

TW

CA

DIVI
COI

PAINTS, OILS, VARNISHES, GLASS, PUTTY, &c., always in stock.

Being
20th of
Queen V
Calcu
North, s
tory, Gr
tude 41°
is in La
is arran
the Don

P

After Ju

JOHN HART, PERTH.

TWENTY-SECOND YEAR OF PUBLICATION.

HART'S
CANADIAN ALMANAC

AND

Repository of Useful Information

AND

DIVISION COURT DIRECTORY FOR THE
COUNTIES OF LANARK AND RENFREW.

FOR THE YEAR OF OUR LORD

1878.

Being the second after Bissextile or Leap Year, and until the 20th of June, the forty-first year of the Reign of Her Majesty Queen Victoria.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 30' 26''$ North, and Longitude $73^{\circ} 24' 22''$ West from the Royal Observatory, Greenwich. Also for the Meridian of Halifax, N.S., in Latitude $41^{\circ} 39' 20''$, and Longitude $63^{\circ} 36' 40''$, and for Perth, which is in Latitude $44^{\circ} 55'$, Longitude $76^{\circ} 15'$ West. But the Almanac is arranged to serve without essential variations for most part of the Dominion.

PUBLISHED BY JOHN HART,

At the Book and Stationery Store, Gore Street,

PERTH, Ontario.

JOHN HART, PERTH.

PAINTS, OILS, VARNISHES, GLASS, PUTTY, &c., always in stock.

Wholesale and Retail Dealer in STATIONERY, SCHOOL BOOKS, BLANK BOOKS, &c.

J. B. Bell

After June 20th will be 42 year of Her Majesty's reign

THE NEW COUNTY MODEL SCHOOL

Has now completed two successful sessions. The Students making the highest number of marks, and passing the best examinations, attribute their success to a liberal supply of the necessary books, and a careful study of them, previous to their entrance examination.

The following books are all recommended to teachers as valuable works of reference, or are authorized for use in the Model, Public and High Schools, by the Department of Education for Ontario :

LESSONS ON OBJECTS—graduated series. Designed for children between the ages of six and fourteen years. Containing also information on common objects. Price, \$1.75.

A MANUAL OF ELEMENTARY INSTRUCTION, for the use of Public and Private Schools and Normal Classes, containing a course of Object Lessons for training the senses and developing the faculties of children. Price, \$1.75.

TEACHER'S MANUAL OF INSTRUCTION IN READING. Price, \$1.25.

The above books are by E. A. Sheldon, Superintendent of Schools, Oswego, N. Y.

HOW TO PARSE. An attempt to apply the principles of scholarship to English Grammar. By the Rev. Edwin A. Abbott, D.D., Head Master of the City of London school. Price, \$1.00.

HOW TO READ. A drill book for the cultivation of the speaking voice. By Richard Lewis, teacher of elocution. Price, 75 cents.

ENGLISH GRAMMAR. By C. P. Mason, B.A. Price, 75 cents.

ANALYSIS OF THE ENGLISH LANGUAGE. By I. P. Fleming, M.A., B.C.L. Price, \$1.00.

TEACHER'S MANUAL FOR FREEHAND DRAWING—Primary Schools. By Prof. Walter Smith, State Director of Art Education for Massachusetts. Price, \$1.00.

TEACHER'S MANUAL FOR FREEHAND DRAWING—Intermediate Schools. By the same Author. Price, \$1.25.

EXERCISES IN ARITHMETIC. By A. Macmurchy, M.A. Price, 50 cents.

HAMBLIN SMITH'S ARITHMETIC. By Thomas Kirkland, Science Master, Normal School, and William Scott, B.A., Head Master Model School, for Ontario. Price, \$1.00.

EXAMINATION PAPERS IN ARITHMETIC. Designed for use in High and Public Schools, and especially adapted for the preparation of candidates for the various examinations in Ontario. By J. A. McLellan, M.A., LL.D., Inspector of High Schools, and Thos. Kirkland, M.A. Price, \$1.00.

ELEMENTARY ALGEBRA. By Hamblin Smith. Price, 90 cents.

ELEMENTARY STATICS. By Thomas Kirkland, M.A. Price, \$1.00.

THE PRINCIPLES AND PRACTICES OF COMMON SCHOOL EDUCATION. By James Currie, A.M., Principal of the Church of Scotland Training College, Edinburgh. Price, \$1.75.

This book should be in the hands of every school teacher, and those preparing themselves for teachers.

HEALTH IN THE HOUSE. (English edition.) Price, 60 cents

STODDART'S INTELLECTUAL ARITHMETIC. Price, 25 cents.

SCHOOL LAW LECTURE. By Hodgins. For Rural Sections. Price, 50 cents.

Any of the above books sent free by post on receipt of price.

We have also full lines of Spelling, Grammar, and Composition Blanks; Blank Writing Books, Copy Books, Paper, Inks, Pens, Pencils, Crayons, Drawing Books, and Cards, and every School requisite, at the

PERTH BOOK STORE.

JOHN HART,

BOOKSELLER, &c.

Dominical Letter.....
Golden Number
Jewish Lunar Cycle..
Ecliptic or Moon's Age
Solar Cycle.....

Septuagesima Sunday
Sexagesima "
Quinquagesima "
Ash Wednesday.....
First Sunday in Lent
Mid-Lent Sunday.....
Easter Sunday "
Good Friday.....

For foretelling the

the new Moon, the
quarter, the full Mo
the last quarter happ

between midnight a
in the morning.....

—2 and 4 morning

—4 and 7 "

—6 and 8 "

—8 and 10 "

—10 and 12 "

at 12 noon, and 2 P.M.

between 2 and 4 P.M.

—4 and 6 P.M.....

—6 and 8 "

—8 and 10 "

—10 and midnight

Observations.—Thu

and the last quarter,

seven days following

2. The space of th

3. The nearer to n

or wet weather may

4. The space of th

afternoon. These of

Spring and Autumn

5. The Moon's cha

the afternoon bou

this is most depende

B

All Sundays, Chri
Day, and each day a
giving day.

OL

CHRONOLOGICAL CYCLES.

Dominical Letter.....	F.	Julian Period.....	6591
Golden Number	16	Jewish Year commencing 30th Sep-	
Jewish Lunar Cycle.....	14	tember	5638
Synact or Moon's Age.....	16	Roman Indictions.....	6
Solar Cycle.....	11	Mohammedan Year.....	1395

MOVEABLE FESTIVALS.

Septuagesima Sunday.....	February 17	Easter Sunday.....	April 21
Sexagesima "	" 23	Low "	" 28
Quinquagesima "	March 3	Rogation "	May 26
Ash Wednesday.....	" 6	Ascension Day.....	" 30
First Sunday in Lent	" 10	Whitsunday.....	June 9
Mid-Lent Sunday.....	" 31	Trinity Sunday... ..	" 16
Easter Day	April 14	Corpus Christi.....	" 20
Good Friday.....	" 19	Advent Sunday	December 1

HERSCHEL'S WEATHER TABLE.

For foretelling the Weather, through all the lunations of the Moon for ever.

Time of the new Moon, the first quarter, the full Moon, or the last quarter happens.	In Summer.		In Winter.	
	Between midnight and 2 in the morning.....	Fair.....		Hard frost, unless the wind be S. or W.....
—2 and 4 morning	Cold, frequent showers.....		Snow and Stormy.	
—4 and 7 "	Rain		Rain.	
—6 and 8 "	Wind and Rain.....		Stormy.	
—8 and 10 "	Changeable.....		Cold rain, if wind be west; snow if east.	
—10 and 12 "	Frequent showers		Cold, and high wind.	
At 12 noon, and 2 P.M.	Very rainy.....		Snow and rain.	
Between 2 and 4 P.M.	Changeable.....		Fair and mild.	
—4 and 6 P. M.	Fair.....		Fair.	
—6 and 8 "	{ Fair, if Wind N. W		Fair and frosty, if wind north or north-east.	
—8 and 10 "	{ Rainy if S. or S.W.....		Rain or snow, if S.S.W.	
—10 and midnight.....	Fair.....		" " " " " "	
—8 and 10 "	Fair.....		Fair and frosty.	

Observations.—The nearest time of the Moon's change, the first quarter, full and the last quarter, are to midnight, the fairer will the weather be during the seven days following.

2. The space of this calculation occupies from ten at night till two next morning.

3. The nearer to mid-day or noon the phases of the Moon happen, the more foul or wet weather may be expected during the next seven days.

4. The space of the calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to the Summer, though they affect Spring and Autumn nearly in the same ratio.

5. The Moon's change, first quarter, full, and last quarter, happening during six or seven hours, *i.e.*, from four to ten, may be followed by fair weather; but this is most dependent on the wind, as is noted in the table.

BANK HOLIDAYS IN ONTARIO.

All Sundays, Christmas Day, New Year's Day, Good Friday, The Queen's Birthday, and each day appointed by Royal Proclamation as a general Fast and Thanksgiving day.

LER, &c.

ZODIACAL SIGNS.

Aries, the ram, Head and Face.

Gemini,
Arms.Leo,
Heart.Libra,
Reins.Sagittarius,
Thighs.Aquarius,
Legs.

Pisces, Feet.

Taurus,
Neck.Cancer,
Breast.Virgo,
Bowels.Scorpio,
Secrets.Capricornus,
Knees.

ECLIPSES DURING THE YEAR 1878.

During this year there will be four Eclipses, viz:—Two of the Sun and Two of the Moon.

I.—On the 2nd of February there will be an Annular Eclipse of the Sun, but not visible in these parts.

II.—On the 17th February there will be a partial Eclipse of the Moon, and partly visible. Begins at Halifax, N. S., 4h. 27m. in the morning, and at Montreal 3h. 47m. It will end at Halifax 9h. 26m., and at Montreal 8h. 46m.

III.—On the 29th of July there will be a total Eclipse of the Sun, visible in North America as a partial Eclipse. It begins on the Earth 3h. 4m. evening, mean time at Halifax in Longitude 144° 50' east of Greenwich, and Latitude 41° 21' north. Central Eclipse begins at 4h. 10m. evening in Longitude 117° 42' east, and Latitude 54° 14' north. Ends on the Earth 8h. 1m. evening in Longitude 69° 45' west, and Latitude 3° 37' north. This Eclipse begins at Halifax about 5h. 30m. evening, and at Montreal about 5h. 10m. The greatest observations will occur a few minutes before the setting of the Sun.

IV.—On the 12th of August there will be a partial Eclipse of the Moon, and it will be visible in part. In Halifax it begins in the evening at 5h. 8m., and in Montreal at 4h. 37m. The Moon rises about 7 o'clock, and the last contact with the shadow will be about 9.

A transit of Mercury will occur on the 6th of May. It will be visible between 11 in the morning and 7 in the evening.

EQUINOXES AND SOLSTICES FOR 1878.

	h. m.		h. m.
Vernal Equinox, March 20th...	3 37 mo.	Autumnal Equinox, Sep. 23rd.	2 20 mo
Summer Solstice, June 21st...	0 12 ev.	Winter Solstice, Dec. 21st.....	8 12 ev.

JANU

Circumcision.

The New Year open

Cold continues sever

Wind and storm.

Snow fall this week

Epiphany.

More steady weath

Somewhat moderat

Keen frost this wee

S. W. wind brings

N. E. wind fair and

Similar weather co

1st Sunday after E

Weather more calm

Very pleasant day.

Changeable aspects.

Wind and snow.

Old Twelfth Day.

Unpleasant season.

2nd Sunday after E

Cold, dull, damp.

More like rain than

Changeable.

Tendency to thaw, l

There is a delay for

Sets in hard frost.

3rd Sunday after 1

Another comfortles

A real cold day.

The aspects are dres

Threatening storm.

FEBRU

The storm rages.

Purification of Vir

4th Sunday after E

Plentiful snow now

Wind high, frost ke

Somewhat milder.

Unsettled weather fr

Some days, but now

Look for high win

5th Sunday after E

Continues unpleas

Some severe cold.

A little milder.

St. Valentine's Day

Young folks visit th

Sun glistens throug

Septuagesima Sun

Cheerless cold day.

Not much milder.

Changeable outloo

Pleasant and mild.

Some thaw but brie

Not unpleasant.

Sexagesima Sunday

St. Mathias.

Cold continues bu

The probabilities a

More genial weath

JANUARY.

- 1 *Circumcision.*
- 2 The New Year opens roughly.
- 3 Cold continues severe.
- 4 Wind and storm.
- 5 Snow fall this week.
- 6 *Epiphany.*
- 7 More steady weather.
- 8 Somewhat moderated.
- 9 Keen frost this week.
- 10 S. W. wind brings snow.
- 11 N. E. wind fair and frosty.
- 12 Similar weather continues.
- 13 *1st Sunday after Epiphany.*
- 14 Weather more calm.
- 15 Very pleasant day.
- 16 Changeable aspects.
- 17 Wind and snow.
- 18 *Old Twelfth Day.*
- 19 Unpleasant season.
- 20 *2nd Sunday after Epiphany.*
- 21 Cold, dull, damp.
- 22 More like rain than snow.
- 23 Changeable.
- 24 Tendency to thaw, but
- 25 There is a delay for heat.
- 26 Sets in hard frost.
- 27 *3rd Sunday after Epiphany.*
- 28 Another comfortless day.
- 29 A real cold day.
- 30 The aspects are dreary.
- 31 Threatening storm.

FEBRUARY.

- 1 The storm rages.
- 2 *Purification of Virgin Mary.*
- 3 *4th Sunday after Epiphany.*
- 4 Plentiful snow now.
- 5 Wind high, frost keen.
- 6 Somewhat milder.
- 7 Unsettled weather for
- 8 Some days, but now
- 9 Look for high winds.
- 10 *5th Sunday after Epiphany.*
- 11 Continues unpleasant.
- 12 Some severe cold.
- 13 A little milder.
- 14 *St. Valentine's Day.*
- 15 Young folks visit the post office.
- 16 Sun glistens through frost.
- 17 *Septuagesima Sunday.*
- 18 Cheerless cold day.
- 19 Not much milder.
- 20 Changeable outlook.
- 21 Pleasant and mild.
- 22 Some thaw but brief.
- 23 Not unpleasant.
- 24 *Sexagesima Sunday.*
- 25 *St. Mathias.*
- 26 Cold continues but
- 27 The probabilities are for
- 28 More genial weather.

MARCH.

- D.
- 1 ST. DAVID'S DAY.
- 2 Rough for a beginning.
- 3 *Quinquagesima Sunday.*
- 4 Winter weather yet.
- 5 More snow and wind.
- 6 ASH WEDNESDAY.
- 7 In the East more snow.
- 8 Some pretty high winds.
- 9 General blustery season.
- 10 *First Sunday in Lent.*
- 11 Milder weather and some
- 12 *St. Gregory.*
- 13 Cold rain with sleet.
- 14 Steadily cold for some days
- 15 But changeable.
- 16 This day is damp.
- 17 *2nd Sunday in Lent.*
- 18 17th. ST. PATRICK'S DAY.
- 19 Quite mild, but
- 20 Change comes with heavy winds.
- 21 A regular gale now
- 22 And for some days.
- 23 Rain west, snow east.
- 24 *3rd Sunday in Lent.*
- 25 *Annunciation of the Virgin Mary.*
- 26 Rather variable, but
- 27 On the whole March
- 28 Has been a hard month.
- 29 This day sunshiny.
- 30 To-day also fine.
- 31 *4th Sunday in Lent.*

APRIL.

- D.
- 1 ALL FOOL'S DAY, so called.
- 2 A change all over the land.
- 3 Quite spring like.
- 4 *St. Ambrose.*
- 5 Travelling not pleasant.
- 6 Much snow melted.
- 7 *5th Sunday in Lent.*
- 8 Weather very unsettled.
- 9 Frost continues,
- 10 But not very severe to-day.
- 11 The sun shines out
- 12 Warm and spring like.
- 13 In the West spring begins.
- 14 *Sunday before Easter.*
- 15 A general pleasant
- 16 Outlook for some days,
- 17 But rather dull for the
- 18 Farmer who wants to plow.
- 19 GOOD FRIDAY.
- 20 Very agreeable day.
- 21 *Easter Sunday.*
- 22 Some rains with wind.
- 23 ST. GEORGE'S DAY.
- 24 Very fine days.
- 25 *St. Mark's Day.*
- 26 Bright and cheerful.
- 27 Change to dampness.
- 28 *Low Sunday.*
- 29 Cool rains with some winds.
- 30 Frosty nights.

MAY.

D.

- 1 *St. Philip and St. James.*
- 2 May has opened very fine.
- 3 Continues very agreeable.
- 4 A fine spring day.
-
- 5 *2nd Sunday after Easter.*
- 6 Some showers—cold night.
- 7 Mild agreeable weather.
- 8 Some farm work done West.
- 9 Very backward Easterly.
- 10 Foliage develops slowly.
- 11 The season agreeable.
-
- 12 *3rd Sunday after Easter.*
- 13 Unsettled weather.
- 14 Agreeable rain fall.
- 15 Now changeable.
- 16 Wind and rain now.
- 17 Change to fine and
- 18 Steady weather.
-
- 19 *4th Sunday after Easter.*
- 20 19th, *St. Dunstan.*
- 21 A very clear day.
- 22 Fine and sunny.
- 23 Beautiful weather.
- 24 **QUEEN VICTORIA'S BIRTHDAY.**
- 25 A very fine day.
-
- 26 *Rogation Sunday.*
- 27 26th *St. Augustine.*
- 28 Rather dull day.
- 29 Not unpleasant.
- 30 **ASCENSION DAY.**
- 31 Month ends brightly.

D.

JUNE.

- 1 Cool and pleasant now.
-
- 2 *Sunday after Ascension.*
- 3 Warm showery day.
- 4 Pleasant and warm.
- 5 *St. Boniface.*
- 6 Cool for the season.
- 7 Bright sunny day.
- 8 Fine weather continues.
-
- 9 *Whit Sunday.*
- 10 Some frost these nights.
- 11 *St. Barnabas.*
- 12 The days are pleasant.
- 13 A change to heat and
- 14 Thus for some days.
- 15 A storm of wind.
-
- 16 *Trinity Sunday*
- 17 Thunder but not hard.
- 18 Very warm again.
- 19 Moderately warm.
- 20 This day is very fine.
- 21 Warm and windy.
- 22 Rain is falling to day.
-
- 23 *1st Sunday after Trinity.*
- 24 *St. John the Baptist.*
- 25 Great heat and dry.
- 26 Cooler weather to-day.
- 27 Again warm and pleasant.
- 28 A very fine day.
- 29 *St. Peter's Day.*
-
- 30 *2nd Sunday after Trinity.*

JULY.

D.

- 1 Warm and showery.
- 2 Thunder and lightning.
- 3 Cool afterwards, but
- 4 There will be considerable
- 5 Heat and sultriness,
- 6 For some days to come.
-
- 7 *3rd Sunday after Trinity.*
- 8 Rain is needed, and
- 9 It will come to-day,
- 10 And also this day, but
- 11 Only in showers
- 12 With heat and wind.
- 13 Heat and thunder.
-
- 14 *4th Sunday after Trinity.*
- 15 *St. Swithin's day.*
- 16 Rainy days, but
- 17 Accompanied with wind.
- 18 Quite sultry evenings.
- 19 Pleasant but warm.
- 20 Unsettled weather.
-
- 21 *5th Sunday after Trinity.*
- 22 Heat through the week.
- 23 Clear and warm.
- 24 Pleasant but hot.
- 25 *St. James' Day.*
- 26 Not disagreeably hot.
- 27 *St. Joseph of Arimathea.*
-
- 28 *6th Sunday after Trinity.*
- 29 Sun bright, day sultry.
- 30 Somewhat cooler.
- 31 But yet warm days.

D.

AUGUST.

- 1 A beautiful day.
- 2 Not extremely warm.
- 3 Changeable—cloudy.
-
- 4 *7th Sunday after Trinity.*
- 5 This day is very fine.
- 6 *Transfiguration.*
- 7 Thunder—lightning—rain.
- 8 Somewhat cool for the season.
- 9 Pleasant.
- 10 *St. Lawrence.*
-
- 11 *8th Sunday after Trinity.*
- 12 More thunder storms.
- 13 Settled but still warm.
- 14 It is warm with clouds,
- 15 Now for thunder and
- 16 A violent rain storm.
- 17 Fair and bright sun.
-
- 18 *9th Sunday after Trinity.*
- 19 The day is very pleasant.
- 20 Much cooler, some rain.
- 21 Prospect of settled weather.
- 22 Very fine and bright.
- 23 Very cool at night.
- 24 *St. Bartholomew.*
-
- 25 *10th Sunday after Trinity.*
- 26 Changeable and dull.
- 27 Now very fine.
- 28 Another bright day.
- 29 *St. John Baptist beheaded.*
- 30 High winds and some
- 31 Showers all round.

SEPTEMBER.

D.

- 1 *11th Sunday after Trinity.*
- 2 Cool and pleasant day.
- 3 Rain may be expected.
- 4 Wind and rain.
- 5 Abatement of storm.
- 6 Somewhat settled.
- 7 Cool rains on this day.
-
- 8 *12th Sunday after Trinity.*
- 9 *8th, Nativity of Virg.*
- 10 A pleasant day.
- 11 Another fine day.
- 12 Changeable and dull.
- 13 Rain and wind
- 14 Much finer weather.
-
- 15 *13th Sunday after Trinity.*
- 16 Very un-settled, and
- 17 Two days occasional
- 18 Cool showers.
- 19 A frost this night.
- 20 But the days are fine.
- 21 *St. Matthew's Day.*
-
- 22 *14th Sunday after Trinity.*
- 23 Weather changeable.
- 24 Rough days and high
- 25 Night winds may be
- 26 Looked for. Very
- 27 Nights and pleasant.
- 28 Variable season.
-
- 29 *15th Sunday after Trinity.*
- 30 28th, *St. Michael and*

OCTOBER.

- 1 Cool and pleasant day.
- 2 The sun shines bright.
- 3 All serene without.
- 4 Not warm, but fine.
- 5 Changeable aspects.
-
- 6 *16th Sunday after Trinity.*
- 7 Cloudy and cool.
- 8 Rather heavy frost.
- 9 Rains and quite cold.
- 10 No rain to day, but
- 11 Change and sunshin
- 12 The wind blows hard.
-
- 13 *17th Sunday after Trinity.*
- 14 Cool-cloudy day.
- 15 Again hard wind.
- 16 Settled and fine.
- 17 A sunny day.
- 18 *St. Luke the Evangelist.*
- 19 Sharp frost to-night.
-
- 20 *18th Sunday after Trinity.*
- 21 Wet and dull day.
- 22 Rather cheerless aspect.
- 23 Frost has changed to
- 24 Rather wintry look.
- 25 But now much finer
- 26 Bright, cool, fine day.
-
- 27 *19th Sunday after Trinity.*
- 28 *St. Simon and St. Jude.*
- 29 North-west winds
- 30 With cool rain.
- 31 Snow down East.

SEPTEMBER.

- D.
 1 *11th Sunday after Trinity.*
 2 Cool and pleasant day.
 3 Rain may be expected.
 4 Wind and rain.
 5 Abatement of storm.
 6 Somewhat settled, but
 7 Cool rains on this day.

 8 *12th Sunday after Trinity.*
 9 *8th. Nativity of Virgin Mary.*
 10 A pleasant day
 11 Another fine day.
 12 Changeable and dull.
 13 Rain and wind
 14 Much finer weather.

 15 *13th Sunday after Trinity.*
 16 Very unsettled and for
 17 Two days occasional
 18 Cool showers.
 19 A frost this night,
 20 But the days are fine.
 21 *St. Matthew's Day.*

 22 *14th Sunday after Trinity.*
 23 Weather changeable.
 24 Rough days and high
 25 Night winds may be
 26 Looked for. Very cool
 27 Nights and pleasant days.
 28 Variable season.

 29 *15th Sunday after Trinity.*
 30 *22th, St. Michael and all Angels.*

OCTOBER.

- D.
 1 Cool and pleasant day.
 2 The sun shines brightly.
 3 All serene without.
 4 Not warm, but fine.
 5 Changeable aspects.

 6 *16th Sunday after Trinity.*
 7 Cloudy and cool.
 8 Rather heavy frost.
 9 Rains and quite cold.
 10 No rain to day, but cloudy.
 11 Change and sunshine.
 12 The wind blows hard.

 13 *17th Sunday after Trinity.*
 14 Cool-cloudy day.
 15 Again hard wind.
 16 Settled and fine.
 17 A sunshiny day.
 18 *St. Luke the Evangelist.*
 19 Sharp frost to-night.

 20 *18th Sunday after Trinity.*
 21 Wet and dull day.
 22 Rather cheerless aspects.
 23 Frost has changed the foliage.
 24 Rather wintry look,
 25 But now much finer.
 26 Bright, cool, fine day.

 27 *19th Sunday after Trinity.*
 28 *St. Simon and St. Jude.*
 29 North-west winds are prevalent,
 30 With cool rain.
 31 Snow down East.

NOVEMBER.

- D.
 1 *All Saints Day.*
 2 Cold and rainy.

 3 *20th Sunday after Trinity.*
 4 Some snow falling East.
 5 Cold rains in the West.
 6 Rather wintry all over,
 7 Severe storm of wind.
 8 Quite frosty nights.
 9 Clear and cold.

 10 *21st Sunday after Trinity.*
 11 Milder but not settled.
 12 Dull, cloudy, cold.
 13 Rain and wind
 14 Now for some days.
 15 Clear and cold, with
 16 Snowy aspects East.

 17 *22nd Sunday after Trinity.*
 18 Considerable frost.
 19 Sunshiny but cool.
 20 Dull and changeable.
 21 Unpleasant storm.
 22 *St. Cecilia.*
 23 *St. Clement's Day.*

 24 *23rd Sunday after Trinity.*
 25 Cold and chilly.
 26 Frost and snow.
 27 Unsettled, but quite
 28 Wintry weather.
 29 Clear and cold.
 30 **ST. ANDREW'S DAY.**

DECEMBER.

- D.
 1 *Advent Sunday.*
 2 Cold and cloudy.
 3 Snow falls in Quebec.
 4 Rain continues westerly.
 5 Unsettled season.
 6 Fair and frosty.
 7 Winter set in fairly.

 8 *2nd Sunday in Advent.*
 9 *8th. Conception of Virgin Mary.*
 10 Cold and bright.
 11 Good sleighing in Quebec.
 12 Poor in Ontario.
 13 Weather unsteady.
 14 Hard, cold wind.

 15 *3rd Sunday in Advent.*
 16 Cold high winds.
 17 Settled hard frost.
 18 No change,
 19 But there is a heavy snow fall.
 20 *Remember the Poor.*
 21 *St. Thomas' Day.*

 22 *4th Sunday in Advent*
 23 The day is fine,
 24 But the temperature low
 25 **CHRISTMAS DAY.**
 26 *St. Stephen's Day.*
 27 *St. John the Evangelist.*
 28 *Innocents Day.*

 29 *1st Sunday after Christmas.*
 30 Weather clear and crisp.
 31 The year ends seasonably.

1st Month.

JANUARY, 31 Days.

Begins on Tuesday.

1878.]

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
New Moon.....	d. 8	h. m. 9 49 mo.	h. m. 9 19 mo.	h. m. 9 10 mo.	h. m. 8 54 mo.	h. m. 8 47 mo.	h. m. 8 39 mo.
First Quarter.....	11	2 32 ev.	2 2 ev.	1 53 ev.	1 41 ev.	1 30 ev.	1 22 ev.
Full Moon.....	18	7 56 ev.	7 26 ev.	7 17 ev.	7 5 ev.	6 54 ev.	6 46 ev.
Third Quarter.....	25	11 35 mo.	11 5 mo.	10 56 mo.	10 44 mo.	10 33 mo.	10 25 mo.

M	Week.	Ottawa.		The Moon.		Toronto.		Halifax, N.S.				The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin. South.	Sun on Meridian.	
1	Tues.	7 46	4 20		7 40	4 21	7 37	4 31	Sets.	6 4	28	1	12 3 57
2	Wed.	46	21	3 16	40	29	37	32	3 12	7 0	22	56	4 26
3	Thu.	46	22	4 20	40	30	37	33	4 16	7 50	22	50	4 54
4	Fri.	45	23	5 24	39	31	37	34	5 20	8 30	22	44	5 21
5	Sat.	45	24	6 32	39	32	37	35	6 28	9 8	22	38	5 48
6	F.	7 45	4 25	7 39	7 39	4 33	7 37	4 35	7 31	9 45	22	31	12 6 14
7	Mon.	44	27	8 41	39	34	37	37	8 37	10 21	22	24	6 40
8	Tues.	44	28	9 43	38	35	36	38	9 39	10 53	22	16	7 6
9	Wed.	44	29	10 44	38	36	36	39	10 40	11 25	22	8	7 31
10	Thu.	43	31	11 46	37	37	36	40	11 42	11 59	21	59	7 55
11	Fri.	43	32	Morn.	37	38	36	41	Morn.	Morn.	21	50	8 19
12	Sat.	42	34	0 50	37	40	35	43	0 46	0 36	20	40	8 42
13	F.	7 42	4 26	1 57	7 37	4 41	7 35	4 44	1 58	1 20	21	30	12 9 5
14	Mon.	41	27	3 6	42	34	34	46	3 2	2 12	21	20	9 26
15	Tues.	40	28	4 15	35	42	34	47	4 11	3 22	21	9	9 48
16	Wed.	40	29	5 23	35	44	33	48	5 10	4 43	20	58	10 8
17	Thu.	39	41	6 25	35	45	32	49	6 21	5 35	20	46	10 28
18	Fri.	39	42	Rises	34	46	32	50	Rises	6 56	20	34	10 47
19	Sat.	38	43	6 19	33	48	31	51	6 14	7 47	20	22	11 5
20	F.	7 37	4 45	7 38	7 32	4 49	7 30	4 53	7 34	6 52	20	9	12 11 23
21	Mon.	36	47	8 57	81	50	29	54	8 59	9 17	19	56	11 40
22	Tues.	35	49	10 15	30	52	29	55	10 11	10 2	19	48	12 11
23	Wed.	34	51	11 31	29	53	28	57	11 27	10 46	19	29	12 11
24	Thu.	33	52	Morn.	27	54	27	58	Morn	11 28	19	15	12 26
25	Fri.	32	53	0 42	26	56	26	59	0 42	ev. 11	19	0	12 39
26	Sat.	31	54	0 1	25	57	25	5	1 57	0 56	18	45	12 52
27	F.	7 31	4 55	8 18	7 25	4 58	7 24	5 2	8 0	1 50	18	30	12 18 5
28	Mon.	30	56	4 16	24	5 0	23	6	4 16	3 0	18	14	18 16
29	Tues.	29	57	5 17	24	5 1	22	5	5 13	4 0	17	53	18 26
30	Wed.	28	59	6 6	23	2	21	6	6 2	5 53	17	42	18 36
31	Thu.	27	5 0	6 45	23	4	20	8	6 41	6 56	17	25	12 13 45

JANUARY.—We have felt it our duty on more than one occasion to remind our agricultural readers of the great importance which they ought to attach to the preservation and manufacture of manure. On the older farms, much exhausted, the manure heap, properly managed, is a bank of deposit in more senses than one. Let no available material be thrown away or wasted. The liquid manure should never be allowed to run to waste. It is the food of plants, and should be preserved in order to mix with earths and decaying substances. Upon a heavy clay soil, liquids may be mixed with sand, and spread over the land. The yield of produce will increase three or fourfold. Farmers should never complain of the want of manure while they neglect to take care of the stables and refuse of the house and of their stables.

n Tuesday.

[1878.]

MEMORANDUM FOR JANUARY.

9

London.	
h. m.	
o. 8 39 mo.	
r. 1 22 ev.	
r. 6 46 ev.	
o. 10 25 mo.	

Dominion.	
Sun on Meridian.	
h. m. s.	
12 3 57	
4 26	
4 54	
5 21	
5 48	

12 6 14	
6 40	
7 6	
7 31	
7 55	
8 19	
8 42	

12 9 5	
9 26	
9 48	
10 8	
10 28	
10 47	
11 5	

12 11 23	
11 40	
11 56	
12 11	
12 26	
12 39	
12 52	

12 13 5	
13 16	
13 26	
13 36	
13 45	

to remind
attach to
ms, much
t in more
ted. The
of plants,
stances.
over the
's should
ire of the

- 1
- 2 Very slight fall of snow, pretty cold.
- 3
- 4 First snow of any consequence about 4 in
- 5 very cold. (count)
- 6 do. below zero all day
- 7 do.
- 8
- 9
- 10
- 11
- 12) At St. Leonards, Port Dalhousie - very muddy
- 13)
- 14)
- 15)
- 16)
- 17)
- 18)
- 19)
- 20)
- 21)
- 22)
- 23)
- 24)
- 25)
- 26)
- 27)
- 28)
- 29)
- 30)
- 31)

Gillott's, Mitchell's, Esterbrooke's and other makers Steel Pens at JOHN HART'S.

Handwritten notes and scribbles on the right margin.

Moon's Phases.	D	Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
New Moon.....	2	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	10	4 3 mo.	3 33 mo.	3 24 mo.	3 12 mo.	3 1 mo.	2 58 mo.
Full Moon.....	17	7 2 mo.	6 32 mo.	6 23 mo.	6 11 mo.	6 0 mo.	6 52 mo.
Third Quarter.....	23	10 58 ev.	10 28 ev.	10 19 ev.	10 7 ev.	9 56 ev.	9 48 ev.

M.	Week.	Ottawa.		The Moon.	Toronto.		Halifax, N.S.				The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin.	Sun on Meridian.
1	Fri.	7 27	5 1	h. m.	7 24	5 5	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
2	Sat.	7 27	5 2	Sets.	7 24	5 5	7 19	5 9	5 23	7 44	17 9	12 18 53
3	F.	7 26	5 3	6 29	7 22	5 6	7 16	5 12	6 25	8 55	16 34	12 14 7
4	Mon.	7 25	5 4	7 33	7 21	5 6	7 15	5 11	7 29	9 25	16 16	14 18
5	Tues.	7 23	5 5	8 34	7 19	5 7	7 14	5 10	8 30	9 55	15 58	14 18
6	Wed.	7 22	5 6	9 35	7 17	5 8	7 13	5 10	9 32	10 25	15 40	14 22
7	Thu.	7 20	5 7	10 36	7 15	5 9	7 11	5 11	10 35	10 55	15 21	14 25
8	Fri.	19	8	11 43	14	9	10	19	11 39	11 22	15 2	14 27
9	Sat.	18	9	Morn.	13	11	9	20	Morn	11 53	14 43	24 29
10	F.	7 17	5 11	0 49	7 12	5 13	7 7	5 22	0 45	Morn.	14 34	12 14 29
11	Mon.	16	13	1 58	11	14	6	6 23	1 54	0 31	14 4	14 29
12	Tues.	14	14	3 6	9	16	4	25	3 2	1 18	13 45	14 28
13	Wed.	13	16	4 8	7	17	3	26	4 4	2 24	13 24	14 27
14	Thu.	11	17	5 4	6	18	1	27	5 0	3 59	13 4	14 25
15	Fri.	10	18	5 49	5	19	7 00	29	5 45	5 30	12 4	14 21
16	Sat.	9	19	6 25	4	20	6 58	30	6 21	6 40	12 28	14 18
17	F.	7 8	5 20	Rises.	7 2	5 22	6 57	5 32	Rises.	7 22	12 2	12 14 13
18	Mon.	6	22	7 51	1	24	55	33	7 46	8 17	11 41	14 8
19	Tues.	4	24	6 10	6 59	25	54	34	9 6	8 59	11 20	14 2
20	Wed.	3	25	10 29	6 57	27	52	36	10 25	9 40	10 58	13 55
21	Thu.	1	27	11 48	56	28	50	37	11 44	10 21	10 37	13 48
22	Fri.	6 59	1	Morn.	55	30	49	39	Morn.	11 2	10 15	13 40
23	Sat.	57	30	1 4	52	31	47	40	1 0	11 40	9 58	13 32
24	F.	6 56	5 32	2 12	6 50	5 33	6 46	5 41	2 8	ev. 23	9 31	12 18 22
25	Mon.	54	34	3 14	49	34	44	44	3 11	1 16	9 9	13 14
26	Tues.	52	35	4 5	47	35	42	44	4 1	2 28	8 47	13 8
27	Wed.	49	37	4 46	46	37	40	45	4 42	4 10	8 24	12 53
28	Thu.	48	38	5 17	46	38	39	47	5 13	5 40	8 1	12 12 42

FEBRUARY.—About dairy matters, we observe a general disposition on the part of skilled workers to give up the old-fashioned small milk pans. Milk-pans are prepared oblong in shape, three feet long by two and a half broad, and about eight inches deep, always made smaller at the bottom than the top. Each of these is fitted into a wooden frame on four legs, about two feet and a half from the floor. In the bottom of this pan is a hole large enough to receive a common bottle cork. When wishing to take the cream, this cork is withdrawn and the milk received in a pail or other utensil. Just as the last of the milk is about to escape, the cork is replaced and an unbroken mass of cream is left in the basin. Is not this process worth an experiment? We think it is, and recommend a trial.

1 *ms*
 2 *ms*
 3 *ms*
 4 *ms*
 5 *ms*
 6 *ms*
 7 *ms*
 8 *ms*
 9 *ms*
 10 *ms*
 11 *ms*
 12 *ms*
 13 *ms*
 14 *ms*
 15 *ms*
 16 *ms*
 17 *ms*
 18 *ms*
 19 *ms*
 20 *ms*
 21 *ms*
 22 *ms*
 23 *a little*
 24 *ms*
 25 *ms*
 26 *ms*
 27 *ms*
 28 *ms*

London.
h. m.
2 53 mo.
7 53 mo.
6 52 mo.
9 48 ev.

Dominion.

Sun on Meridian.

h. m. s.
12 13 53
14 1
12 14 7
14 13
14 18
14 22
14 25
14 27
24 29
12 14 29
14 28
14 27
14 25
14 21
14 18
12 14 13
14 8
14 2
13 55
13 48
13 40
13 32
12 13 23
13 14
13 8
12 53
12 12 42

1	<i>W</i>
2	<i>W</i>
3	<i>W</i>
4	<i>W</i>
5	<i>W</i>
6	<i>W</i>
7	<i>W</i>
8	<i>W</i>
9	<i>W</i>
10	<i>W</i>
11	<i>W</i>
12	<i>W</i>
13	<i>W</i>
14	<i>W</i>
15	<i>W</i>
16	<i>W</i>
17	<i>W</i>
18	<i>W</i>
19	<i>W</i>
20	<i>W</i>
21	<i>W</i>
22	<i>W</i>
23	<i>A letter in</i>
24	<i>do</i>
25	<i>W</i>
26	<i>W</i>
27	<i>W</i>
28	<i>W</i>

Scay & Inductore

sition on
s. Milk-
If broad,
than the
feet and
ough to
cork is
e last of
of cream
it is, and

JOHN HART keeps a full Stock of Pirie & Son's Writing Papers and Envelopes.

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Pertth.	Toronto.	London.
New Moon.....	D. 3	h. m. 11 3 ev.	h. m. 10 33 ev.	h. m. 10 24 ev.	h. m. 10 12 ev.	h. m. 10 1 ev.	h. m. 9 53 ev.
First Quarter.....	11	11 46 ev.	11 16 ev.	11 7 ev.	10 55 ev.	10 44 ev.	10 36 ev.
Full Moon.....	18	4 52 ev.	4 22 ev.	4 13 ev.	4 1 ev.	3 50 ev.	3 42 ev.
Third Quarter.....	25	0 35 ev.	0 5 ev.	11 56 ev.	11 44 ev.	11 33 ev.	11 25 ev.

M	Week.	Ottawa.		The Moon.	Toronto.		Halifax, N.S.			The Dominion.		
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.	
1	Fri.	6 45	5 42	Sets.	6 43	5 41	6 37	5 48	Sets.	6 41	7 16	12 12 30
2	Sat.	44	42	4 21	42	42	34	47	4 17	7 28	6 53	12 18
3	F.	6 42	5 44	5 25	6 40	5 44	6 32	5 51	5 21	8 2	6 30	12 12 5
4	Mon.	40	45	6 26	39	46	31	52	6 22	8 32	6 7	11 52
5	Tues.	38	47	7 27	37	48	29	53	7 23	8 59	5 44	11 38
6	Wed.	36	48	8 30	34	49	27	55	8 26	9 26	5 20	11 24
7	Thu.	34	49	9 33	33	50	25	56	9 29	9 54	4 57	11 10
8	Fri.	31	51	10 39	31	51	24	57	10 35	10 20	4 34	10 55
9	Sat.	29	53	11 45	29	53	22	59	11 41	10 50	4 10	10 39
10	F.	6 27	5 54	Morn.	6 27	5 55	6 20	6 0	Morn.	11 21	3 47	12 10 24
11	Mon.	25	55	0 51	25	56	18	1	0 47	11 58	3 28	10 8
12	Tues.	24	56	1 46	23	57	16	2	1 52	Morn.	3 0	9 51
13	Wed.	22	58	2 49	22	58	14	4	2 49	0 46	2 36	9 35
14	Thu.	20	59	3 40	20	6 1	13	5	3 36	1 55	2 12	9 18
15	Fri.	18	6 1	4 20	18	2	12	6	4 16	3 36	1 49	9 0
16	Sat.	16	2	4 52	16	3	10	7	4 48	5 9	1 25	8 43
17	F.	6 14	6 3	5 20	6 15	6 4	6 8	6 9	5 16	6 20	1 1	12 8 26
18	Mon.	12	4	Rises.	12	6	6	10	Rises.	7 8	0 37	8 8
19	Tues.	10	5	7 56	10	7	4	11	7 56	7 52	S. 14	7 50
20	Wed.	9	7	9 22	9	8	2	13	9 18	8 32	N. 9	7 32
21	Thu.	7	8	10 41	6	9	1	14	10 37	9 13	0 33	7 14
22	Fri.	5	9	11 56	5	11	5	15	11 52	9 54	0 56	6 55
23	Sat.	3	11	Morn.	3	12	5	16	Morn.	10 35	1 20	6 37
24	F.	6 1	6 13	1 3	6 1	6 13	5 55	6 18	0 59	16 16	1 44	12 6 19
25	Mon.	5 59	15	2 51	5 59	14	53	19	1 57	11 59	2 7	6 0
26	Tues.	57	16	2 45	58	16	51	20	2 41	ev. 54	2 31	5 42
27	Wed.	55	17	3 21	56	17	49	21	3 17	2 7	2 54	5 23
28	Thu.	53	18	3 51	54	17	47	23	3 46	3 44	3 17	5
29	Fri.	52	19	4 10	53	20	46	24	4 6	5 10	3 14	4 5
30	Sat.	50	22	4 29	51	21	44	25	4 25	6 13	4 4	4 47
31	F.	5 48	6 21	4 48	5 49	6 21	5 42	6 26	4 44	6 54	4 27	12 4 10

MARCH.—That very delicious vegetable the cauliflower is very difficult to raise. Early sown they too frequently fail, but those sown or planted late are mostly saved. We are told that the late cauliflowers succeed, because the heat of the sun is gradually growing less, while frequent fogs and cool night dews are favourable to the development of the plant. Cauliflowers will not head in hot weather, in fact the growth is checked altogether and the plants come to a standstill. They may, however, be stimulated by abundant manures in the Spring, and proper protection during chilly nights. Our climate and other conditions demand abundant watering in dry weather, and protection from chills. With a good deal of care and caution this vegetable may be raised.

1
2
3
4
5
6 *bourt*
7
8 *De Serth*
9
10
11
12
13 *Slight fog*
14
15
16 *Truly fine*
17 *meta*
18
19
20
21
22
23
24 *High wind*
25
26
27
28
29
30
31 *Just*

The best Mucilage and Simple Dyes, all colors in Packages, kept by JOHN HART.

London.

h. m.
9 53 ev.
10 36 ev.
8 42 ev.
11 25 ev.

Minion.

Sun on Meridian.

h. m. s.

12 12 30
12 18

12 12 5

11 52

11 38

11 24

11 10

10 55

10 39

12 10 24

10 8

9 51

9 35

9 18

8 9

8 43

12 8 26

8 8

7 50

7 32

7 14

6 55

6 37

12 6 19

6 0

5 42

5 23

5

4 5

4 47

12 4 10

difficult to
late are
the heat
dews are
ad in hot
a stand-
ring, and
s demand
good deal

1 (very much)
2 do
3 do
4 do
5 do
6 Court do
7 do a little rain
8 In South, very summer like
9 do
10 do
11 do
12 Rain
13 Slight fall of snow. About 1 in.
14 Mtd
15 do
16 Slight frost seen coming up. Mtd
17 Mtd
18 do
19 do
20 do
21 do
22 do
23 do
24 High wind & very cold. Slight fall of snow
25 do
26 do
27 Spruce at South. Mtd
28 do
29 do
30 do
31 First snow drop out

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	2	5 0 ev.	4 30 ev.	4 21 ev.	4 9 ev.	3 58 ev.	3 50 ev.
First Quarter.....	10	10 40 mo.	10 10 mo.	10 1 mo.	9 49 mo.	9 39 mo.	9 30 mo.
Full Moon.....	17	1 43 mo.	1 13 mo.	1 4 mo.	0 56 mo.	0 48 mo.	0 40 mo.
Third Quarter.....	24	4 19 mo.	3 49 mo.	3 40 mo.	3 28 mo.	3 17 mo.	3 9 mo.

M. Week.	DAYS.	Ottawa		The Moon.	Toronto.		Halifax, N.S.			The Dominion.		
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R.&S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Mon.	5 46	6 22	Sets.	5 47	6 21	5 40	6 28	Sets.	7 28	4 50	12 3 52
2	Tues.	44	53	6 22	46	22	38	29	6 18	7 59	5 13	3 34
3	Wed.	42	24	7 24	44	23	36	30	7 20	8 26	5 36	3 16
4	Thur.	41	25	8 30	42	25	35	31	8 26	8 55	5 39	2 58
5	Fri.	39	27	9 37	40	27	33	32	9 33	9 23	6 22	2 41
6	Sat.	37	29	10 44	38	28	31	34	10 40	9 53	6 44	2 23
7	F.	5 35	6 30	11 47	5 36	6 29	5 29	6 25	11 43	10 25	7 7	12 2 6
8	Mon.	33	31	Morn.	36	30	27	36	Morn.	11 0	7 29	1 49
9	Tues.	32	32	0 46	33	32	26	37	0 42	11 41	7 52	1 32
10	Wed.	30	33	1 35	31	33	24	39	1 31	Morn.	8 14	1 16
11	Thur.	28	34	2 18	29	34	22	40	2 14	0 34	8 36	0 59
12	Fri.	26	36	2 50	26	35	20	41	2 45	1 45	8 58	0 43
13	Sat.	24	37	3 18	24	36	18	42	3 14	3 19	9 19	0 28
14	F.	6 22	6 38	3 40	5 23	6 37	5 17	6 44	3 37	4 43	9 41	12 0 12
15	Mon.	20	40	4 4	4 21	39	15	45	4 0	5 48	10 2	11 59 57
16	Tues.	18	42	4 28	20	40	13	46	4 24	6 37	10 23	59 43
17	Wed.	17	43	Rises.	18	41	12	47	Rises.	7 20	10 44	59 28
18	Thur.	15	44	9 32	15	42	10	49	9 28	8 4	11 55	59 14
19	Fri.	13	45	10 44	14	43	8	50	10 40	8 47	11 26	59 1
20	Sat.	11	47	11 47	13	44	7	51	11 43	9 30	11 47	58 48
21	F.	6 10	6 48	Morn.	6 11	6 45	5 5	6 52	Morn.	10 13	12 7	11 58 35
22	Mon.	8	49	0 39	9	46	3	53	0 35	10 55	12 27	58 23
23	Tues.	6	50	1 20	8	47	2	55	1 16	11 44	12 47	58 11
24	Wed.	5	51	1 49	7	48	5	0	56	1 45	ev 38	58 0
25	Thur.	3	53	2 16	6	49	4	53	57	2 11	1 41	57 49
26	Fri.	2	55	2 54	4	50	57	58	2 30	3 1	13 46	57 39
27	Sat.	5 0	57	2 53	3	51	55	7 0	2 49	4 20	14 4	57 29
28	F.	4 58	6 58	3 11	5 2	6 53	4 54	7 1	3 7	5 21	14 23	11 57 20
29	Mon.	56	59	3 27	1	54	52	2	3 23	6 8	14 42	57 12
30	Tues.	55	7 0	3 46	4 59	55	51	3	3 42	6 48	15 0	11 57 8

APRIL.—The ladies will now be thinking and planning about their flower gardens. It is quite as easy to raise young plants as it is to procure slips. A saucer or soup plate partially filled with clean sand, and the water kept above the surface. Set this in a sunny window and insert your cuttings. An ordinary plant will root nearly as readily as in a propagating bed, and may be transferred to small pots of earth. Let the stems of geraniums dry thoroughly on the cut surface. Verbenas may be put in as cut from any or all of the varieties. Pink slips may be pulled, not cut, from the extremities of growing shoots. The begonias, heliotropes, &c., may be inserted at once. Use small pots, with rich earth with dry sand. Give plenty of air and keep the plants pinched.

1 Hill
2
3
4
5
6
7 de Blau
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30

Monday. 1878.]

MEMORANDUM FOR APRIL.

15

London.

h. m.
3 50 ev.
3 30 mo.
0 40 mo.
8 9 mo.

ominion.

Sun on Meridian.

h. m. s.

12 3 52
3 34
3 16
2 58
2 41
2 23

12 2 6

1 49
1 32
1 16
0 59
0 43
0 28

12 0 12

11 59 57
59 43
59 28
59 14
59 1
58 48

11 58 35

58 23
58 11
58 0
57 49
57 39
57 29

11 57 20

57 12
11 57 8

their flower
slips. A
above the
ordinary
transferred
on the cut
ies. Pink
oots. The
with rich

- 1 Hill
- 2 H
- 3 H
- 4 H
- 5 H
- 6 H
- 7 H
- 8 do Planted in pots, *Figula, Anemone, Cyclamen*
- 9 H
- 10 H
- 11 H
- 12 H
- 13 H
- 14 do Went to garden
- 15 H
- 16 H
- 17 H Returned, Daffodils open
- 18 H
- 19 H Sowed seeds in boxes
- 20 H
- 21 H
- 22 Shift front last night. Saw in hall tomorrow
- 23 H
- 24 H
- 25 Asparagus & Rhubarb used
- 26
- 27 Sowed Peas
- 28
- 29
- 30

JOHN HART has the celebrated Teacher's Pocket Bible, in various sizes and bindings.

for the time being

5th Month.

MAY, 31 Days.

Begins on Wednesday.

1878.]

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
New Moon.....	D. 2	h. m. 8 33 mo.	h. m. 8 6 mo.	h. m. 7 57 mo.	h. m. 7 45 mo.	h. m. 7 34 mo.	h. m. 7 26 mo.
First Quarter.....	9	6 18 ev.	5 48 ev.	5 39 ev.	5 27 ev.	5 16 ev.	5 8 ev.
Full Moon.....	16	10 17 mo.	9 47 mo.	9 38 mo.	9 26 mo.	9 15 mo.	9 7 mo.
Third Quarter.....	23	9 27 ev.	8 57 ev.	8 48 ev.	8 36 ev.	8 25 mo.	8 17 ev.
New Moon.....	31	9 33 ev.	9 3 ev.	8 54 ev.	8 42 ev.	8 30 ev.	8 22 ev.

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N. S.			The Dominion.		
M.	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R.&S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	Dg. M.	h. m. s.
1	Wed.	4 54	7 00	Sets.	4 58	6 56	4 49	7 5	Sets.	7 21	15 18	11 56 56
2	Thur.	53	1	7 27	57	57	48	6	7 23	7 53	15 36	56 49
3	Fri.	51	3	8 34	55	59	46	7	8 31	8 24	15 54	56 42
4	Sat.	50	4	9 39	54	7 00	45	9	9 35	8 57	16 11	56 36
5	F.	4 49	7 5	10 40	4 53	7 1	4 43	7 10	10 36	9 33	16 28	11 56 31
6	Mon.	47	7	11 34	51	2	42	11	11 28	10 9	16 45	56 29
7	Tues.	45	8	Morn.	49	3	41	12	Morn.	10 49	17 1	56 21
8	Wed.	43	9	0 17	48	4	39	13	0 13	11 35	17 17	56 18
9	Thur.	41	10	0 52	47	5	38	15	0 48	Morn.	17 33	56 14
10	Fri.	40	11	1 19	46	6	37	16	1 15	0 31	17 49	56 12
11	Sat.	39	12	1 44	45	7	35	17	1 40	1 40	18 4	56 10
12	F.	4 37	7 13	2 7	44	7 8	4 34	7 18	2 3	2 55	18 19	11 56 8
13	Mon.	36	15	2 28	42	10	33	19	2 24	4 10	18 34	56 7
14	Tues.	34	16	2 53	41	12	32	20	2 49	5 11	18 48	56 6
15	Wed.	33	17	3 21	40	13	31	21	3 17	6 5	19 2	56 7
16	Thur.	32	18	Rises.	39	14	30	22	Rises.	6 55	19 16	56 7
17	Fri.	31	19	9 30	38	15	29	23	9 26	7 43	19 30	56 9
18	Sat.	30	20	10 28	37	16	23	25	10 24	8 29	19 43	56 10
19	F.	4 29	7 21	11 13	4 36	7 17	4 27	7 26	11 9	9 14	19 56	11 56 13
20	Mon.	28	22	11 40	35	19	25	27	11 36	10 0	20 8	56 16
21	Tues.	27	23	Morn.	34	20	25	28	Morn.	10 43	20 20	56 19
22	Wed.	27	24	0 16	33	21	24	29	0 12	11 27	20 32	56 23
23	Thur.	26	25	0 36	32	22	23	30	0 32	ev.16	20 43	56 28
24	Fri.	25	27	0 58	31	23	22	31	0 54	1 9	21 54	56 33
25	Sat.	24	25	1 15	31	24	22	32	1 11	2 7	21 6	56 38
26	F.	4 23	7 29	1 32	4 30	7 25	4 21	7 33	1 28	3 13	21 15	11 56 45
27	Mon.	22	30	1 51	29	25	20	34	1 47	4 16	21 25	56 52
28	Tues.	21	31	2 10	28	26	19	35	2 6	5 10	21 35	56 59
29	Wed.	21	32	2 35	28	26	19	36	2 31	6 0	21 44	57 7
30	Thur.	20	33	3 4	27	26	18	36	3 0	6 41	21 53	57 15
31	Fri.	20	34	3 44	27	27	18	37	3 40	7 22	21 1	11 57 23

MAY.—We met with a piece of good advice the other day suitable for all farmers, and especially for the young folks. It was, "be sociable with animals." It is good advice for life in all relations to one another, but we recommend kindness and sociableness with all the creatures usually found in a farm yard. The cows and oxen, the calves, the sheep, the lambs, the pigs, the chickens and ducks, the horses and colts, and why not also the cats and dogs. They are in some respects our companions. They live with us and for us, and with a little familiarity may afford us great pleasure. Boys are often rough in speech and action, and animals know the difference between roughness and smoothness. They are sensitive to kindness and pleasant speech. To cows especially, if you want an increase of milk, be kind and social.

1 *Sowed Be*
 2 *Sowed Cabb*
 3 *Court*
 4
 5
 6
 7
 8
 9
 10
 11
 12 *Boys, but*
 13 *9*
 14
 15 *Sowed in*
 16 *Blanted*
 17
 18
 19
 20
 21
 22
 23
 24 *Sowed warts*
 25 *do do*
 26
 27
 28 *Sowed peas*
 29 *do*
 30 *do*
 31 *Sowed B.*

Wednesday.

1878.]

MEMORANDUM FOR MAY.

17

London.

h. m.
7 26 mo.
5 8 ev.
9 7 mo.
9 17 ev.
8 22 ev.

Dominion.

Sun on Meridian.

h. m. s.

11 56 56
56 49
56 42
56 36

11 56 31
56 29
56 21
56 18
56 14
56 12
56 10

11 56 8
56 7
56 6
56 7
56 7
56 9
56 10

11 56 13
56 16
56 19
56 23
56 28
56 33
56 38

11 56 45
56 52
56 59
57 7
57 15
11 57 23

le for all animals.''
end kind-
ard. The
nd ducks,
e in some
le famili-
nd action,
They are
a want au

1 Sowed vegetable seeds, & planted 2 rows Potatoes

2 Sowed cabbage seed (in yard)

3 Court setting out flower roots

4 do do

5 do do

6 do do

7 do do

8 do do

9 do do

10 do do

11 do do

12 Cold, but no frost

13 do

14 do

15 Frost, considerable damage in the country; but in garden

16 Planted, Beans, broad, Squashes

17 do

18 do

19 do

20 do

21 do

22 do

23 do

24 do

25 do

26 do

27 do

28 do

29 do

30 do

31 do

1 First Strawberry open

All the leading School Text Books to be had at JOHN HART'S.

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	7	11 40 ev.	11 10 ev.	11 1 ev.	10 49 ev.	10 38 ev.	10 30 ev.
Full Moon.....	14	7 37 ev.	7 7 ev.	6 58 ev.	6 46 ev.	6 35 ev.	6 27 ev.
Third Quarter.....	22	3 1 ev.	2 31 ev.	2 22 ev.	2 10 ev.	1 59 ev.	1 51 ev.
New Moon.....	30	8 16 mo.	7 46 mo.	7 37 mo.	7 25 mo.	7 14 mo.	7 6 mo.

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N.S.			The Dominion.		
M	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R & S	High Tide.	Sun's Declin.	Sun on Meridian.
1	Sat.	h. m. 4 20	h. m. 7 34	h. m. Sets.	h. m. 4 27	h. m. 7 28	h. m. 4 17	h. m. 7 38	h. m. Sets.	h. m. 8 1	D. M. 22 9	h. m. s. 11 57 32
2	F.	4 20	7 36	9 28	4 27	7 29	4 19	7 39	9 24	8 39	22 17	11 57 42
3	Mon.	19 37	10 16	26 31	16 41	10 12	9 18	22 24	57 51			
4	Tues.	19 37	10 54	26 31	16 41	10 50	10 0	22 31	54 1			
5	Wed.	18 38	11 23	25 32	15 41	11 19	10 44	22 38	58 12			
6	Thur.	17 39	11 50	24 32	15 42	11 46	11 32	22 44	58 22			
7	Fri.	17 40	Morn.	24 34	15 43	Morn	Morn	22 49	58 33			
8	Sat.	17 41	0 14	24 34	14 44	0 7	0 25	22 55	58 45			
9	F.	4 17	7 42	0 32	4 24	7 35	4 14	7 44	0 28	1 24	23 0	11 58 56
10	Mon.	17 42	0 55	24 36	14 45	0 51	2 26	23 4	59 8			
11	Tues.	17 43	1 20	24 36	14 45	1 16	3 34	23 8	59 20			
12	Wed.	16 43	1 52	23 36	14 46	1 47	4 36	23 12	59 32			
13	Thur.	16 44	2 26	23 37	14 47	2 22	5 40	23 15	59 41			
14	Fri.	16 44	Rises.	23 37	13 48	Rises.	6 38	23 18	59 67			
15	Sat.	16 44	9 06	23 38	13 49	9 1	7 32	23 21	12 0 9			
16	F.	4 16	7 46	9 45	4 23	7 38	4 14	7 47	9 41	8 20	23 23	12 0 25
17	Mon.	16 46	10 16	28 39	14 48	10 12	9 5	23 24	0 35			
18	Tues.	16 46	10 40	28 39	14 48	10 36	9 48	23 25	0 48			
19	Wed.	16 46	10 1	28 39	14 48	10 67	10 29	23 26	1 1			
20	Thur.	16 47	11 18	23 40	14 49	11 14	11 7	23 27	1 14			
21	Fri.	16 47	11 36	24 40	14 49	11 32	11 48	23 27	1 27			
22	Sat.	17 47	0 53	25 40	15 49	11 49	ev 30	23 26	1 40			
23	F.	4 17	7 47	Morn.	4 25	7 39	4 15	7 49	Morn	1 14	23 25	12 1 53
24	Mon.	18 46	0 13	25 39	15 49	0 9	2 2	23 24	2 6			
25	Tues.	18 47	36	25 39	15 49	0 32	3 1	23 22	2 18			
26	Wed.	18 46	1 2	26 39	16 49	0 58	4 5	23 20	2 31			
27	Thur.	19 46	1 37	26 39	16 49	1 33	5 8	23 18	2 44			
28	Fri.	19 46	2 21	26 39	17 49	2 17	6 5	23 15	2 56			
29	Sat.	20 46	3 17	25 38	17 49	3 13	6 55	23 12	3 8			
30	F.	4 20	7 46	Sets.	4 26	7 38	4 18	7 49	Sets.	7 42	23 28	12 3 20

JUNE.—It is not pleasant to have that "thistle" nuisance called the "Canada Thistle," but there may be some good reason for it, although there are plenty of that same in the border States, which it would be hard to trace to a Canadian origin. We have them. Let us get rid of them. A practical man says:—"I once killed a patch of these thistles by sowing the land to buckwheat so thick that it completely smothered them." He says also, that "a man who wrote on this subject some years ago said that he had cut thistles several years ago from the 15th to the 25th of August, and they had always died." Another cut the thistles in August close to the ground, and put a tablespoonful of salt upon the head of each stalk. They were not killed, but weakened, so that three plowings next season destroyed them all.

Saturday

1878.]

MEMORANDUM FOR JUNE.

19

London,
h. m.
10 30 ev.
6 27 ev.
1 51 ev.
7 6 mo.

Dominion.

Sun on
Meridian.

h. m. s.
11 57 32
11 57 42
57 51
54 1
58 12
58 22
58 33
58 45

11 58 56
59 8
59 20
59 32
59 41
59 51
12 0 9
12 0 23
0 35
0 48
1 1
1 14
1 27
1 40

12 1 53
2 6
2 18
2 31
2 41
2 56
3 8
12 3 20

called the
h there are
trace to a
tical man
buckwheat
man who
eral years
Another
ful of salt
that three

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

Set out Orders & Address

Go to north river. Five or six firming stones

at Grot

Several degrees below freezing last night. Long frosts by the first

Plain and Ornamental Stationery in endless variety at JOHN HART'S.

Moon's Phases.	D.	Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	7	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	14	4 6 mo.	3 36 mo.	3 27 mo.	3 15 mo.	3 4 mo.	3 56 mo.
Third Quarter.....	22	8 40 mo.	6 10 mo.	6 1 mo.	5 49 mo.	5 38 mo.	5 30 mo.
New Moon.....	29	8 1 mo.	7 31 mo.	7 22 mo.	7 10 mo.	6 59 mo.	6 51 mo.
		5 26 ev.	4 56 ev.	4 47 ev.	4 35 ev.	4 24 ev.	4 16 ev.

DAYS.		Ottawa.		The Moon.		Toronto.		Halifax, N.S.			The Dominion.	
M.	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Mon.	4 20	7 46	8 52	4 27	7 39	4 18	7 49	8 48	8 25	23 4	12 3 32
2	Tues.	21 46	9 26	28 89	19 49	9 42	9 7	9 42	9 7	22 59		3 44
3	Wed.	22 46	9 52	29 39	20 49	9 48	9 51	9 51	9 51	22 54		3 55
4	Thur.	22 46	10 16	30 28	21 48	10 12	10 36	10 36	10 36	22 49		4 6
5	Fri.	22 45	10 39	30 38	21 48	10 35	11 22	11 22	11 22	22 43		4 16
6	Sat.	24 44	11 00	31 38	22 48	10 56	Morn	22 37				4 26
7	F.	4 25	7 44	11 24	4 32	7 38	4 22	7 47	11 20	0 9	22 31	12 4 36
8	Mon.	26 44	11 51	4 33	37 28	47 11	47 10	22 44				4 46
9	Tues.	27 44	Morn.	34 86	34 86	24 46	Morn	1 53	22 17			4 55
10	Wed.	28 43	0 25	34 86	25 46	0 21	2 56	22 9				5 8
11	Thur.	28 43	1 9	34 86	25 45	1 5	4 9	22 1				5 11
12	Fri.	30 42	2 2	34 85	26 44	1 58	5 24	22 59				5 19
13	Sat.	30 41	3 2	35 84	27 44	2 58	6 31	21 44				5 26
14	F.	4 31	7 41	Rises.	4 36	7 34	4 28	7 43	Rises.	7 27	21 35	12 5 33
15	Mon.	32 41	8 42	37 33	29 43	8 38	8 14	21 25				5 39
16	Tues.	33 40	9 4	36 82	30 42	9 0	9 55	21 15				5 45
17	Wed.	33 39	9 23	39 82	31 41	9 19	9 32	21 5				5 50
18	Thur.	34 38	9 41	40 81	32 40	9 37	10 9	20 54				5 55
19	Fri.	35 37	9 58	41 80	33 39	9 54	10 48	20 48				5 59
20	Sat.	36 36	10 16	42 29	34 38	10 12	11 14	20 32				6 3
21	F.	4 37	7 35	10 37	4 43	7 29	4 35	7 38	10 33	11 48	22 20	12 6 6
22	Mon.	38 34	11 2	44 28	36 37	10 58	ev. 24	20 8				6 9
23	Tues.	39 33	11 33	45 27	38 36	11 29	1 4	19 56				6 11
24	Wed.	40 32	Morn.	46 26	39 35	Morn	1 54	19 43				6 13
25	Thur.	41 31	0 11	47 25	40 34	0 7	2 57	19 30				6 14
26	Fri.	42 30	1 1	47 24	41 33	0 57	4 19	19 17				6 14
27	Sat.	43 29	2 3	49 23	42 31	1 59	5 37	19 3				6 14
28	F.	4 43	7 28	8 10	4 49	7 22	4 43	7 30	3 10	6 35	18 49	12 6 13
29	Mon.	44 27	Sets.	50 21	44 29	Sets.	8 26	18 35				6 12
30	Tues.	46 26	7 53	51 21	44 28	7 49	8 12	18 20				6 9
31	Wed.	47 25	8 16	52 20	45 27	8 14	8 54	18 6				6 7

JULY.—The surroundings of a farm house often present a cheerless and unpleasant aspect. This ought not to be so. It need not be so. With a little trouble, and without much expense, a nice lawn of grass may be formed. Rare flowers and choice shrubs are set off to advantage by intersecting plots of grass, which has been well called the groundwork of rural beauty. By frequent mowing and topdressing, a rough grass plot may be made soft to the foot and graceful to the eye. Take out the weeds, or they will spoil your work. If, after mowing, the cut grass shows, rake it off, but if it be, as it were, unseen, let it remain as mulch for the roots. If there are any bare spots, cut them out, and bring in fresh turf. If you cannot get sod, then seed down, but it will require a couple of years to get it into shape. Be determined to have something handsome and you will accomplish it.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31

a Monday.

MEMORANDUM FOR JULY.

London.
h. m.
3 56 mo.
5 30 mo.
6 51 mo.
4 16 ev.

omulion.

Sun on Meridian.

h. m. s.
12 3 32
3 44
3 55
4 6
4 16
4 28

12 4 36
4 46
4 56
5 6
5 11
5 19
5 26

12 5 33
5 39
5 45
5 50
5 59
6 3

12 6 6
6 11
6 13
6 14
6 14
6 14

12 6 13
6 12
6 9
12 6 7

less and
a little
d. Rare
of grass,
at mow-
graceful
mowing,
main as
in fresh
of years
you will

Table with 26 numbered rows and multiple columns of faint text, including a handwritten 'Private' in row 10.

Paper Hangings and Window Shades shipped to Customers in any part of the country by J. HART.

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	D. 6	h. m. 9 5 mo.	h. m. 8 25 mo.	h. m. 8 26 mo.	h. m. 8 14 mo.	h. m. 8 8 mo.	h. m. 7 55 mo.
Full Moon.....	12	8 2 ev.	7 23 ev.	7 23 ev.	7 11 mo.	7 0 ev.	6 52 ev.
Third Quarter.....	20	11 53 ev.	11 23 mo.	11 14 mo.	11 2 mo.	10 51 mo.	10 43 mo.
New Moon.....	28	1 45 mo.	1 15 mo.	1 6 mo.	0 54 mo.	0 43 mo.	0 26 mo.

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N.S.			The Dominion.		
M	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R & S	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Thur.	4 48	7 24	8 42	4 54	7 18	4 46	7 26	8 28	9 26	17 50	12 6 4
2	Fri.	50	22	9 4	55	17	48	25	9 0	10 19	17 35	6 0
3	Sat.	51	21	9 29	56	16	49	23	9 25	11 2	19 19	5 55
4	F.	4 52	7 20	9 55	4 57	7 15	4 50	7 22	9 51	11 43	17 8	12 5 00
5	Mon.	58	19	10 27	58	14	51	20	10 23	Morn.	16 47	5 44
6	Tues.	55	17	11 8	59	13	52	19	11 4	0 29	16 30	5 38
7	Wed.	56	16	11 55	5 0	12	53	17	11 51	1 20	16 13	5 31
8	Thur.	57	14	Morn.	1	10	54	16	Morn.	2 24	15 56	5 22
9	Fri.	58	12	0 58	2	8	55	15	0 49	3 50	15 39	5 15
10	Sat.	59	11	1 58	3	7	57	13	1 54	5 19	15 21	5 7
11	F.	5 1	7 9	3 5	5 5	7 6	4 58	7 12	3 1	6 29	15 8	12 4 57
12	Mon.	2	8	Rises.	6	4	59	10	Rises.	7 21	14 45	4 47
13	Tues.	8	7	7 28	7	3	5 0	9	7 24	8 3	14 27	4 37
14	Wed.	4	5	7 46	8	1	2	7	7 42	8 27	14 8	4 26
15	Thur.	5	3	8 4	9	6 59	3	6	8 0	9 9	13 50	4 14
16	Fri.	6	2	8 20	10	58	4	4	8 16	9 41	13 31	4 2
17	Sat.	7	1	8 40	11	57	5	3	8 26	10 10	13 11	3 50
18	F.	5 8	6 59	9 5	5 12	6 56	5 6	7 0	9 1	10 41	12 52	12 3 37
19	Mon.	9	57	9 38	13	54	8	6 59	9 29	11 8	12 33	3 28
20	Tues.	11	55	10 6	14	52	9	57	10 2	11 39	12 12	3 9
21	Wed.	12	54	10 49	16	50	10	56	10 45	ev. 17	11 52	2 55
22	Thur.	13	52	11 43	17	49	11	54	11 39	1 4	11 32	2 40
23	Fri.	14	50	Morn.	18	47	12	52	Morn.	2 8	11 12	2 25
24	Sat.	16	48	0 50	19	46	13	51	0 45	3 41	10 5	2 9
25	F.	5 18	6 46	2 5	5 20	6 46	5 15	6 49	2 1	5 8	10 30	12 1 53
26	Mon.	19	45	3 24	21	43	16	47	3 20	6 18	10 9	1 37
27	Tues.	20	43	4 44	22	40	17	45	4 40	7 6	9 48	1 20
28	Wed.	21	41	Sets.	24	38	18	44	Sets.	7 51	9 27	1 2
29	Thur.	22	40	8 37	25	37	19	42	8 33	8 28	9 6	0 45
30	Fri.	23	38	9 16	26	36	20	40	9 12	9 12	8 45	0 27
31	Sat.	24	36	9 58	27	34	21	39	9 54	9 54	8 22	12 0 9

AUGUST.—Insurance companies will, perhaps, thank us for suggesting that every farmer should effect an insurance on his buildings. Uninsured, the farmer runs the risk of losing buildings, tools, implements, live stock and crops. Choose a safe company, but by all means insure. The wise precaution enforced by a company begets habits of precaution and carefulness on the part of the insurer. A policy may be vitiated by a reckless use of lights and fire, therefore caution is exercised. Dangerous and explosive oils are avoided, and, in fact, most people will follow advice from another and readily accept regulations prescribed. Men might exercise their own reason, but they do not, and would often run risks, except for the fact that they are required to be careful. Have an insurance on your property.

Thursday, 878.]

MEMORANDUM FOR AUGUST.

23

London.

h. m.
7 55 mo.
6 03 ev.
10 43 mo.
0 56 mo.

Dominion.

Sun on
Meridian.

h. m. s.
12 6 4
6 55

12 5 60

5 44

5 38

5 31

5 28

5 15

5 7

12 4 57

4 47

4 37

4 26

4 14

4 2

3 50

12 3 57

3 23

3 9

2 66

2 40

2 26

2 9

12 1 58

1 37

1 26

1 2

0 46

0 27

12 0 9

Saint Nicholas

sting that
be farmer
Choose
by a com-
surer. A
caution is
st people
ed. Men
ks, except
your pro-

The Danville School Slates are superior to any now in use, get them at HART'S.

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	D. 8	h. m. 4 11 ev.	h. m. 3 41 ev.	h. m. 3 32 ev.	h. m. 3 20 ev.	h. m. 3 9 ev.	h. m. 3 1 ev.
Full Moon.....	11	11 35 mo.	11 5 mo.	10 56 mo.	10 44 mo.	10 33 mo.	10 25 mo.
Third Quarter.....	19	2 16 ev.	1 46 ev.	1 37 ev.	1 25 ev.	1 14 ev.	1 6 ev.
New Moon.....	26	9 56 mo.	9 26 mo.	9 17 mo.	9 5 mo.	8 54 mo.	8 46 mo.

Court

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N. S.				The Dominion.	
M. Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High tides.	Sun's Declin.	Sun on Meridian	
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.	
1 F.	5 26	6 34	8 28	5 27	6 33	5 28	6 38	8 24	10 35	8 1	11 59 50	
2 Mon.	28	32	9 6	28	32	25	35	9 2	11 16	7 39	59 31	
3 Tues.	29	30	9 54	30	29	26	34	9 50	Morn.	7 17	59 12	
4 Wed.	30	28	10 47	31	28	27	32	10 43	0 2	6 54	58 52	
5 Thur.	31	26	11 51	32	26	28	30	11 47	0 54	6 32	58 32	
6 Fri.	32	24	Morn.	34	24	29	28	Morn.	2 6	6 10	58 12	
7 Sat.	36	23	0 57	35	23	31	26	0 58	3 42	5 46	57 52	
8 F.	5 25	6 21	2 4	5 26	6 21	5 32	6 24	2 0	6 15	5 25	11 57 32	
9 Mon.	26	19	3 10	27	20	24	22	3 6	7 18	5 5	57 11	
10 Tues.	27	17	4 13	28	18	24	20	4 9	7 4	4 38	56 50	
11 Wed.	29	16	Rises.	29	16	25	18	Rises.	7 40	4 16	56 29	
12 Thur.	40	14	6 23	40	15	26	16	6 19	8 11	3 53	56 8	
13 Fri.	42	12	6 46	41	13	27	14	6 42	8 40	3 39	55 47	
14 Sat.	43	10	7 9	42	11	28	12	7 5	9 8	3 7	55 26	
15 F.	5 44	6 7	7 34	5 43	6 9	5 30	6 13	7 30	9 38	2 44	11 55 5	
16 Mon.	45	6	8 5	45	8	40	8	8 1	10 6	2 22	54 44	
17 Tues.	45	4	8 46	46	7	41	6	8 41	10 35	1 58	54 23	
18 Wed.	45	3	9 34	47	5	42	5	9 31	11 4	1 34	54 4	
19 Thur.	49	1	10 31	48	3	44	4	10 29	11 41	1 11	53 40	
20 Fri.	50	5 58	11 41	49	1	45	2	11 27	ev 29	0 48	53 19	
21 Sat.	51	56	Morn.	50	5 57	46	6 0	Morn.	1 37	0 24	52 58	
22 F.	5 52	5 57	0 56	5 52	5 56	5 47	5 59	0 52	3 12	N. 1	11 52 38	
23 Mon.	54	55	2 15	52	54	48	57	2 11	4 44	3 21	52 17	
24 Tues.	55	53	3 38	53	49	55	55	3 29	5 52	0 48	51 56	
25 Wed.	55	52	4 54	54	50	50	52	4 50	6 49	1 0	51 25	
26 Thur.	57	50	Sets.	55	49	52	51	Sets.	7 24	1 22	51 15	
27 Fri.	59	47	5 56	57	47	53	49	5 52	8 3	1 55	50 55	
28 Sat.	6 0	44	6 26	59	45	54	47	6 32	8 46	2 18	50 35	
29 F.	6 1	5 42	7 48	6 0	5 43	5 55	5 45	6 53	9 27	3 42	11 50 16	
30 Mon.	2	40	7 48	1	40	57	43	7 44	10 11	3 5	11 49 56	

SEPTEMBER.—A thrasher from his youth makes a note of his observations about clover and clover seed. He says, where there was large yield, it was where seed had been sown one bushel to five or six acres, mown the last days of June and plastered after the first crop had been taken off. This thrasher says:—"I have raised seed myself that went four and a half bushels to the acre." He experimented in taking clover from the field in three different conditions, and laid away to dry, for the purpose of knowing when was the best time to cut seed clover. The first was when dead ripe; the second, when handsomely brown; and the third, when still greener. When dry the seed was rubbed out, and in the three, could see no difference. This shows that the head receives enough sustenance from the stock after it is cut to mature the seed, and when cut a little greener, nearly every seed can be saved.

26 } Frost

27 }
28 }
29 }
30 }

on Sunday.

1878.]

MEMORANDUM FOR SEPTEMBER.

25

1	
2	
3	
4	<i>Court</i>
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

A fine lot of Fancy Flower Pots, Hanging Baskets, &c , at HART'S.

London.
 h. m.
 3 1 ev.
 10 26 mo.
 1 6 ev.
 5 46 mo.

Dominion.

Sun on
 Meridian

h. m. s.
 11 59 50
 59 31
 59 12
 58 52
 58 32
 58 12
 57 52
 11 57 32
 57 11
 56 50
 56 29
 56 8
 55 47
 55 26
 11 55 5
 54 44
 54 23
 54 1
 53 40
 53 19
 52 58
 11 52 36
 52 17
 51 56
 51 36
 51 16
 50 55
 50 36
 11 50 16
 49 56

servations
 was where
 s of June
 says:—"I
 He expe-
 laid away
 ed clover.
 and the
 the three,
 astenance
 Greener,

} Frost quite severe

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	D. 3	h. m. 2 46 mo.	h. m. 4 10 mo.	h. m. 2 7 mo.	h. m. 1 55 mo.	h. m. 1 41 mo.	h. m. 1 36 mo.
Full Moon.....	11	4 40 mo.	4 10 mo.	4 1 mo.	3 49 mo.	3 38 mo.	3 30 mo.
Third Quarter.....	19	2 55 mo.	2 25 mo.	2 16 mo.	2 4 mo.	1 53 mo.	1 45 mo.
New Moon.....	25	6 44 ev.	6 14 ev.	5 42 ev.	5 58 ev.	5 42 ev.	5 34 ev.

DAYS.		Ottawa.		The Moon.	Toronto.		Halifax, N.S.			The Dominion.		
M.	Week.	Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Tues.	6 8	5 38	8 41	6 2	5 38	5 58	5 41	8 37	10 53	3 28	11 49 37
2	Wed.	4	36	9 42	3	36	59	40	9 38	11 40	3 52	49 18
3	Thur.	5	34	10 47	4	34	6 0	39	10 43	Morn.	4 15	49 0
4	Fri.	7	32	11 55	5	32	2	37	11 51	0 37	4 38	48 41
5	Sat.	8	30		6	30	3	35	Morn.	1 50	5 1	48 24
6	F.	6 9	5 27	1 3	6 7	5 29	6 4	5 33	0 59	3 23	5 24	11 48 6
7	Mon.	11	25	2 7	8	27	5	31	2 3	4 43	5 47	47 49
8	Tues.	12	24	3 10	9	26	6	29	3 6	5 48	6 10	47 32
9	Wed.	13	21	4 11	10	24	8	27	4 7	6 34	6 33	47 16
10	Thur.	14	20	5 13	11	22	9	25	5 9	7 10	6 56	47 0
11	Fri.	15	19	Rises.	12	20	11	23	Rises.	7 42	7 18	46 44
12	Sat.	16	17	5 40	14	19	12	21	5 36	8 10	7 41	46 29
13	F.	6 18	5 14	6 8	6 15	5 17	6 13	5 19	6 4	8 38	8 3	11 46 15
14	Mon.	20	12	6 45	16	15	14	17	6 41	9 6	8 26	46 1
15	Tues.	21	9	7 30	17	13	15	15	7 26	9 38	8 48	45 48
16	Wed.	23	7	8 25	19	12	17	13	8 21	10 7	9 10	45 35
17	Thur.	24	5	9 27	20	9	18	11	9 23	10 40	9 32	45 23
18	Fri.	25	4	10 39	21	8	20	9	10 35	11 21	9 54	45 11
19	Sat.	26	2	11 52	22	6	22	8	11 48	ev 11	10 15	45 1
20	F.	6 28	5 1	Morn.	6 24	5 5	6 23	5 7	Morn.	1 20	10 37	11 44 50
21	Mon.	29	4 59	1 8	25	3	24	5	1 4	2 47	10 58	44 41
22	Tues.	31	57	2 32	27	2	25	4	2 28	4 13	11 19	44 32
23	Wed.	32	55	3 44	28	4 59	26	2	3 40	5 18	11 40	44 24
24	Thur.	33	53	5 8	29	58	28	1	4 19	6 9	12 1	44 16
25	Fri.	35	52	Sets.	30	57	29	4 59	Sets.	6 54	12 22	44 9
26	Sat.	36	50	4 54	31	56	30	58	4 50	7 38	12 42	44 3
27	F.	6 38	4 49	5 36	6 32	4 54	6 31	4 56	5 32	8 22	13 3	11 43 58
28	Mon.	39	47	6 27	32	53	33	55	6 23	9 17	13 33	43 53
29	Tues.	41	46	7 28	35	52	34	53	7 24	9 52	13 43	43 50
30	Wed.	42	46	8 35	38	50	36	52	8 31	10 38	14 2	43 47
31	Thur.	43	45	9 44	40	48	37	51	9 40	11 24	14 22	11 44 33

OCTOBER.—An experienced correspondent of the *New England Farmer* gives his opinion on the subject of salting cows, which we give in a condensed form.

1. Cows, and even calves (which are not given credit for knowing much, do know when they want salt, and how much they want.

2. If salt is always kept where they can get it, they will eat the quantity they require and no more.

3. That salt fed to cows has as much influence on the milk and butter as the food and drink.

4. That salt fed to cows in just the right time will affect the time of churning as much as four degrees of temperature, and if not fed at all, more than fifteen degrees.

5. That salt gives to butter a clearer and brighter appearance. Others may think differently, but this is given as the result of experience.

1
2
3 *Out up*
4
5
6
7
8
9
10
11 *Take in*
12
13
14 *Blended*
15 *name*
16 *Blended*
17 *Blended*
18
19
20
21
22
23
24
25
26
27
28
29
30
31

Tuesday,

1878.]

MEMORANDUM FOR OCTOBER

27

London,

h. m.
1 36 mo.
3 30 do.
1 45 mo.
5 34 ev.

Dominion.

Sun on
Meridian.

h. m. s.
11 49 37
49 18
49 0
48 41
48 24
11 48 6
47 49
47 32
47 16
47 0
46 44
46 29
11 46 15
46 1
45 48
45 35
45 23
46 11
46 1

11 44 50
44 41
44 32
44 24
44 16
44 9
44 5
11 43 58
43 55
43 50
43 47
11 44 43

per gives
d form.

such, do

ifty they

er as the

burning
n fifteen

ers may

3 Cut up tinning stove

11 Cut up stove of the furnace

14 Cut up headstone in pits. Put out large fork in furnace

15 Cut up Dutch boiler & boiler furnace. Work

16 Cut up boiler & boiler furnace

29 Cut up boiler & boiler furnace (see table)

Canton's and Prang's Christmas and New Year Stationery at JOHN HART'S.

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	D. 1	h. m. 5 36 ev.	h. m. 5 6 ev.	h. m. 4 57 ev.	h. m. 4 45 ev.	h. m. 4 34 ev.	h. m. 4 26 ev.
Full Moon.....	9	10 19 ev.	9 49 ev.	9 40 ev.	9 28 ev.	9 17 ev.	9 9 ev.
Third Quarter.....	17	1 44 ev.	1 14 ev.	1 5 ev.	0 53 ev.	0 42 ev.	0 34 ev.
New Moon.....	24	4 66 mo.	4 26 mo.	4 17 mo.	4 5 mo.	3 54 mo.	3 46 mo.

M.	Week.	Ottawa.		The Moon.	Toronto.		Halifax, N.S.				The Dominion.	
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R. & S.	High Tide.	Sun's Declin.	Sun on Meridian.
		h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	D. M.	h. m. s.
1	Fri.	6 44	4 44	10 53	6 41	4 47	6 38	4 49	10 49	Morn.	14 41	11 43 43
2	Sat.	46	42	11 59	43	46	40	47	11 55	0 19	15 0	43 42
3	F.	6 48	4 40	Morn.	6 44	4 44	6 42	4 46	Morn.	1 25	15 19	11 43 42
4	Mon.	49	39	1 1	45	43	44	44	0 57	2 59	15 39	43 43
5	Tues.	50	37	2 3	47	41	44	43	1 59	4 0	15 55	43 44
6	Wed.	52	36	3 6	48	40	45	42	3 2	5 3	16 13	43 47
7	Thur.	54	34	4 6	49	39	46	41	4 2	5 53	16 31	43 50
8	Fri.	55	32	5 9	50	38	47	39	5 5	6 32	16 48	43 54
9	Sat.	56	31	Rises.	51	36	49	38	Rises.	7 7	17 6	43 59
10	F.	6 57	4 29	4 46	6 53	4 35	6 50	4 37	4 42	7 39	17 22	11 44 5
11	Mon.	58	28	5 27	54	34	51	36	5 23	8 11	17 38	44 11
12	Tues.	7 0	27	6 21	56	33	53	35	6 17	8 43	17 55	44 19
13	Wed.	1	26	7 23	56	32	54	34	7 19	9 17	18 11	44 27
14	Thur.	3	25	8 30	58	31	55	33	8 26	9 52	18 26	44 35
15	Fri.	5	24	9 41	7 0	30	57	32	9 37	10 29	18 41	44 47
16	Sat.	6	23	10 54	1	29	58	31	10 50	11 12	18 56	44 58
17	F.	7 7	4 22	Morn.	7 2	4 28	6 59	4 30	Morn.	ev. 3	19 11	11 45 10
18	Mon.	8	21	0 7	3	27	7 0	29	0 3	1 5	19 25	45 22
19	Tues.	11	20	1 22	5	27	2	29	1 18	2 14	19 39	45 35
20	Wed.	12	19	2 37	6	26	3	28	2 34	3 39	19 53	45 50
21	Thur.	13	18	3 55	7	26	4	27	3 51	4 37	20 6	46 5
22	Fri.	14	18	5 19	8	25	5	26	5 14	5 39	20 18	46 21
23	Sat.	16	17	6 37	10	24	7	25	6 34	6 27	20 31	46 38
24	F.	7 17	4 16	Sets.	7 11	4 24	7 9	4 25	Sets.	7 18	20 43	11 46 56
25	Mon.	18	15	5 8	12	23	10	24	5 4	8 6	20 55	47 14
26	Tues.	19	15	6 13	13	22	11	24	6 9	8 54	21 6	47 38
27	Wed.	21	15	7 25	15	21	13	24	7 21	9 41	21 17	47 53
28	Thur.	22	14	8 36	16	21	14	23	8 32	10 27	21 27	48 13
29	Fri.	23	13	9 44	17	20	15	23	9 40	11 11	21 37	48 34
30	Sat.	25	13	1 51	18	19	16	22	10 47	11 59	21 47	11 48 56

NOVEMBER.—In addition to the trade in cattle for the foreign market, there has been considerable business done in the sale of horses. Last September Messrs. Potter and Stevenson visited Canada for the purpose of exporting horses to England regularly. In that month they shipped eleven fine carriage horses. It is believed a profitable trade may be established between Canada and Great Britain. Canadian horses are greatly admired and prized. We mention these facts to suggest the utility of paying attention to the raising of first class animals. It will not pay to attempt a business of this kind, unless the greatest care be exercised in the choice of mares and sires. Common sense dictates this much, but for further and practical particulars, it would be well to consult the best authorities.

1 Snow
2
3
4
5 Fair day
6 Snow
7 Snow
8
9
10
11
12
13
14
15
16
17
18
19 One day
20
21
22
23 Snow, diff
24
25 Fine with
26
27
28
29
30

Friday.

1878.]

MEMORANDUM FOR NOVEMBER.

29

London.

h. m.
4 26 ev.
9 9 ev.
0 34 ev.
8 46 mo.

Union.

Sun on
eridian.

h. m. s.

1 43 43
43 42
1 43 42
43 43
43 44
43 47
43 50
43 54
43 59

1 44 5

44 11
44 19
44 27
44 37
44 47
44 58

1 45 10

45 22
45 35
45 50
46 5
46 21
46 38

1 46 56

47 14
47 33
47 53
48 13
48 34
1 48 56

1, there
Messrs.
reses to
res. It
at Bri.
re facts
ils. It
- exer-
but for
rities.

1 Snow (very slight)

2

3

4

5 Fair day. Very cold since Sunday

6

6 Breeze

7

7 Snow

8

Rain almost all day

9

10

11

12

13

14

15

16

17

18

19 Overcast and

20

21

22

23 Snow, diff about 2 inches

24

25 Fine in Hall, but no frost traces

26

27

28

29

30

Moon's Phases.		Halifax.	Quebec.	Ottawa.	Perth.	Toronto.	London.
First Quarter.....	D. 1	h. m. 0 23 ev.	h. m. 11 53 ev.	h. m. 11 44 ev.	h. m. 11 32 ev.	h. m. 11 21 ev.	h. m. 11 13 ev.
Full Moon.....	9	3 35 ev.	3 5 ev.	2 56 ev.	2 44 ev.	2 33 ev.	2 25 ev.
Third Quarter.....	16	10 49 ev.	10 19 ev.	10 10 ev.	9 58 ev.	9 47 ev.	9 39 ev.
New Moon.....	23	5 10 ev.	4 40 ev.	4 31 ev.	4 19 ev.	4 8 ev.	4 0 ev.
First Quarter.....	31	9 43 mo.	9 13 mo.	9 4 mo.	8 52 mo.	8 41 mo.	8 33 mo.

M	Days.	Ottawa.		The Moon.		Toronto.		Halifax, N.S.				The Dominion.			
		Sun Rises.	Sun Sets.	R. & S.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	The Moon R & S.	High Tide.	Sun's Declin.	Sun on Meridian.	h.	m.	s.
1	F.	7 26	4 12	11 53	7 19	4 19	7 17	2 21	11 49	Morn.	21 56	11 49	19	19	19
2	Mon.	26	12	Morn	21	19	18	21	Morn.	0 50	22 5	11 49	42	42	42
3	Tues.	28	12	0 15	21	19	19	20	0 51	1 44	22 13	50	50	50	
4	Wed.	29	11	1 59	22	18	20	20	1 55	2 47	22 21	50	30	30	
5	Thur.	30	11	2 58	24	18	21	20	2 54	3 55	22 29	50	54	54	
6	Fri.	31	11	4 1	25	17	22	20	3 57	4 54	22 36	51	20	20	
7	Sat.	32	11	5 6	26	17	24	20	5 2	5 46	22 42	51	46	46	
8	F.	7 32	4 11	6 11	7 27	4 17	7 25	4 20	6 7	6 30	22 48	11 52	12	12	
9	Mon.	35	11	Rises.	25	18	20	19	Rises.	7 11	22 54	52	39	39	
10	Tues.	36	11	5 19	28	18	27	19	5 15	7 50	22 59	53	6	6	
11	Wed.	36	11	6 29	29	18	27	19	6 16	8 27	23 4	53	33	33	
12	Thur.	37	11	7 32	29	18	28	19	7 28	9 5	23 9	54	1	1	
13	Fri.	38	11	8 46	31	18	29	20	8 42	9 44	23 12	54	30	30	
14	Sat.	39	11	9 58	32	18	30	20	9 54	10 25	23 16	54	59	59	
15	F.	7 40	4 12	11 6	7 32	4 18	7 31	4 21	11 2	11 6	23 19	11 55	28	28	
16	Mon.	41	12	Morn.	33	19	31	21	Morn.	11 55	23 21	55	27	27	
17	Tues.	42	12	0 25	34	19	31	21	0 21	ev.45	23 23	56	26	26	
18	Wed.	42	12	1 39	34	20	32	21	1 35	1 42	23 25	56	56	56	
19	Thur.	43	13	2 58	34	20	32	22	2 54	2 46	23 26	57	26	26	
20	Fri.	43	13	4 14	36	20	33	22	4 10	3 56	23 27	57	56	56	
21	Sat.	44	14	5 34	36	20	34	23	5 39	5 6	23 27	58	26	26	
22	F.	7 45	4 15	6 44	7 37	4 21	7 34	4 23	6 40	6 11	23 26	11 58	56	56	
23	Mon.	45	16	Sets.	37	21	35	24	Sets.	7 8	23 26	59	26	26	
24	Tues.	45	16	5 1	38	22	35	24	4 57	8 1	23 24	59	56	56	
25	Wed.	45	16	6 13	38	23	34	25	6 9	8 47	23 23	12 0	34	34	
26	Thur.	46	17	7 24	38	23	34	26	7 20	9 32	23 20	0	56	56	
27	Fri.	46	18	8 32	38	24	37	27	8 28	10 14	23 18	1	26	26	
28	Sat.	46	18	9 38	38	25	37	27	9 34	10 53	23 15	1	55	55	
29	F.	7 47	4 18	10 42	7 39	4 26	7 37	4 23	10 38	11 31	23 11	12 2	24	24	
30	Mon.	47	19	11 43	39	26	37	29	11 39	Morn	23 7	2	51	51	
31	Tues.	46	20	Morn.	39	27	37	30	Morn.	0 11	23 2	11 3	22	22	

DECEMBER.—Now for a bit of old fashioned advice about the proper method of spending long winter evenings. We are aware there are plenty means of spending time, but we recommend the purchase of a few well chosen suitable books for the cultivation of the mind. Of course, preparations for any special vocation is a primary consideration, but there is a tendency to seek only amusement. That is all very well in its place, but experience has taught many people, once young, that if they had spent considerably more time in solid reading and earnest study of nature and science, it would have been greatly to their advantage. The days of opportunity neglect'd can never be recalled. Be wise to-day, and the to-morrows granted will be all the happier and better.

1
2
3
4
5
6
7
8
9
10 County
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
3
31
1879 Jan 2

nday.

1878.]

MEMORANDUM FOR DECEMBER.

31

London.

h. m.

1 13 ev.
2 25 ev.
9 39 ev.
4 0 ev.
5 33 mo.

ninton.

Sun. on
teridian.

m. s.

49 19
49 42
50 5
50 30
50 54
51 20
51 45

... ..

52 12
52 39
53 6
53 33
54 1
54 30
54 59

... ..

55 28
55 57
56 26
56 56
57 26
57 56
58 26

... ..

58 56
59 26
59 56
0 34
0 56
1 26
1 55

... ..

2 24
2 51
3 22

ethod
pend-
ooks
ation
That
ung,
tudy
days
mor-

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	Society board
11	
12	
13	Started on tour of inspection
14	
15	
16	
17	
18	
19	
20	
21	First considerable fall of snow, 8 or 9 in. (Part from S. Co.)
22	
23	Procure into meeting of Board of Trustees at Col.
24	
25	
26	
27	
28	
29	
30	
31	

Subscribe for Canadian Magazine's, "The Canadian Monthly," and Helford's Magazine at HART'S.

1879 Jan 2 Brought 24 quantities, &c from the cellar

The Royal Family.

THE QUEEN.

VICTORIA, of the United Kingdom of Great Britain and Ireland, &c., Queen, Defender of the Faith. Her Majesty was born at Kensington Palace May 24, 1819; succeeded to the throne June 20, 1837, on the death of her uncle, King William IV.; was crowned June 28, 1838; and married February 10, 1840, to his late Royal Highness Prince Albert. Her Majesty is the only child of his late Royal Highness Edward Duke of Kent, son of King George III. The children of Her Majesty are:—

Her Royal Highness VICTORIA-Adelaide-Mary-Louisa, PRINCESS ROYAL OF ENGLAND AND PRUSSIA, born November 21, 1840, and married to his Royal Highness Frederick William Crown Prince of Germany, January 25, 1858, and has issue five sons and four daughters.

His Royal Highness ALBERT-EDWARD, PRINCE OF WALES, born November 9, 1841; married March 10, 1863, Alexandra of Denmark (Princess of Wales), born December 1, 1844, and has issue three sons and three daughters.

Her Royal Highness Alice-Maud-Mary, born April 25, 1843, married to H. R. H. Prince Frederick Louis of Hesse, July 1, 1862, and has issue two sons and five daughters.

His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, born August 6, 1844, married to the Grand Duchess Marie-Alexandrowna, and has issue one son and one daughter.

Her Royal Highness Helena-Augusta-Victoria, born May 25, 1846, married July 5, 1866, Prince Frederick Christian of Schleswig Holstein, and has issue three sons and two daughters.

Her Royal Highness Louisa-Caroline-Alberta, born March 18, 1848, married March 23, 1871, to the Marquis of Lorne.

His Royal Highness Arthur-William-Patrick-Albert, K. G., born May 1, 1850.

His Royal Highness Leopold-George-Duncan-Albert, born April 7, 1853.

Her Royal Highness Beatrice-Mary-Victoria-Feodore, born April 14, 1857.

A FINE DISPLAY OF

Fancy Goods,

In Mantel and Table Ornaments, in Fine China and Electroplate and Bronze. Silver-Plated Card and Cake Baskets, Cruets, Salvers, Goblets, Fine Table Knives and Forks, Nickel and Electroplate Spoons. Various styles in fine lines for Wedding Presents, &c., &c.

Berlin and Fleecy Wools,

In all shades and Colors, Canvass Patterns, Worked Slippers and Ottomans, new designs. Choice novelties in the Holiday Season.

JOHN HART.

Gilt and Rosewood Mouldings

For Picture and Mirror Frames, made up or in the piece, wholesale and retail. Mirror Plates and Framed Mirrors at

HART'S, Perth.

His Excellency the General of the Dominion, Governor's militia ton, of the Grenac Ward, R.N., aides-extra aides-de-camp Deputy Governors Meredith, LL.D.

Their Honors the Quebec; hon. Adar Brunswick; hon. Sir Cauchon, Manitoba; British Columbia.

COMMANDIN

Premier and Mini Justice and Attorney hon. W. B. Vail; Mi hon. Richard J. Cart sident of the Privy hon. A. J. Smith; Po ture, hon. C. A. P. l Minister of the Inte Officers—Clerk of th Clerks.—F. H. Himsv Frank Newby; M. N Groom and Wm. Rey Wm. A. Himsworth.

Courtesy is a scient the body, which char opening a door that w the same time enabl our character worthy

MA

Olive Oil, Lard, Strau

MACHINERY OILS
Thrashing Mills
Owners of Mills and T
all purposes, and at c

DOMINION OF CANADA.

Seat of Government, Ottawa.

GOVERNOR-GENERAL.

His Excellency the Right Honorable Earl of Dufferin and Clandeboye, Governor-General of the Dominion of Canada.

Governor's military secretary, Lieut.-Col. Hon. Edward George Percy Littleton, of the Grenadier Guards; Lieut. F. R. Hamilton, 9th Foot, and Lieut. F. Ward, R.N., aides-de-camp; Lieut.-Col. Bernard and Lieut. Col. Cumberland, extra aides-de-camp; F. Baker, private secretary.

Deputy Governors to sign Money Warrants.—Wm. A. Himsworth and E. A. Meredith, LL.D.

LIEUTENANT GOVERNORS.

Their Honors the hon. D. A. McDonald, Ontario; hon. Luc Letelier de St. Just, Quebec; hon. Adam G. Archibald, Nova Scotia; hon. S. L. Tiley, C.B., New Brunswick; hon. Sir Robert Hodgson, Knight, Prince Edward Island; hon. Joseph Cauchon, Manitoba; hon. David Laird, North West Territories; hon. A. N. Richard, British Columbia.

COMMANDING HER MAJESTY'S FORCES IN BRITISH NORTH AMERICA.

Lieut. General O'Grady Haly, K.C.B.

PRIVY COUNCIL.

Premier and Minister Public Works, hon. Alexander McKenzie; Minister of Justice and Attorney General, hon. R. Laflamme; Minister of Militia and Defence, hon. W. B. Vail; Minister of Customs, hon. Isaac Burpee; Minister of Finance, hon. Richard J. Cartwright; Minister of Inland Revenue, hon. Mr. Laurier; President of the Privy Council, hon. Ed. Blake; Minister of Marine and Fisheries, hon. A. J. Smith; Postmaster General, hon. L. S. Huntington; Minister of Agriculture, hon. C. A. P. Pelletier; Secretary of State for Canada, hon. R. W. Scott; Minister of the Interior, hon. D. Mills; Receiver General, hon. Thomas Coffin. *Officers*—Clerk of the Privy Council, Wm. A. Himsworth; assistant, J. O. Côté. *Clerks*.—F. H. Himsworth, H. Alexander, Wm. Horace Lee, Lewis J. Burpee, and Frank Newby; M. Naughton, doorkeeper and messenger; Benoni Genier, W. Groom and Wm Reynolds, messengers. *Commissioner per Dedimus potestatem.*—Wm. A. Himsworth.

Courtesy is a science of the highest importance. It is like grace and beauty in the body, which charm at first sight and lead to further intimacy and friendship, opening a door that we may derive instruction from the example of others, and at the same time enabling us to benefit them by our example, if there be anything in our character worthy of imitation.

MACHINERY OILS,

Olive Oil, Lard, Heavy Engine, Elephant, and Lubricating Oils, Straw, Pale and Steam Refined Seal Oils, Tanners Oil, &c., &c,

MACHINERY OILS for all classes of machinery, Saw Mills, Steam Engines Thrashing Mills and Sewing Machines.

Owners of Mills and Thrashing Mills will always find a supply of reliable Oils for all purposes, and at current prices, at the store of

JOHN HART.

RATES OF POSTAGE.

Postage on all matter transmissible by Post—within Canada—to Prince Edward Island, Newfoundland, Great Britain, &c., &c.

LETTER RATES.

Between places within the Dominion.....	3cts per $\frac{1}{2}$ oz'
Between Canada and the United States.....	3cts. per $\frac{1}{2}$ oz'
Between Canada and Newfoundland.....	5cts. per $\frac{1}{2}$ oz'
Between Canada and the United Kingdom.....	5cts. per $\frac{1}{2}$ oz'

Pre-payment must, in all cases, be made by Postage Stamp.

REGISTRATION FEES.

Within the Dominion.....	2cts. each letter.
To the United States.....	5cts. do do
To Newfoundland.....	2cts. do do
To the United Kingdom.....	8cts. do do

These Registration Fees are, of course, in addition to the Postage.

NEWSPAPER RATES.

Between places in the Dominion, to the United States, to Newfoundland, publishers pre-pay their edition in bulk, at the rate of one cent for each pound weight; no further charge on delivery. Transient newspapers within the Dominion, to the United States, Newfoundland, 1c. per 4 oz., to the United Kingdom, 2c. per oz., to be pre-paid by stamp.

ON CANADIAN PERIODICALS.

From office of publication, or from news agencies, for places in the Dominion, to the United States or to Newfoundland, the postage rate is the same as for Newspaper, i.e., 1c. per lb. prepaid in bulk. Transient Periodicals, 1c. per 4 oz.

PERIODICALS AND BOOKS FOR UNITED KINGDOM

Are subject to the British Book Rates, namely:—

Between 1 oz. and 2 oz.....	2c.
do 2 " " 4 ".....	4c.
do 4 " " 6 ".....	6c.

And so on, the scale progressing by a rate of 2c. for every 2 oz.

LOCAL OR "DROP" LETTERS AND POSTAL CARDS.

1c. per $\frac{1}{2}$ oz., to be pre-paid.
Canadian Postal Cards of 1c. each circulate within the Dominion, Newfoundland and United States.

MISCELLANEOUS POSTAL MATTER.

On Books, Pamphlets, Occasional Publications, Printed Circulars, Price-Current, Hand Bills, Book and Newspaper Manuscript, Printers' Proof Sheets, Maps, Prints, Drawings, Engravings, Lithographs, Photographs, Sheet Music, Documents, wholly or partly printed or written, such as Deeds, Insurance Policies, Militia and School Returns, or other documents of like nature, Packages of Seeds, Cuttings, Bulbs, &c., Patterns or Samples of Goods or Merchandise, when posted in Canada, for any place in Canada, the rate is 1c. per 4 oz. in weight, to be pre-paid by stamp.

Miscellaneous matter as above specified for the United States or Newfoundland may also be forwarded on pre-payment of the 1c. per 4 oz. rate, with the exception of packets of samples and patterns of merchandize addressed to the United States, on which a special rate of 10c. has to be prepaid, which must not exceed 8 oz.

POSTAGE RATES AND FORE

COUN

Australia.....	.....
do .....	.....
Argentine Confeder.	.....
Austria.....	.....
Bahamas.....	.....
Belgium.....	.....
Bermuda.....	.....
Brazil.....	.....
Cape of Good Hope..	.....
Ceylon.....	.....
Chili.....	.....
Cuba.....	.....
Denmark.....	.....
Egypt.....	.....
France.....	.....
do .....	.....
Germany.....	.....
Gibraltar.....	.....
Holland.....	.....
Hong Kong.....	.....
India.....	.....
Italy.....	.....
Japan.....	.....
Malta.....	.....
Mexico.....	.....
New Zealand.....	.....
Norway.....	.....
Russia.....	.....
Spain.....	.....
Sweden.....	.....
Switzerland.....	.....
West Indies.....	.....
West Indies.....	.....

Table shewing Post-TERED LETTERS,

France..
German..
India....

For the Piano, Cabin

For commercial and 1 colors; schoo

POSTAGE RATES ON LETTERS AND PAPERS TO PRINCIPAL COLONIES AND FOREIGN COUNTRIES, PREPAYMENT COMPULSORY,

since Ed-

s per 1/2 oz.
per 1 oz.
per 1/2 oz.
per 1/2 oz.

each letter.
do do
do do
do do

and, publ-
weight;
in, to the
er oz., to

union, to
or News-
z.

wfound-

Current
, Prints,
uments,
itia and
uttings,
Canada,
paid by

indland
ception
States,
oz.

COUNTRY.	Per 1/2 oz.		Newspapers.	ROUTE.
	cents.	cents.		
Australia.....	8	4		Via San Francisco
do	16	4		" England.
Argentine Confederation.....	28	6		" New York.
Austria.....	10	4		" England.
Bahamas.....	6	4		" New York.
Belgium.....	10	4		" England.
Bermuda.....	8	4		" New York.
Brazil.....	16	..		" "
Cape of Good Hope.....	16	4		" England.
Ceylon.....	16	4		" "
Chili.....	20	6		" New York.
Cuba.....	8	4		Direct
Denmark.....	10	4		" England.
Egypt.....	10	6		" "
France.....	10 pr 1/2 oz	per 2 oz		" "
do	10 pr 1/2 oz			New York
Germany.....	5	4		Direct
Gibraltar.....	10	4		England
Holland.....	10	4		" "
Hong Kong.....	13	4		" San Francisco
India.....	16	4		" England.
Italy.....	10	4		" "
Japan.....	8	6		" San Francisco
Malta.....	10	4		" England.
Mexico.....	13	..		" New York.
New Zealand.....	15	4		" San Francisco
Norway.....	10	4		" England.
Russia.....	10	4		" "
Spain.....	10	6		" "
Sweden.....	10	4		" "
Switzerland.....	10	4		" "
West Indies	28	..		" "
West Indies.....	16	16		" New York.

Table shewing Postage, including Registration Fee, to be collected on REGISTERED LETTERS, from Canada to

France.....	26c. per 1/2 oz.
Germany.....	13c. " 1/2 oz.
India.....	32c. " 1/2 oz.

MUSIC BOOKS

For the Piano, Cabinet Organ, Violin and Concertina.

STATIONERY,

For commercial and private correspondence in the new and fashionable styles and colors; school stationery, Copy Books, Pens, Ink, Slates, &c., &c.

JOHN HART, Stationer, &c.

MONEY ORDERS.

Every money order office in the Provinces of Quebec, Ontario, New Brunswick, Nova Scotia, Prince Edward Island, Manitoba and British Columbia issues money orders on every other money order office in these Provinces, as well as on every money order office in the United Kingdom. Every money order office in the United Kingdom also issues money orders on every money order office in these Provinces.

All the money order Post Offices are authorized to draw money orders on each other for any sum up to \$100, and for as many orders of \$100 each as the applicant may require, upon the following terms, viz.,

On Orders up to \$4.....	2 cents
“ “ \$10.....	5 “
“ over \$10 and up to \$20	10 “
“ over \$20 “ \$40.....	20 “
“ over \$40 “ \$60.....	30 “
“ over \$60 “ \$80.....	40 “
“ over \$80 “ \$100.....	50 “

MONEY ORDERS ON THE UNITED KINGDOM.

The money order offices throughout the Dominion also draw upon all the money order offices in England, Ireland and Scotland, and the Channel Islands, for any sum up to £10 sterling, and grant as many orders for £10 sterling each as may be needed to make up the amount to be remitted.

The terms are as under:

On Orders up to £2.....	25 cents.
“ over £2 and up to £5.....	50 “
“ over £5 “ £7.....	75 “
“ over £7 “ £10.....	\$1.00

MONEY ORDERS ON THE LOWER PROVINCES.

The money order offices in Canada draw also upon all money order offices in Newfoundland. Orders like those of the United Kingdom are made payable in sterling money, and for sums up to £10 sterling. The terms are:

For Orders up to £5, 25 cents.

“ over £5 and up to £10, 50 cents.

No half cents can be introduced into orders.

ORDERS ON BRITISH INDIA.—On Orders up to £2, 30 cts.; over £2, and up to £5, 60 cts.; over £5, and up to £7, 90 cts.; over £7, and up to £10, \$1.20.

ORDERS ON UNITED STATES.—On Orders up to \$20, 25 cts.; on Orders up to \$40, 50 cts.

No money order exceeding \$100 in amount can be granted in any office in Canada; but Postmasters are at liberty to grant two or more orders for \$100, or for any lesser sum. They cannot, however, grant two or more orders for sums of or under \$30 on the same day to the same applicant in favor of the same payee.

POST OFFICE SAVINGS BANK.

1. The direct security of the Dominion is given by the Statute for all deposits made in the Post Office Savings Banks.

2. Any person may have a deposit account, and may deposit nearly any number of dollars, from \$1 up to \$300, or more, with the permission of the Postmaster General.

3. Deposits may be made by married women, and deposits so made, or made by women who shall afterwards marry, will be repaid to any such women.

4. As respects children under ten years of age, money may be deposited—

FIRSTLY—By a parent or friend as Trustee for the child, in which case the deposits can be withdrawn by the Trustee until the child shall attain the age of ten years, after which time repayment will be made only on the joint receipts of both Trustee and child.

SECONDLY—In made until the ch

5. A depositor deposits at any o can withdraw mo For instance, if he make further dep Collingwood or t ient to him, whe place.

6. Each deposit Postmaster every paid in or withdr the same.

7. Each deposit and in addition to ment from the Post this acknowledgm of his deposit, he m careful to give his a satisfactory reply.

8. When a depo the Postmaster G amount, payable at named in his applic

9. Interest at the interest is added to

10. Postmasters a the amount of any :

11. No charge is for Pass Books, nor in relation to their

12. The Postmast cations, complaints, others, relative to P

13. A full stateme seen at the nearest I

These Acts impos not exceeding \$25, l not less than \$100, if ecutied in duplicate, in more than two par

Any interest paya The duty is to be pa notes, checks, and m for violation.

Deeds,
SPE

Magistrates' B
Ontario. Lists se

SECONDLY.—In the child's own name—and, if so deposited, repayment will not be made until the child shall attain the age of ten years.

5. A depositor in any of the Savings Bank Post Offices may continue his deposits at any other of such offices without notice or change of Pass Book, and can withdraw money at that Savings Bank Office which is most convenient to him. For instance, if he makes his first deposit at the Savings Bank at Cobourg, he may make further deposits at, or withdraw his money through, the Post Office bank at Collingwood or Quebec, Sarnia, Brockville, or any place which may be convenient to him, whether he continue to reside at Cobourg or remove to some other place.

6. Each depositor is supplied with a Pass Book, which is to be produced to the Postmaster every time the depositor pays in or withdraws money, and the sums paid in or withdrawn are entered therein by the Postmaster receiving or paying the same.

7. Each depositor's account is kept in the Postmaster General's Office, in Ottawa, and in addition to the Postmaster's receipt in the Pass Book, a direct acknowledgment from the Postmaster General for each sum paid in is sent to the depositor. If this acknowledgment does not reach the depositor within ten days from the date of his deposit, he must apply immediately to the Postmaster General, by letter, being careful to give his address and, if necessary, renew his application until he receives a satisfactory reply.

8. When a depositor wishes to withdraw money, he can do so by applying to the Postmaster General, who will send him by return mail a cheque for the amount, payable at whatever Savings Bank Post Office the depositor may have named in his application.

9. Interest at the rate of 4 per cent. per annum is allowed on deposits, and the interest is added to the principal on the 30th June in each year.

10. Postmasters are forbidden by law to disclose the name of a depositor, or the amount of any sum deposited or withdrawn.

11. No charge is made to depositors on paying in or drawing out money, nor for Pass Books, nor for postage on communications with the Postmaster General in relation to their deposits.

12. The Postmaster General is always ready to receive and attend to all applications, complaints, or other communications addressed to him by depositors or others, relative to Post Office Savings Bank business.

13. A full statement of the Regulations of the Post Office Savings Bank may be seen at the nearest Post Office.

THE STAMP ACTS.

These Acts impose a duty on every promissory note, draft, or bill of exchange, not exceeding \$25, 1 cent; not exceeding \$50, 2 cents; less than \$100, 3 cents; not less than \$100, if executed singly, 3 cents per \$100, or fraction thereof; if executed in duplicate, 2 cents per \$100, or fraction thereof on each part; if executed in more than two parts, 1 cent per \$100 or fraction thereof on each part.

Any interest payable with note at maturity must be counted as part thereof. The duty is to be paid by bill stamp on which the date is to be written. Bank notes, checks, and money orders are exempt. These Acts impose heavy penalties for violation.

Deeds, Mortgages Blanks, SPECIAL CONVEYANCE PAPERS,

AND

Magistrates' Blank Forms, as in use in Magistrate's Courts in Ontario. Lists sent free by Post.

JOHN HART, Law Stationer, PERTH, Ont.

Brunswick
dia issues
well as on
office in the
ce in these
rs on each
the appli-

all the
Islands,
ling each

offices in
vable in

to £5,
to \$40,
n Can-
or for
is of or
e.

posits
umber
naster
de by

ie de-
f ten
both

1878.

THE DIVISION COURTS FOR THE COUNTY COURT DISTRICT OF LANARK AND RENFREW,

For the year 1878, will be held as follows:

COUNTY OF LANARK.

FIRST DIVISION—COURT HOUSE, PERTH.—7th January, 8th March, 6th May, 3rd July, 6th September, 8th November.

SECOND DIVISION—TOWN HALL, LANARK VILLAGE.—10th January, 9th March, 8th May, 4th July, 7th September, 9th November.

THIRD DIVISION—TOWN HALL, CARLETON PLACE.—5th January, 6th March, 3rd May, 10th July, 4th September, 6th November.

FOURTH DIVISION—TOWN HALL, SMITH'S FALLS.—9th January, 7th March, 7th May, 11th July, 5th September, 7th November.

FIFTH DIVISION—TOWN HALL, PAKENHAM.—3rd January, 4th March, 1st May, 8th July, 2nd September, 4th November.

SIXTH DIVISION—COURT ROOM, ALMONTE.—4th January, 5th March, 2nd May, 9th July, 3rd September, 5th November.

NAMES AND ADDRESSES OF CLERKS.

1st Division.—Robert Jamieson, Perth; 2nd Division—Wm. Robertson, Lanark Village; 3rd Division—James Poole, Carleton Place; 4th Division—W. M. Keith, Smith's Falls; 5th Division—John Cowan, Pakenham; 6th Division—John Paterson, Almonte.

COUNTY OF RENFREW.

FIRST DIVISION—COURT HOUSE, PEMBROKE.—3rd January, 5th March, 13th May, 3rd July, 3rd September, 5th November.

SECOND DIVISION—TOWN HALL, BEACHBURG.—5th January, 6th March, 5th July, 4th September.

THIRD DIVISION—TOWN HALL, RENFREW.—14th January, 12th March, 15th May, 10th July, 10th September, 6th November.

FOURTH DIVISION—TOWN HALL, ARNPRIOR.—15th January, 14th March, 16th May, 11th July, 12th September, 7th November.

FIFTH DIVISION—SCHOOL HOUSE, DACRE.—16th January, 13th March, 12th July, 11th September.

SIXTH DIVISION—COURT ROOM, EGANVILLE.—17th January, 7th March, 16th July, 5th September.

SEVENTH DIVISION—TOWN HALL, COBDEN.—9th January, 11th March, 9th July, 9th September.

EIGHTH DIVISION—TOWN HALL, BRUDENELL.—18th January, 8th March, 6th September.

NAMES AND ADDRESSES OF CLERKS.

1st Division—Andrew Irving, Pembroke; 2nd Division—Thomas Thwaites, Beachburg; 3rd Division—George Eady, Jr., Renfrew; 4th Division—Geo. E. Neilson, Arnprior; 5th Division—James Spencely, Dacre; 6th Division—James Reeves, Eganville; 7th Division—Robert Allan, Cobden; 8th Division—John C. Gurney, Rockingham.

All the Courts open at 9 a. m., excepting the January Sittings, which will open at 10 a. m.

JNO. DEACON, Co. J.
W. S. SENKLER, Co. J.

Dated 1st September, 1877.

Certified, E. G. MALLOCH,

Clerk of the Peace, County of Lanark.

For limits of Division Courts in County of Lanark, see this Almanac for 1877.

E. G. Malloch,
Senkler, Master at
Charles Rice, I
Court, and Clerk
Joseph Jamieson
Treasurer; James
N. R.; D. Kellock,
Official Assignee
Dowdell, Almonte
Inspector of We
License Commiss
Inspector, Henry S
License Commis
well; Inspector J.

Rev. R. L. Steph
Rev. S. Mylne, Sr
Rev. Wm. Bain, I
Rev. F. McNab, B
Rev. J. J. Chisho

The County Town is the terminus of the line which connects it with the River at Sand Point, capital of the Dominion on the Upper Ottawa day.

Telegraph Communication to Brockville, to all pla

West Ward.
Duncan Kippen,
A. J. Matheson,
Edward Elliott,

COUNTY OF LANARK.

Judge.—William S. Senkler, Perth, P.O.

Sheriff.—James Thompson, Lanark, Perth, P.O.

E. G. Malloch, County Crown Attorney and Clerk of the Peace, Perth; W. S. Senkler, Master and Deputy Registrar in the Court of Chancery, Perth.

Charles Rice, Deputy Clerk of the Crown and Pleas, Registrar of Surrogate Court, and Clerk of the County Court, Perth.

Joseph Jamieson Warden; Thomas Brooke, County Clerk; W. W. Berford, Treasurer; James Bell, Perth, Registrar, S. R.; John Menzies, Almonte, Registrar N. R.; D. Kellock, Collector Inland Revenue, County of Lanark.

Official Assignees—W. H. Grant, Perth; A. W. Bell, Carleton Place; and James Dowdell, Almonte

Inspector of Weights and Measures.—James W. Manning, Almonte.

License Commissioners. S. R.—Thomas Cairns, Hugh Ryan and Richard Locke; Inspector, Henry Stafford, Perth P. O.

License Commissioners, N. R.—Joseph Jamieson, A. McArthur and Boyd Caldwell; Inspector J. W. Manning, Almonte P. O.

BOARD OF PUBLIC INSTRUCTION.

COUNTY OF LANARK.

H. Lloyd Slack, M. A., County Inspector.

EXAMINERS.

Rev. R. L. Stephenson, M. A., Perth, P.O.

Rev. S. Mylne, Smith's Falls, P.O.

Rev. Wm. Bain, D.D., Perth, P.O.

Rev. F. McNamee, B.A., Carleton Place, P.O.

Rev. J. J. Chisholm, D.D., Secretary, Perth, P.O.

PERTH.

POPULATION SUPPOSED TO BE OVER 3,000.

The County Town of the County of Lanark is situated on the River Tay, and is the terminus of the Perth branch of the Brockville and Ottawa Railway which connects it with the St. Lawrence at Brockville, distance 45 miles, and the Ottawa River at Sand Point, distance 60 miles; it is also connected with Ottawa, the capital of the Dominion, by the Canada Central Railway, and now with Pembroke, on the Upper Ottawa, between which places there are mails and trains twice a day.

Telegraph Communication is also direct with Ottawa City, Pembroke and, via Brockville, to all places East and West and South in the United States.

CORPORATION.

W. H. RADENHURST, MAYOR.

COUNCILLORS.

West Ward.
Duncan Kippen,
A. J. Matheson,
Edward Elliott,

Centre Ward.
William Butler,
H. B. Wright,
W. J. Dennison,

East Ward.
Robert Jamieson.
William McLeod.
G. A. Consitt.

Thomas Brooke, clerk; Henry Moorhouse, treasurer; John Gill, messenger; John Keays, chief constable; James Cameron, collector; John Trace, market clerk.

PERTH BOARD OF EDUCATION.

Rev. R. L. Stephenson, Chairman,
Henry Moorhouse, Treasurer. Charles Rice, Secretary.

Trustees Nominated by the Councils.

John A. MacLaren, James Allan, Rev. R. L. Stephenson,
Thomas Nichol, George Kerr, F. A. Hall.

Trustees Elective.

<i>West Ward.</i>	<i>Centre Ward.</i>	<i>East Ward.</i>
Robert Meighen, Charles Meighen.	Henry D. Shaw, Dr. J. Kellock.	Thomas Brooke, W. W. Berford.

The Board of Education have now completed their new High School Building, and are prepared to receive pupils from all parts of the country. The building is one of the finest in Ontario, and, with the extensive play-ground attached, affords the best High School accommodation in the Province. The rooms are large and thoroughly ventilated, and every attention has been given to the health requirements of the pupils.

The teaching staff is now very efficient, and has been highly complimented on its thoroughness and high position in the recent reports of the High school Inspectors.

Scholarships of Free Tuition will be given to all non-resident pupils who are successful in passing the Intermediate Examination, and special Prizes of Books will be given to the successful Resident Pupils who pass this examination.

The course is adapted both for those preparing themselves for Common School Teachers and for Matriculation in the University.

Teachers.

Frank Mitchell, B.A., Mathematics, Principal High School.
Peter Perry, B.A., Classics, " "
J. H. Stewart, English " "
John Raine, Principal Model and Public School, 7th department.
F. W. Allan, Teacher, " 6th "
Miss L. Du Plop, " " 5th "
Miss Andison, " " 4th "
Miss J. Forgie, " " 3rd "
Miss Thornton, " " 2nd "
Miss H. Holmes, " " 1st "

RATES FOR NON-RESIDENT PUPILS.

High School Department.....	per quarter	\$4.00
7th Department Public School.....	" "	3.00
6th " " ".....	" "	2.50
5th " " ".....	" "	2.00
4th " " ".....	" "	1.50
3rd " " ".....	" "	1.25
2nd & 1st " " ".....	" "	1.00

For conditions of Entry Fees, and all other information, apply to C. Rice, Esq., Secretary of the Board, Perth, P.O.

Almonte, last T
Arnprior, first T
Ashton, first T
Bonnochère Poi
Carleton Place,
Clayton, third T
Falbrook, last T
Ferguson's Fall
Franktown, sec
Hamlet (North
Lanark, second
Middleville, first
McDonald's Cor
Merrickville, fir
Morrow's Mills, 1
Pakenham, secon
Pembroke, secon
Perth, first Tues
Renfrew, first W
Roseville, s'cond
Ross, fourth Tue
Sand Point, first
Smith's Falls, sec
Tennyson, last T
Watson's Corners
The publis
Foregoing Fairs bei

V.

REMARKS.—It may
lection of Recipes,*)
well as everything to

In the next place,
remove any grease o
It is also an advanta
fore putting it into t
tion, it is nothing u
should always be use

As soon as the art
afterwards hung up t

It is also highly im
the absence of either
brought into contact
produced by using a t

The best dye stuffs
or cheaper qualities of

The best dyes are alw

*Dr. Chase's Book of R
receipt of 75 cents.

Game of all kinds,
putting finely pulveriz
game. Change the ch
fowl pure and sweet.

FAIRS, LANARK AND RENFREW, 1878.

Almonte, last Thursday in April and October.
 Arnprior, first Thursday in May and October.
 Ashton, first Thursday in March and October.
 Bonnechère Point, second Tuesday in April and October.
 Carleton Place, first Tuesday in April and November.
 Clayton, third Wednesday in April and second Wednesday in November.
 Falbrook, last Thursday in September.
 Ferguson's Falls, third Tuesday in May and October.
 Franktown, second Tuesday in May and September.
 Hamlet (North Burgess), first Monday in May and October.
 Lanark, second Tuesday in May and October.
 Middleville, first Thursday in May and October.
 McDonald's Corners, last Friday in September.
 Merrickville, first Thursday in September, October and November.
 Morrow's Mills, last Friday in April and September.
 Pakenham, second Tuesday in May and second Thursday in October.
 Pembroke, second Wednesday in March and third Wednesday in October.
 Perth, first Tuesday in May and October.
 Renfrew, first Wednesday in May and November.
 Roseville, second Thursday in May and September.
 Ross, fourth Tuesday in April and October.
 Sand Point, first Tuesday in May and October.
 Smith's Falls, second Friday in April and first Friday in October.
 Tenyson, last Thursday in September.
 Watson's Corners, first Friday in October.

~~See~~ The publishers will feel obliged by notices of alteration on any of the foregoing Fairs being transmitted them for correction in future publications.

VALUABLE RECIPES FOR COLOURING.

REMARKS.—It may be necessary to remark, (says Dr. Chase in his valuable collection of Recipes,*) and I do it here, once for all, that every article to be dyed, as well as everything to be used about dyeing, should be perfectly clean.

In the next place, the article to be dyed should be well scoured in soap, (to remove any grease or oil used in carding the wool,) and then the soap rinsed out. It is also an advantage to dip the article you wish to dye in warm water just before putting it into the alum or other preparation; for the neglect of this precaution, it is nothing uncommon to have the goods or yarn spotted. Soft water should always be used, and sufficient to cover the goods well.

As soon as the article is dyed it should be aired a little, then well rinsed, and afterwards hung up to dry.

It is also highly important in dyeing reds, to use a brass or copper boiler, or, in the absence of either, a good new tin boiler, as the acids used in colouring, if brought into contact with iron, will darken the reds, and often a dirty brown is produced by using a tin boiler with the tinning partly worn off.

The best dye stuffs should always be used, irrespective of price, as the common or cheaper qualities often disappoint the domestic dyer.

The best dyes are always to be had at the store of John Hart.

*Dr. Chase's Book of Receipts and valuable information for sale, and sent free by mail on receipt of 75 cents.

Game of all kinds, birds, rabbit, or deer, can be kept sweet a long time by putting finely pulverized charcoal in a thin muslin bag and placing it inside the game. Change the charcoal every day. It is excellent to keep any meat, fish or fowl pure and sweet. Wash clean before cooking.

\$4.00

3.00

2.50

2.00

1.50

1.25

1.00

3sq.

BLACK.—On wool, silk, or cotton.—For every pound of cloth it will require one ounce of extract of logwood, and half an ounce of blue vitriol. Prepare an iron kettle, with a sufficient quantity of water to admit the yarn or cloth to be worked in the dye without being crowded—bring the water to scalding heat—then put in the yarn or cloth a few minutes—when it is thoroughly wet take it out and drain it—in the next place add the blue vitriol, and then, when dissolved, and water skimmed carefully, put in the material to be coloured, and let it remain half an hour at a scalding heat, airing it occasionally—then take it out and rinse it in soft water—the vitriol water may now be emptied into a separate vessel, and the extract of logwood, dissolved in a sufficient quantity of water, brought to a scalding heat, and skimmed—put in the cloth, keeping the dye at the same temperature, and let it remain half an hour, airing it frequently—then take it out and drain it, add the vitriol water to the dye, and put it in again, and let it remain fifteen minutes, airing as before—cleans it well. This process is for a bluish shade, and for a reddish shade add a very small piece of copperas and cream of tartar.

Chip Logwood, and Extract of Logwood, Blue Stone, Copperas and everything required for Black, to be had at Hart's.

BLUE.—A splendid blue may be produced in an hour by the following process:—For each pound of wool or cloth take two and a half ounces of alum and one ounce and a half of cream of tartar. Boil these together in a brass or copper kettle for about an hour; now take sufficient warm water to cover the cloth or wool, and colour it to the shade you wish with the liquid blue; put the whole into the copper pot and boil in a short time, taking care to keep it stirred; remove the cloth, and rinse it in clean cold water and hang it up to dry. For a light blue, one ounce of the liquid blue, and more for a deeper shade, for each pound of wool.

The best and common qualities of Indigo, Liquid Blue, etc., always on hand and for sale at Hart's.

BROWN.—For each pound of wool take a quarter pound of alum and two ounces of cream of tartar, and boil for half an hour. Take half a pound of red wood, quarter pound fustic and two ounces of chip logwood, soak these a night in sufficient warm water to cover the wool; take the wool out of the alum water, and boil with the woods for about half an hour. If a dark brown is wanted, add a very small piece of copperas.

GREEN.—For every pound of yarn or cloth add three and a half ounces of alum and one pound of fustic, steep to get the strength, but not boil; soak the cloth until it acquires a good yellow colour, then throw out the chips and add the indigo compound slowly, until you have the desired shade of green.

An ounce or more of the compound is required for the above quantity, varied according to the depth of shade.

LILAC COLOUR.—This colour is made by boiling the cloth or wool for a short time in cudbear.

Fustic, Indigo Compound, and all Dyes for Brown, Green and Lilac to be had, of reliable qualities, only at Hart's.

KEEPING POULTRY IN LARGE NUMBERS.—Keeping poultry, as a business to support a family, has often been tried in the United States and England, but with very poor success. The difficulty seems to be that the fowls, when kept in large numbers, are much more subject to diseases, and to become infested with vermin. That is the experience of all persons who have kept fowls extensively. Besides these difficulties a large number of fowls cannot be made to extend their foraging over a sufficiently extended surface of land, 20 to 30 rods from their house being about as far as they can be made to roam; and 1,000 or more would soon exhaust their locality of all bugs and worms upon it, eat every spear of grass, and begin to sicken and fall off in laying egg. If fowls could be kept in lots of about 100 each, 40 rods apart, there might be enough kept on a farm to support the owner, as the profit would average about one dollar per fowl.

MADDER RED.—Take cloth; soak the madder enough to cover the madder compound set your yarn or cloth—now place the cloth which will take above wanted, and longer in the dye. When th and it will then be finished. Another good madder yarn or cloth, take of cream of tartar; with water, and boil keep them in two or good heat; when th all the kettle with frut in the madder (w get it thoroughly mix airing frequently, and take out the stuff and

The best Dutch Madder, Alum to be

MAGENTA.—Take for sufficient quantity of be you wish to colour; th flour is made, take it ously dissolved in a s

LIQUID MAGENTA—Piss:—about one ounce our the liquid into sc airing frequently un ater. A brilliant scarlet i nner.

Cudbear of the first a liquid Scarlet, always i

PINK—For every three ater, or enough to cov and half an ounce of c ours, or until the stre en wet the cloth in cle scalding heat—let it re colour is wanted, use le on the quantity of coc

A cheaper, yet h r madder, in the recipe

SCARLET.—(Very super ar, and four ounces o bag into blood-warm w at in the cream of tart must be wet with clean ry your yarn before you

Memory is strengthened
"I rise for information,
and to hear it," said a bys

MADDER RED.—Take one pound of madder, for every two pounds of yarn or cloth; soak the madder in a brass or copper kettle one night in warm water, enough to cover the yarn you wish to colour; next morning put in two ounces of madder compound for every pound of madder which you have soaked, then wet your yarn or cloth and wring it out in clean water—afterwards put it in the dye—now place the kettle over the fire, and bring it slowly to a scalding heat, which will take above half an hour, keep it at this heat half an hour if light red is wanted, and longer if a dark one, the colour depending upon the time it remains in the dye. When the colour is made, rinse the cloth immediately in cold water, and it will then be finished.

Another good **MADDER RED** may be thus obtained:—For every two pounds of yarn or cloth, take one pound of madder, one half pound of alum, and two ounces of cream of tartar; take a brass, copper, or a *new tin* kettle well cleaned, fill it with water, and boil it and put in the alum, cream of tartar and the yarn or cloth; keep them in two or three hours, stirring frequently; keep the liquid at about a good heat; when this is done, take out the yarn or cloth, and throw out the liquid. Fill the kettle with fresh water, heat it as warm as one could bear his hand in it, put in the madder (which should be soaked the night before,) stir it well so as to get it thoroughly mixed; then put in the yarn or cloth, let it remain one hour, stirring frequently, and keeping the madder hand-warm all the time—after this take out the stuff and dry for use.

The best Dutch Madder, and best only, should be used. Madder Compound, Cream of Tartar, and Alum to be had only, at Hart's.

MAGENTA.—Take four ounces of cudbear to every pound of wool or silk; pour a sufficient quantity of boiling water upon the cudbear, enough to cover the article you wish to colour; then put in your wool or silk, airing it frequently. When the colour is made, take it out of the dye and dip it into a solution of salts tartar, previously dissolved in a separate vessel.

LIQUID MAGENTA.—Produces a brilliant crimson by the following simple process:—about one ounce of the liquid is sufficient for a pound of wool or yarn,—pour the liquid into scalding water in an earthen vessel, and dip your goods into it, airing frequently until deep enough in the colour. Dry and wash in clean soft water.

A brilliant scarlet may be produced by using Liquid Scarlet in the same manner.

Cudbear of the first and second qualities, Salts of Tartar, Liquid Magenta and Liquid Scarlet, always in stock at Hart's.

PINK.—For every three pounds of yarn or cloth take three and a half quarts of water, or enough to cover the articles you wish to colour, two ounces of cochineal and half an ounce of cream of tartar; steep the cochineal in warm water two hours, or until the strength is entirely extracted, and add the cream of tartar—then wet the cloth in clear water—wring it out, and put it in the dye—bring it to scalding heat—let it remain a few moments and it will be finished. If a lighter colour is wanted, use less cochineal; if a darker one, more, the shade depending upon the quantity of cochineal used.

A cheaper, yet handsome pink, may be obtained by substituting nickwood for madder, in the recipe for madder red.

SCARLET.—(Very superior.)—Three ounces of cochineal, three ounces of cream of tartar, and four ounces of solution of tin; powder the cochineal, and rub through a bag into blood-warm water sufficient to cover the yarn; when it is a little warm put in the cream of tartar, and simmer, then add the solution of tin—your yarn must be wet with clean water—steep in the dye till the yarn is properly dyed. Dry your yarn before you wash it. This will colour three pounds.

Memory is strengthened by exercise, and life by remembrances.

"I rise for information," said a member of a legislative body. "I am glad, very glad to hear it," said a bystander, "for no man wants it more."

BANKS IN THE PROVINCE OF QUEBEC AND MANITOBA.

(For list of Banks in Ontario, see Almanac for 1877.)

QUEBEC.

Place.	Name of Bank.	Manager or Agent.
St. John's	Merchants' Bank of Canada	Norbert Roy.
St. John's	Exchange Bank of Canada	T. L. Rogers.
St. John's	La Banque Nationale	John Meagher.
St. John's	Eastern Townships Bank	B. Austin.
St. John's	Metropolitan Bank	A. W. Hart.
St. John's	Eastern Townships Bank	J. McKinnon.
St. John's	Stadacona Bank	James Rafferty.
St. John's	La Banque Nationale	J. Le Boutillier & Co.
St. John's	La Banque Nationale	John Le Boutillier.
St. John's	Exchange Bank of Canada	
St. John's	Merchants' Bank of Canada	I. Wells.
St. John's	Bank of British North America	R. R. Grindley Gen'l. M'g.
St. John's	Bank of Montreal	{ R. B. Angus, Gen'l. M'g. W. J. Buchanan, L. M'r.
St. John's	Bank of Toronto	J. M. Smith.
St. John's	Banque d'Hochelega	Jean Salem Paquet.
St. John's	Banque Jacques Cartier	— Martinay.
St. John's	Banque Ville Marie	Pierre Aimé Fautoux.
St. John's	Canadian Bank of Commerce	W. Simpson.
St. John's	Consolidated Bank of Canada	J. B. Reany, Gen'l. Man.
St. John's	Exchange Bank of Canada	C. R. Murray, Cash.
St. John's	La Banque du Peuple	A. A. Trotter, Cash.
St. John's	La Banque Nationale	I. B. Sancier.
St. John's	Mechanics' Bank	A. Menzies.
St. John's	Merchants' Bank of Canada	{ Geo. Hague, Gen'l. Man. W. W. L. Chipman, Local Manager.
St. John's	Ontario Bank	C. Holland.
St. John's	Quebec Bank	Thos. McDougall.
St. John's	The Molsons Bank	F. W. Thomas, Cash.
St. John's	Union Bank of Lower Canada	F. Nash.
St. John's	Bank of British North America	C. F. Smith.
St. John's	Bank of Montreal	J. Porteous.
St. John's	La Banque Nationale	François Vézina, Cash.
St. John's	Quebec Bank	Jas. Stevenson, Cash.
St. John's	Stadacona Bank	W. R. Dean, Cash.
St. John's	Union Bank of Lower Canada	P. McEwen, Cash.
St. John's	Eastern Townships Bank	A. J. Cleveland.
St. John's	Banque Ville Marie	C. N. Paquin, Cash.
St. John's	La Banque St. Hyacinthe	R. St. Jacques.
St. John's	Banque St. Jean	
St. John's	Merchants' Bank of Canada	W. L. Marler.
St. John's	Consolidated Bank of Canada	William Addie.
St. John's	Eastern Townships Bank	W. Farwell, Cash.
St. John's	La Banque Nationale	P. LaFrance.
St. John's	Merchants' Bank of Canada	A. A. Taillon.
St. John's	The Molsons Bank	H. C. Brewer.
St. John's	Eastern Townships Bank	A. P. Ball.
St. John's	La Banque Nationale	Union B'k of Lower Can.
St. John's	Quebec Bank	F. G. Witherspoon.
St. John's	Union Bank of Lower Canada	C. A. Boxer.
St. John's	Exchange Bank of Canada	D. B. Pease.
St. John's	Eastern Townships Bank	W. I. Briggs.
St. John's	Banque de St. Jean	Ph. Baudouin.
St. John's	Consolidated Bank of Canada	

MANITOBA.

Winnipeg	Merchants' Bank of Canada	D. Macarthur.
	Ontario Bank	George Brown.
	Bank of Montreal	

Scho

Never mind any other dowry if you have industry and economy.
 The day of judgment is always nearer the day of promise than it seems.
 The rays of happiness, like those of light, are colorless when unbroken.

EAR

WHITE LEAD.

There is in this paint a great difference in qualities, more so than in any other paint, and our aim has been to secure and offer to our customers the best value for their money, by keeping only qualities which we can guarantee as UNIFORM and be depended upon at all times for STANDING and price.

This we are now able to do, as we have it made for our trade, and we unhesitatingly offer our

"IMPERIAL GENUINE" and "IMPERIAL"

WHITE LEADS as the best value in the market, and recommend them to all about to paint.

These names and qualities we have secured to us by "Letters Patent," and it is to our interest to KEEP the qualities as represented.

PAINTS AND OILS.

In this department our stock is always replete with the very best qualities of colors, dry and in oil, various makers; Linseed oils, boiled and raw; Turpentine, Varnishes and Japans. Our long experience in this branch of our business enables us to advise our customers as to colors and mixtures at all times to their advantage.

Mineral Paints

In various shades of Drabs and Browns. The manufacture of this class of colors from our native minerals is a new branch of Canadian industry, from these are produced many of those beautiful tints used in painting Villas and Cottages. In mixtures with White Lead a cheap and durable paint is made.

WINDOW GLASS.

All sizes from 7½ x 8½ to 32 x 42; larger sizes supplied all order in various qualities.

Paints for Floors, &c, mixed to order at the shortest notice.

John Hart,

GORE STREET, PERTH.

Y

Borde

IN EVER

From ENC

AT ALL PRI

BLA

OF EVERY DE

THE P:

Still keeps its rep

GARDEN and

Timothy and Clover
Flower and Vegetab
Send money in a reg

C

In any quantity, by
Canadian refiners.

For the Table or Hand
improvements of Burner
Wicks, &c.

WALL PAPERS,

Borderings and Window Shades,

New Patterns

IN EVERY VARIETY OF SHADE AND COLOUR.

We are continuously adding to our stock by

DIRECT SHIPMENTS

*From ENGLAND, the UNITED STATES and
CANADIAN Manufacturers,*

AT ALL PRICES, FROM SIX CENTS PER ROLL UPWARDS,

At the PERTH BOOK STORE,

JOHN HART.

BLANK ACCOUNT BOOKS

OF EVERY DESCRIPTION KEPT CONSTANTLY IN STOCK BY

JOHN HART, Stationer.

THE PERTH SEED STORE

Still keeps its reputation for Seeds of the most reliable qualities, and for
the best assorted and largest stock of

GARDEN and AGRICULTURAL SEEDS in the County!

Timothy and Clover Seeds bought and sold in quantities, on small margins.
Flower and Vegetable Seeds sent free by Post.
Send money in a registered letter, with orders.

JOHN HART.

COAL OILS

In any quantity, by the gallon or barrel, wholesale and retail, from the best
Canadian refiners.

LAMPS,

For the Table or Hanging, for Parlors, Halls, Offices, &c., with all the newest
improvements of Burner and Shades. Lamp Burners, Chimneys, Globes, Brackets,
Wicks, &c.

JOHN HART.

FANCY GOODS.

A splendid Stock of the most

FASHIONABLE & RECHERCHE FANCY GOODS.

Mantel and Table Ornaments,

*WORK BOXES, WRITING DESKS, DRESSING CASES,
TOILET SETS, VASES, BOUQUET
HOLDERS, &c., &c.*

Silver Electro-Plate in fine Cruets, Cake Baskets in the latest patterns on Stands.

Card Receivers, Dessert Sets, Toast Racks, Sugar Bowls, Revolving Butter Coolers, Napkin Rings, Salt Dishes, Knife Rests, Children's Mugs, and a large variety of plated ware in other articles, both useful and ornamental.

Always on hand the finest stock of

Nickelite and Electro-plated

*FORKS SPOONS, PICKLE FORKS, BUTTER KNIVES,
SUGAR SIFTERS, SPADES AND TONGS,
NUT CRACKERS, CAKE AND
FISH CARVERS.*

TABLE & DESSERT KNIVES,

WITH FINE IVORY HANDLES AND PLATED BLADES.

John Hart,

Importer of Fancy Goods.

PERTH, Ont.

Sheet Music always on hand or supplied to order.
Magazines and Periodicals constantly on hand.

[1878.

GOODS,

ENTS,

CASES,

the latest

views, Re-
ports, Rests,
and other

IVES,

ES,

S,

r.