mechanically, lime acts upon boggy and
clayey soils by transforming them into
a more finally decided condition. The
former it fits for a more uniform in-
corporation of fertilizers; the latter it
renders less tenacious, more open
and porous, and thus prevents its
consolidation into a mass of matter
impenetrable by the roots of growing
vegetables, air, heat, &c. Summariz-
ing the whole, we may classify the
agricultural effects of lime as four-fold;
it is, a necessary ingredi-
ent of plant food, and must be applied
as such; it disposes inert vegetable
matter to become food for the plant; it
dissolves mineral matters in a similar
manner and renders it available for a
similar purpose; and finally, its effects
are mechanical. Notwithstanding all
its good properties, however, lime must
not be used indiscriminately, but with
the fullest regard to the condition and
circumstances of the soil to which
it is to be applied.—Canada Farmer.

APPLE BUTTER.—If you have a
barrel or kettle, take thirty gallons of
sweet cider—that just from the press
is to be preferred, boil it down to one-
third of the quantity; then add altogether
about two bushels of pared, quartered
cored sweet apples, about one-third at
a time, judging as to the quantity of ap-
ples; then stir the whole mass constan-
tly with a long-handled wooden stirrer,
reaching down to the bottom; this stir-
rer must be from four to five inches
broad at the bottom, rounded a little to
fit the bottom of the kettle, and have
half a dozen or more half inch holes
bored through it. The mass must be
kept boiling and stirred until the whole
is reduced to say one-half the original
quantity of cider, assumes a dark col-
our and is perfectly smooth and palat-
able. For this purpose samples should
be taken out and tasted. When done
it should be put in jars, well tied over
with paper, and placed in a cool place.
Otherwise it may "work" and lose a
great deal of its value.

Equal parts of tin and copper form a
white speculum metal as hard as steel.

SCIENCE.

CENTENNIAL BUILDINGS TO RE-
MAIN.—The Fairmount Park Com-
mission has yielded to the popular de-
mand, and the Main Exhibition Build-
ing is to remain, to be used as a grand
bazaar and industrial fair; with the pro-
viso, however, that the structure is to
be removed after two years' notice shall
have been given. The charge for ad-
mission is restricted to 25 cents for five
days of the week, and 10 cents on Sat-
urday; and when the income it yields
is sufficient to pay expenses and inter-
est on the investment, the admission
fee is to be still further reduced, so that
the public may enjoy the exhibition at
the lowest possible charge for entrance.

The British Government has recent-
ly presented Philadelphia with the
handsome buildings now occupied by the
British Commission. What with the
Main Building, Memorial Hall,
Horticultural Hall, and probably Ma-
chinery Hall, together with the British
edifices, the statues, etc., it appears
that a considerable portion of the Cen-
tennial structures, will be left, affording
all the facilities for a very large perman-
ent display.
The Exposition closed on November
10; but visitors will continue to be ad-
mitted as usual after that date, in or-
der to provide necessary funds to de-
fray expenses of police maintenance,
etc.—Scientific American.

FARM FENCES.—The Centennial
Exhibition is of value in competitions
for cheapness of constructing articles of
necessity, as well as for the inventions
it brings together. In the matter of
farm fences one is shown which is made
by setting up posts, or boards of inch
stuff, and to these nailing the rails.
The posts are not sunk in the ground,
and hence there are no post holes to
dig. They are kept firmly in place
by a strip of board, one end of which
is nailed to the post just under the top
rail, the other end being nailed to a
stout stake driven diagonally in the
ground towards the post, and about
two feet from it. The alternate stake
and brace must of course be on the
opposite side of the fence. It is very
firm and substantial. The posts, not
being sunk in the ground, do not rot,
and the stakes are inexpensive and can
easily be renewed when required.

Another fence on exhibition was en-
titled the American self-locking fence.
In constructing this fence the main posts
are sunk in the ground as far apart as
will suit the rails, which can be of any
length desired. What is termed a rail
piece, a split or round piece of wood,
something shorter than the posts, is fast-
ened to the post lengthways by two
pieces of wire, one near the top and the
other near the bottom, and far enough
from the post to allow the ends of the
rails of the adjoining panels to be placed
between. The weight of the rails on
the wire is such as to lock the fence to-
gether, and make it firm and lasting.
This is a simple, easily constructed
fence, requiring no skilled labor to make
it, no nails, about a cent's worth of
wire, and a cheap post to each panel.

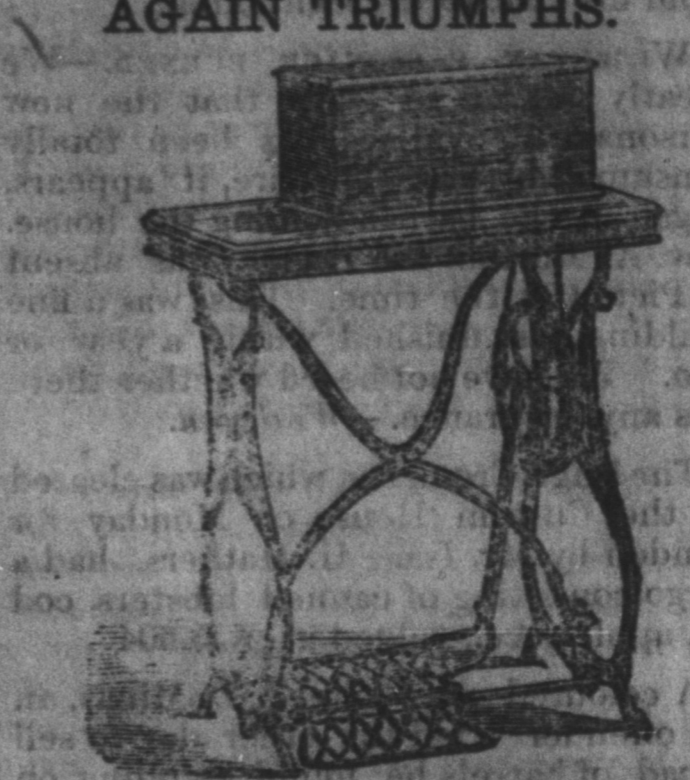
TRAINING CANARIES.—A gentle-
man residing at Phoenixville, says the
Reading Eagle, of Queensland, Aus-
tralia, has several very fine canary
birds to which he has given much at-
tention. One of the birds he has
taught to sing "Home, Sweet Home,"
clearly and distinctly. His mode of
instruction is as follows: He placed
the canary in a room where it could
not hear the singing of other birds, and
suspended its cage from the ceiling, so
that the bird could see its reflection in
a mirror. Beneath the glass he placed
a musical box that was regulated to
play no other tune but "Home, Sweet
Home." Hearing no sounds but this,
and believing the music proceeded from
the bird he saw in the mirror, the
young canary soon began to catch the
notes, and finally accomplished what
its owner had been laboring to attain,
that of singing the song perfectly.—
Scientific American.

Miss Anna M. Lea, of Philadelphia,
whose picture of the "Patrician Mo-
ther" in the Centennial Exhibition has
attracted attention, and to whom was
awarded by the judges one of the thir-
teen medals, has accepted an invitation
from Lord Dufferin, Governor-General
of Canada, to visit Ottawa, and paint
the portrait of Lady Dufferin.

If a loaf or cake has become rather
too stale for the table, moisten it a little
and then heat it through in the oven.

Patience is a plaster for all sores.

THE LIGHT RUNNING
ROYAL
AGAIN TRIUMPHS.



THE following are a list of Prizes taken
by the Light Running Royal at this
season's Fairs; which proves it to be the
people's favourite and the best family
Sewing Machine.
GLENGARY—Over the Webster, Os-
borne and Singer.
BEEVILLE—Over the Wheeler and
Wilson.
UNIONVILLE—Over the Wheeler and
Wilson, and others.
TILSONBURG—Over all Competitors.
WOODSTOCK—Over all Competitors.
PARIS—Over Raymond and Singer.
NAPANEE—Over Singer, Howe, Wan-
zler, and Osborne.
HARLEY—Over all Competitors for
Family work.
HARLEY—Over all Competitors for
light manufacturing.
GUELPH—Over all Competitors for
embroidering.
CHATHAM—Over all Competitors for
manufacturing.
DRUMBO—Extra Prize for all kinds
of work.
HAMILTON—Diploma for best display.
For a number of years past Canadian
Manufacturers have been in a measure
suppressed by the rivalry of these Ameri-
can Cousins, but in the Light Running
Royal they have found their equal and
got fairly beaten. It is without doubt the
lightest running and best Machine in use,
as you see by the above it has taken the
first Prize at all the principal Fairs.—
Head Office for the Provinces,
No. 50 GERMANS STREET,
St. John, N. B.

H. M. HAMILTON, Manager.
A few reasons why it is the best
Machine.
1st. It is never out of time but always
ready for use.
2nd. All the wearing parts are made of
steel or case hardened iron.
3rd. All the movements are derived
from the main shaft which gives to the
Machine great strength and durability.
4th. It is so constructed with set screws
so as to keep the Machine always in per-
fect order.
5th. The most perfect Braider invented.
6th. The bobbin can be filled without
running the Machine.
7th. Shuttle holds 50 yards of thread.
8th. Will sew from muslin to thick
cloth without changing the tension.
9th. The stitch can be changed without
stopping the Machine.
Each Machine is furnished with a full
set of attachments for hemming, felling,
cording, braiding, tucking, quilting and
felling.
Every Machine warranted perfect and
kept in repair one year free of charge.
Price list and Circular sent free to any
person on application.
Oil and Needles kept on hand.
Machines cleaned and repaired at short
notice.
Machines kept on hand on purpose to
rent by the week or month.
Any person having a second hand
Machine can exchange for a Royal by
paying the difference, or will furnish
any description of Machine wanted for
light or heavy work. For any informa-
tion wanted concerning Machines,
Address,
L. O. NEELY,
Aylesford, King's Co.

ROYAL LAMP HOLDER,

A very ingenious invention which can be
fitted to any Sewing Machine; which
enables the operator to sew by night as
well as day. It can be raised or lowered or
placed in any position required and can
with the aid of the reflector throw the
light anywhere wished. It does not soil
the work or cannot jar off the table, any
party wishing to get one by writing a
Postal Card will have one brought to
them as soon as possible.

Price with Lamp
complete \$2.50.

TESTIMONIALS.

BLACK ROCK, FEB. 4TH, 1876.
MR. NEELY, DEAR SIR,—
I am perfectly delighted with the
ROYAL SEWING MACHINE, it is al-
ways ready for use and I would ex-
change it for any Machine I ever saw.
Yours,
MRS. L. SWEET.

This is to certify that I am using one of
the ROYAL MACHINES in my family.
It does fine work splendid and I make all
my Carriage and Sleigh Cushions on it;
and it is always ready for use.
Yours,
W. P. BENNETT,
Carriage Maker.

This is to certify that I exchanged a
Machine I had with Mr. Neely a year ago
and got a ROYAL, and I have found it
just what I recommended it to be, a first
class Machine; and I would advise any
person that is in want of a Machine to
get a ROYAL.
MRS. E. G. READ
TREMONT, Feb. 9th, 1876.
Feb. 16.

CONSUMPTIVES READ.

VICTORIA, WILMOT, April 7th, 1875:
MESSRS. C. GATES & CO.

GENTLEMEN:—This is to certify, that I
was troubled with Bronchitis for about 12
years, and tried different preparations
which were recommended for it, but got no
relief until I used your LIFE OF MAN
BITTERS, SYRUP AND OINTMENT, and have
been troubled but very little in that way
since, which is now about three years; I
would highly recommend your medicines to
all suffering with throat and lung
diseases.
Respectfully yours,
DAVID FALES,
Sworn to, before me, April 9th 1875,
at Victoria, Wilmot.
WALLACE PHINNEY, J. P.

THE BAPTIST HYMN BOOK

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ciety, may be obtained at the
CHRISTIAN MESSENGER OFFICE,
HALIFAX.

CHEAP EDITION.—Square 18 mo.
Clear Azate type, 1,000 Hymns for 50
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Minion type. Sheep, 75 cents. Extra Tur-
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PEW EDITION.—18mo. Sheep, \$1.25.
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The Hymns of the Baptist Hymn Book
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to the strength of the binding.
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DRED AND TWENTY-FIVE TUNES FOR
ONLY \$1.00.

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C. L. WEEKS,

LONDON HOUSE BUILDING,

WATER STREET, WINDSOR.

SAVE 15 CENTS in every DOLLAR
by purchasing your
BOOTS and SHOES, HATS and CAPS
from
C. L. WEEKS.

DIAMOND RHEUMATIC CURE.

Effectually curing hundreds of our Nova
Scotia citizens from that terrible malady
RHEUMATISM.

This statement is substantially a FACT
based upon evidence in the possession of
the agent, in the shape of numerous tes-
timonials from past sufferers, in the walks
of life, and particularly from some of our
most respectable and trustworthy families.

DIAMOND RHEUMATIC CURE.

In its history, this invaluable Medicine
occupies the most honourable position pos-
sible for any remedy to attain. A few
years since it was known only to the
friends and neighbors and patients of the
proprietors, and always sought for by
them whenever troubled with Rheuma-
tism, and in this way came to the notice
of physicians generally, and through their
favorable expression, and its acknow-
ledged value as a Rheumatic Remedy, the
demand for it became so frequent and ur-
gent as to oblige its proprietors to in-
crease their facilities for its manufacture.
Its reputation rapidly extended, and soon
orders, letters of enquiry, letters of
thanks, and certificates of praise were
daily received from all sections of the
United States and Canada; and in this
way on a basis of its merit alone—unaided
by "tricks of the trade" or special ef-
forts—it has risen to its present enviable
position. Whenever introduced it has re-
ceived the most flattering preference in
the treatment of all rheumatic complaints.
In this we are really grateful and happy
not alone because our medicine finds
ready sale, and is consequently profitable
to us, do we say this, but because we open
a new field in medical science, and care
at once what the best medical practition-
ers have for ages found so difficult even to
relieve. We fill a place heretofore unoc-
cupied. We relieve the suffering and
minister to God's poor; we restore the la-
boring to the use of his injured limbs, and
save him scores of times its cost in doc-
tor's bills; we carry contentment and
gladness into the home of the afflicted,
and consequently are remembered by
millions of grateful souls.
The proprietor of this medicine has
walked the aisles of the Hospitals of Lon-
don, Eng., for the past twenty years,
making rheumatism a speciality, and the
prescription from which this remedy is
all he ever used in the treatment of this
disease.
This medicine is for sale at all the drug-
gists throughout Canada. If it happens
that your druggist has not got it in stock,
ask him to send for it to
FORSTHER & CO., Halifax.
General Agent for N. S., and O. B.
Oct. 28.

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