



JOHN HART, PERTH.

TWENTIETH YEAR OF PUBLICATION.

HART'S
CANADIAN ALMANAC

AND

REPOSITORY OF USEFUL INFORMATION

AND

**DIVISION COURT DIRECTORY FOR THE CO.
OF LANARK,**

FOR THE YEAR OF OUR LORD

1876.

Being Bissextile or Leap Year, and until the 20th June the thirtieth year of the Reign of Her Majesty Queen Victoria.

ASTRONOMICAL CALCULATIONS.

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, but arranged so as to serve without essential variation for the vicinity of Perth, which is in Latitude $44^{\circ} 44'$, Longitude 77° west.

PUBLISHED BY JOHN HART.

AT THE BOOK AND STATIONERY STORE, GORE STREET,

PERTH, Ontario.

JOHN HART, PERTH.

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

Agent for LOVELL'S and the "NEW SERIES" OF SCHOOL BOOKS.

EXPLANATION OF CALENDAR PAGES.

The Publisher of this Almanac, with a view to increase its circulation and usefulness, has adapted its calculations for the whole country. The Moon's changes are given for five different places, viz : Quebec, Montreal, Perth, Toronto, and London. The rising and setting of the Sun are given for Montreal and Toronto. The rising and setting of the Moon are given with sufficient exactness for all practical purposes. The weather prognostications are again calculated according to the table of the celebrated Dr. Herschel ; and for extraordinary accuracy this Almanac retains its wonderful popularity.

HERSCHEL'S WEATHER TABLE.

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

	In Summer.	In Winter.
If the new Moon, the first quarter, the full Moon, or the last quarter happens.		
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, in 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.....	Fair and frosty.

Observations—The nearest the 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 10 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 as the afternoon hours, i.e., from four to 10, may be followed by fair weather ; but this is most dependent on the wind, as is noted in the table.

BANK HOLIDAYS IN ONTARIO.

Sundays, Christmas Day, New Year's Day, Good Friday, The Queen's Birth Day, and each day appointed by Royal Proclamation as a general fast or thanksgiving day.

JOHN HART sells every requisite for the School Room and Office.

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Aries, the ram, Head and Face.

Gemini, Arms.

Taurus, Neck.

Leo, Heart.

Cancer, Breast.

Libra, Reins.

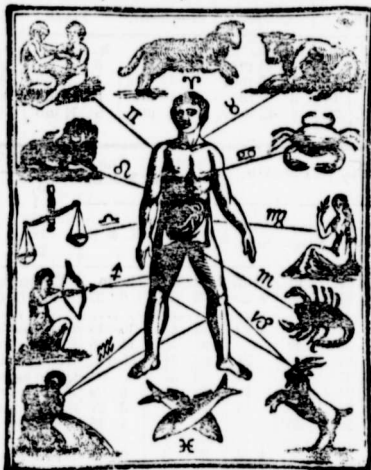
Virgo, Bowels.

Sagittarius, Thighs.

Scorpio, Secrets.

Aquarius, Legs.

Capricornus, Knees.



Pisces, Feet.

ECLIPSES DURING THE YEAR 1876.

There will be four Eclipses, two of the Sun and two of the Moon.

I.—On the 10th of March, there will be a Partial Eclipse of the Moon. It will begin about midnight of the 9th, and continue for two hours.

II.—On the 25th March, there will be an Annular Eclipse of the Sun. Two and a-half digits will be eclipsed. It will begin 10 minutes past 12, will be central beginning at 20 minutes past 1, and ending at 12 minutes past 4; the Eclipse ends at 22 minutes past 5. Visible at Montreal about 30 minutes past 3 p.m.

III.—On the third of September there will be a Partial Eclipse of the Moon, not visible in these parts.

IV.—On the 17th of September, there will be a Total Eclipse of the Sun, but it will not be visible in Canada.

EQUINOXES AND SOLSTICES.

		d.	h.	m.
Vernal Equinox begins.....	March	20	1	2 mo.
Summer Solstice "	June	20	9	23 ev.
Autumnal Equinox "	September	22	11	33 mo.
Winter Solstice "	December	21	5	46 mo.

THE ADVENT OF A STAR.

On the night of the 12th of May, 1866, a star of between the first and second magnitude, suddenly made its appearance in the constellation Corona Borealis. It began from its first appearance to diminish in brightness, so that on the 16th of May it was only of the fourth magnitude, and at the end of the month it became a star of the ninth magnitude. The astronomer Huygens has advanced the hypothesis that this star had previously existed in the place where it was first seen, and that it became visible in consequence of some internal convulsion. Messrs. Meyer and Klein, on the other hand, have maintained that the sudden blazing out of the star, may have been occasioned by the precipitation of a planet upon a fixed star. But the most extraordinary fact remains to be stated. It took three years for the light of this new-found star to reach us; so that the sudden outblaze mentioned above really took place before the spectrum analysis, to which we are indebted for an examination of this light, had come into the service of astronomers.

Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
First Quarter.....	D. 4	h. 10	m. 24 mo.	h. 10	m. 18 mo.	h. 0	m. 6 mo.	h. 9	m. 54 mo.	h. 9	m. 46 mo.
Full Moon.....	11	1 23	mo.	1 17	mo.	1 5	mo.	0 53	mo.	9 45	mo.
Last Quarter.....	18	3 49	mo.	3 43	mo.	3 31	mo.	3 19	mo.	3 11	mo.
New Moon.....	26	8 42	mo.	8 36	mo.	8 24	mo.	8 12	mo.	8 4	mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m. s.
M Week.					South.	R. & S.	19	12	03 58
							8	12	07 31
							25	12	10 48
								12	12 41

1	Sat.	h m.		h m.		Deg. Min.	h. m.	Calendar Aspects, &c.		
		7 47	4 21	7 40	4 28			22 58	8 35	A bright cold day.
2	S.	7 47	4 22	7 40	4 29	22 55	10 40	2nd Sunday after Christmas		
3	Mon.	47	23	40	30	22 48	11 46	Pleasant but seasonable.		
4	Tues.	46	24	39	31	22 41	Morn.	Not stormy this day.		
5	Wed.	46	25	39	32	22 35	0 56	Quite agreeable and still.		
6	Thu.	46	26	39	33	22 27	2 9	Epiphany.		
7	Fri.	45	28	39	34	22 20	3 27	Soft and mild.		
8	Sat.	45	29	38	35	22 12	4 48	Tendency to change.		
9	S.	7 44	4 30	7 38	4 36	22 8	6 5	1st Sunday after Epiphany.		
10	Mon.	44	31	38	37	21 54	7 12	The weather unreliable.		
11	Tues.	43	32	38	38	21 45	8 7	Still very variable with tendency to cold and snow.		
12	Wed.	42	33	37	40	21 35	Rises.	Severe frosty weather; continued severity.		
13	Thu.	42	34	37	41	21 25	7 59	Cold and bright.		
14	Fri.	40	35	37	42	21 14	9 10			
15	Sat.	40	37	36	43	21 03	10 19			
16	S.	7 39	4 38	7 36	4 44	20 52	11 24	2nd Sunday after Epiphany.		
17	Mon.	39	39	35	45	20 40	Morn.	Tendency to thaw but of very brief duration.		
18	Tues.	38	41	35	46	20 28	0 29	Snowstorm East.		
19	Wed.	37	42	34	48	20 15	1 32	Drizly and damp west.		
20	Thu.	36	43	33	49	20 02	2 36	Cloudy and dull.		
21	Fri.	35	45	32	50	19 49	3 39	Unpleasant outdoors.		
22	Sat.	34	46	31	52	19 36	4 40			
23	S.	7 32	4 47	7 31	4 53	19 21	5 36	3rd Sunday after Epiphany.		
24	Mon.	32	49	30	54	19 07	6 25	Snow or cold rain.		
25	Tues.	32	51	29	56	18 52	7 7	Conversion of St. Paul.		
26	Wed.	32	52	28	57	18 37	7 42	Very cold and windy.		
27	Thu.	31	53	26	58	18 22	Sets.	Stormy days about now.		
28	Fri.	31	54	25	5 00	18 6	7 27	No change looked for this week.		
29	Sat.	31	56	25	1	17 50	8 38			
30	S.	7 30	4 58	7 25	5 3	17 33	9 40	4th Sunday after Epiphany.		
31	Mon.	29	5 00	24	5	17 17	10 47	Month ends quiet and cold.		

Use JOHN HART'S Plain and Headline Copy Books.

JANUARY.—Agricultural readers of the daily press will have noticed a discussion respecting great and shameful frauds charged against pedlars and dealers in various kinds of fruit trees. Rare and hitherto unknown specimens of pears, plums and apples have been ostentatiously and vigorously advertised and personally canvassed for. We mention it here, not to recommend one thing rather than another, but to suggest to all needing fruit trees, or who propose to lay out orchards, that they should deal only with well-known, trustworthy and experienced houses. Of these there are many, and with a little care and enquiry, there is not much danger of the farmer becoming the victim of pretension and humbug.

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Moon's Phases.	Quebec.	Montreal.	Perth.	Toronto.	London.
First Quarter.....	D 2 h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	9 8 53 ev.	8 47 ev.	8 35 ev.	8 23 ev.	8 15 ev.
Last Quarter.....	16 0 47 ev.	0 41 ev.	0 29 ev.	0 17 ev.	0 9 ev.
New Moon.....	25 11 56 ev.	11 50 ev.	11 38 ev.	11 26 ev.	11 18 ev.
	25 1 20 mo.	1 14 mo.	1 2 mo.	0 50 mo.	0 42 mo.

Country Merchants will find every description of Paper Goods at JOHN HART'S.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	R. & S.	
1	Tues.	7 28	5 01	7 23	5 5	17 15	11 57	1	12 18 54	11 57	Month opens with severity.
2	Wed.	27	1	22	6	17 17	Morn.	9	12 14 28	11 57	Purification of <i>Virgin Mary</i>
3	Thu.	26	2	21	7	16 42	1 12	18	12 14 09	11 57	Somewhat moderated.
4	Fri.	25	3	20	8	16 25	2 29	25	12 18 15	11 57	Very blustry and cold.
5	Sat.	23	5	19	9	16 07	3 45			11 57	Winds and storms.
6	S.	7 22	5 6	7 17	5 11	15 49	4 55			11 57	5th Sunday after Epiphany.
7	Mon.	20	8	16	12	15 30	5 53			11 57	More steady but cold.
8	Tues.	19	9	15	13	15 11	6 40			11 57	Considerable falls of snow with wind.
9	Wed.	18	11	14	15	14 52	7 15			11 57	Changeable, but still remains cold.
10	Thu.	17	13	13	17	14 33	Rises.			11 57	Very sharp frost.
11	Fri.	16	14	12	18	14 14	7 57			11 57	
12	Sat.	14	16	11	19	13 54	9 5			11 57	
13	S.	7 13	5 17	7 9	5 20	13 34	10 12			11 57	Septuagesima Sunday.
14	Mon.	11	18	7	22	13 14	11 18			11 57	ST. VALENTINE'S DAY.
15	Tues.	9	19	6	23	12 53	Morn.			11 57	Busy at the Post Office.
16	Wed.	8	20	4	24	12 33	0 25			11 57	The weather unpleasant.
17	Thu.	6	22	2	26	12 12	1 27			11 57	Remains severely cold.
18	Fri.	4	24	1	27	11 51	2 30			11 57	A violent tempest on the Atlantic coast.
19	Sat.	3	25	6 59	29	11 30	2 28			11 57	
20	S.	7 01	5 27	6 58	5 30	11 4	4 20			11 57	Sexagesima Sunday.
21	Mon.	7 00	28	57	31	10 47	5 5			11 57	Calm, cold and snow.
22	Tues.	6 59	30	55	33	10 25	5 41			11 57	Cloudy and cold for several days.
23	Wed.	57	31	54	34	10 04	6 12			11 57	
24	Thu.	55	33	52	35	9 42	6 30			11 57	ST. MATTHIAS.
25	Fri.	53	34	50	37	9 19	7 2			11 57	The tendencies are for more snow and wind.
26	Sat.	51	35	48	38	8 57	Sets.			11 57	
27	S.	6 49	5 37	6 47	5 39	8 35	8 39			11 57	Quinquagesima Sunday.
28	Mon.	47	39	45	41	8 12	9 49			11 57	Thermometer at zero.
29	Tues.	46	39	43	42	7 50	11 4			11 57	SHROVE TUESDAY.

FEBRUARY.—Respecting what was said in the foot note for January, it may be added that Horticultural Societies have done much in this country to prevent imposition. The exhibitions of fruits of many different kinds, have assisted in proper classifications and definitions. They have raised the standard of culture and awakened a spirit of research. Fruit not true to its name is removed from the list, or disqualified for prize. At the present time it is much more certain than formerly that in a well established nursery you may rely on purchasing trees true to the description, and to the buyer's taste and wishes. Canada has advanced in this as in many other things. Our horticultural exhibitions are becoming the envy of our older neighbours.

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MEMORANDUM FOR FEBRUARY.

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Prothotera minus, L.S.

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Grand Dampier (W.) & *Korona* (W.) *Hyacinth* in full bloom

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Sea by daylight:

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Hyacinth like *Dischidia* (W.) in full bloom

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Moon's Phases.	Quebec.	Montreal.	Perth.	Toronto.	London.
First Quarter	D. 3	h. m. 4 48 mo.	h. m. 4 42 mo.	h. m. 4 30 mo.	h. m. 4 18 mo.
Last Quarter.....	10	1 12 mo.	1 6 mo.	0 54 mo.	0 42 mo.
Full Moon.....	17	8 24 ev.	8 18 ev.	8 6 ev.	7 54 ev.
New Moon.....	25	3 12 ev.	3 6 ev.	2 54 ev.	2 42 ev.

MILLER'S Sansum's Interest and Exchange Tables at HART'S.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	p.	h. m. s.	
					Deg. Min.	h. m.			
1 Wed.	6 44	5 42	6 42	5 44	7 27	0 19	1	12 12 30	
2 Thur.	42	43	41	45	7 4	1 34	9	12 10 39	
3 Fri.	40	44	39	46	6 41	2 45	18	12 8 8	
4 Sat.	39	45	37	47	6 18	3 46	25	12 6 1	
5 S.	6 37	5 47	6 35	5 49	5 55	4 34	Calendar, Aspects, &c.		
6 Mon.	36	48	34	49	5 31	5 14	ASH WEDNESDAY.		
7 Tues.	34	49	32	50	5 8	5 44	1st Mar., ST. DAVID'S DAY		
8 Wed.	31	51	31	51	4 45	6 10	Changeable, with wind.		
9 Thu.	29	53	29	53	4 21	6 32	Snow East, rain; West.		
10 Fri.	27	54	27	55	3 58	Rises.	Quadragesima Sunday.		
11 Sat.	25	55	25	56	3 34	7 53	Exceedingly dull.		
12 S.	6 24	5 56	6 23	5 57	3 11	8 57	Remains cold and frosty.		
13 Mon.	22	58	22	58	2 47	10 7	Rising thermometer.		
14 Tues.	20	59	20	59	2 23	11 12	Cloudy and unpleasant.		
15 Wed.	18	6 1	18	6 1	2 00	Morn.	The week ends with chilly and strong winds.		
16 Thu.	16	2	16	2	1 36	0 16	2nd Sunday in Lent.		
17 Fri.	14	3	15	3	1 12	1 18	A pleasant day for March.		
18 Sat.	12	4	12	4	0 49	2 12	Continues pleasant.		
19 S.	6 10	6 6	6 10	6 6	0 25	3 0	Severe fro t this night.		
20 Mon.	9	7	9	7	0 8	3 38	To-day is also cold.		
21 Tues.	7	8	6	8	N. 21	4 18	ST. PATRICKS DAY.		
22 Wed.	5	9	5	9	0 45	4 39	Cold rains in Ontario.		
23 Thu.	3	11	3	11	1 09	5 4	3rd Sunday in Lent.		
24 Fri.	1	12	1	12	1 32	5 26	Very variable weather.		
25 Sat.	5 59	13	6 00	13	1 56	Sets.	Change of wind brings tendency to thaw.		
26 S.	5 57	6 15	5 58	6 14	2 22	7 35	Rain but cold, and the nights are yet severely cold.		
27 Mon.	55	16	56	16	2 43	7 49	4th Sunday in Lent.		
28 Tues.	53	17	54	16	3 06	10 6	There are indications of change, but as yet the weather is cold, and the month ends with wind and rain.		
29 Wed.	52	18	53	17	3 30	11 23			
30 Thu.	50	20	51	19	3 53	Morn.			
31 Fri.	47	21	49	20	4 16	0 38			

MARCH.—After so many years of experiment it may seem strange that there would yet be a doubt as to the best soil for growing potatoes. For years the largest portion of potatoes designed for the market was grown on sandy soil. The City housekeeper rejected such as were produced on heavy lands. It is now known that these same lands have produced the very best and driest of potatoes. There is a quality called the peerless which, grown on sand, is poor and watery, but on a rich loam becomes large and mealy. For Early Rose the soil cannot well be too rich. The Peach Blow and Late Rose may be too heavily manured. Experience demonstrates that naturally or artificially drained heavy loams is the very best soil for potatoes.

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MEMORANDUM FOR MARCH.

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- 11 5' below zero
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Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
First Quarter.....	1	11 12 mo.	11 6 mo.	10 54 mo.	10 42 mo.	10 34 mo.
Full Moon.....	8	2 39 ev.	2 33 ev.	2 21 ev.	2 9 ev.	2 1 ev.
Last Quarter.....	16	8 37 ev.	8 31 ev.	8 19 ev.	8 7 ev.	2 59 ev.
New Moon.....	24	2 8 mo.	1 57 mo.	1 45 mo.	1 33 mo.	1 25 mo.
First Quarter.....	30	5 27 ev.	5 21 ev.	5 9 ev.	4 57 ev.	4 49 ev.

Wall Papers done up in assorted Encls to suit small dealers at JOHN HART'S.

M	Week.	Montreal.		Toronto.		Sun's Declinat. North.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h.	m. s.	
		h. m.	h. m.	h. m.	h. m.			Deg. Mtn.	h. m.		
1	Sat.	5 46	6 22	5 47	6 21	4 39	1 30				ALL FOOLS' DAY, so-called.
2	S.	5 44	6 23	5 46	6 22	5 03	2 34				5th Sunday in Lent.
3	Mon.	42	24	44	23	5 25	8 15				There has been considerable thaw and some rains; but there were very frosty nights. A real change, with spring-like temperature. Cool—clear—fine.
4	Tues.	41	25	42	24	5 48	8 47				
5	Wed.	39	27	40	26	6 11	4 13				
6	Thur.	37	29	38	27	6 34	4 36				
7	Fri.	35	30	36	28	6 56	4 57				
8	Sat.	33	31	35	29	7 19	Rises.				
9	S.	5 32	6 32	5 33	6 31	7 41	7 49				PALM SUNDAY.
10	Mon.	30	33	31	32	8 03	8 57				Variable season.
11	Tues.	28	34	30	33	8 25	10 2				Cold rains in Ontario.
12	Wed.	26	36	28	34	8 47	11 4				Snow fell East, and there is chilly wind.
13	Thur.	24	37	26	35	9 09	Morn.				
14	Fri.	22	38	24	36	9 31	0 8				GOOD FRIDAY.
15	Sat.	20	40	23	37	9 52	0 52				Easter Eve.
16	S.	5 18	6 42	5 21	6 39	10 14	1 45				EASTER DAY.
17	Mon.	17	43	19	40	10 36	2 10				Easter Monday.
18	Tues.	15	44	17	41	10 58	2 40				Easter Tuesday.
19	Wed.	13	45	16	41	11 16	3 4				A very pleasant and quite warm week.
20	Thur.	11	47	14	42	11 37	3 27				Prospect of weather welcomed by farmers.
21	Fri.	10	48	13	44	11 57	3 49				
22	Sat.	8	49	11	45	12 18	4 11				
23	S.	5 6	6 50	5 9	6 46	12 38	4 34				1st Sunday after Easter.
24	Mon.	5	51	8	47	12 57	Sets.				23rd. ST. GEORGE'S DAY.
25	Tues.	3	53	7	48	13 17	9 4				Cold and windy.
26	Wed.	2	54	5	49	13 36	10 23				25th. ST. MARK'S DAY.
27	Thur.	5 00	56	4	51	13 56	11 33				Unsettled, but on the whole quite seasonable.
28	Fri.	4 58	57	2	52	14 14	Morn.				
29	Sat.	56	58	5 00	53	14 33	0 30				A cool yet fine day.
30	S.	4 55	6 59	5 00	6 54	14 52	1 16				2nd Sunday after Easter.

APRIL.—For the repair of lands "run out" and almost valueless, there is one resource not much resorted to. But it would pay, and is not that the grave question of to-day? We have often recommended subsoil ploughing, but experiment has shown that subsoils for several feet lower than the plough can reach, may be thrown up. They are as likely as upper soils to possess the elements of fertility, and have not suffered from over cropping. Let these heaps of subsoil be exposed to the action of the elements for a year or two. The sun, air, frost and rains will do their work honestly. Let the farmer do his part, and by spreading this earth manure over his fields, he will be rewarded by reaping plenteously.

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8 *Sublime flowers into brooding room*
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10 *Cool down*
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16 *Robins first seen in garden*
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19 *Uncovered frames in garden, containing plants*
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25 *Crocus opens. Retain off leaves*
26 *Sowed seeds in hothed*
27 *Sowed seeds in seed pans. Went to Alameda*
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Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Full Moon.....	8	4	53 mo.	4	47 mo.	4	35 mo.	4	28 mo.	4	15 mo.
Last Quarter.....	16	8	27 mo.	8	21 mo.	8	9 mo.	7	57 mo.	7	49 mo.
New Moon.....	23	10	25 mo.	10	19 mo.	10	7 mo.	9	55 mo.	9	47 mo.
First Quarter.....	30	0	48 mo.	0	42 mo.	0	30 mo.	0	18 mo.	0	10 mo.

DAYS.		Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			
M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h.	m.	p.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.				
1	Mon.	4 54	7 00	4 58	6 58	15 10	1 50	1	11	56	5
2	Tues.	53	1	57	57	15 28	2 17	9	11	56	14
3	Wed.	51	8	55	59	15 45	2 40	18	11	56	11
4	Thur.	50	4	54	7 00	16 03	3 3	25	11	56	40
5	Fri.	49	5	53	1	16 20	3 22				
6	Sat.	47	7	51	2	16 37	3 44				
7	S.	4 45	7 8	4 49	7 3	16 53	4 9				
8	Mon.	43	9	48	4	17 10	Rises.				
9	Tues.	42	10	47	5	17 26	8 53				
10	Wed.	41	11	46	6	17 42	9 53				
11	Thur.	40	12	45	7	17 57	10 40				
12	Fri.	39	13	44	8	18 12	11 31				
13	Sat.	37	15	42	10	18 27	Morn.				
14	S.	4 36	7 16	4 42	7 11	18 42	0 9				
15	Mon.	35	17	40	12	18 56	0 40				
16	Tues.	34	18	39	13	19 10	1 8				
17	Wed.	33	19	38	14	19 23	1 29				
18	Thur.	32	20	37	15	19 37	1 53				
19	Fri.	31	21	36	16	19 50	2 11				
20	Sat.	30	22	35	17	20 02	2 33				
21	S.	4 29	7 23	4 34	7 18	20 15	2 59				
22	Mon.	28	24	33	19	20 26	3 29				
23	Tues.	27	25	32	20	20 35	Sets.				
24	Wed.	27	27	32	21	20 49	9 15				
25	Thur.	26	28	31	22	21 00	10 20				
26	Fri.	25	29	31	23	21 11	11 11				
27	Sat.	24	30	30	24	21 21	11 50				
28	S.	4 23	7 31	4 29	7 25	21 30	Morn.				
29	Mon.	22	32	28	26	21 40	0 21				
30	Tues.	21	33	28	26	21 49	0 45				
31	Wed.	20	34	27	27	21 57	1 8				

Garden and Field Seeds—Flowering Bulbs, &c., at JOHN HART'S.

MAY.—As the spring opens, a piece of advice respecting the health may not be considered out of place. Too much attention cannot be given to the sanitary condition of a farmstead. As the snow and ice disappear you will find about your yards or premises a good deal of debris and half decayed matter. Perhaps foul surface water will run into the well. Barn-yards and cesspools may overflow and saturate the earth. As the sun's rays become powerful, the exhalations become injurious. Foul air is generated and this becomes the cause of low fevers and typhoid. Clean up the cellar, remove all decaying vegetable matter, use all diligence to extirpate the many dangerous adversaries of life and health, in a word, be cleanly, and use plenty of good cold water.

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- 1 Temp. 25° High wind & very cold.
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- 13 5.0 below freezing point.
- 14 11.0 - about highest point.
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- 20 Snow cabbage, balsam, & radish in yard. Snow black.
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- 23 *Quercus bicolor*
- 24 11 11
- 25 100, *Scirpus, Carex, Poa, Pteris, etc.* - *Trichostema*
- 26 *Blaua, Nela, Corn, Squash*
- 27
- 28
- 29 Snow Settles, level, bags, & 4
- 30 30° or 2° below freezing point
- 31 *Plantago, Galium, Sida, etc.*

Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto	London.
Full Moon.....	D. 6	h. m. 7 37 ev.	h. m. 7 31 ev.	h. m. 7 19 ev.	h. m. 7 7 ev.	h. m. 6 59 ev.
Last Quarter.....	14	10 14 ev.	10 8 ev.	9 56 ev.	9 44 ev.	9 36 ev.
New Moon.....	21	5 17 ev.	5 11 ev.	4 59 ev.	4 47 ev.	4 39 ev.
First Quarter.....	28	10 14 mo.	10 8 mo.	9 56 mo.	9 44 mo.	9 36 mo.

DAYS.		Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.			
M.	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h.	m.	s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.			
1	Thur.	4 20	7 34	4 27	7 28	22 06	1 29	June opens with prospects of pleasant weather, quite warm and some showers.			
2	Fri.	20	36	27	29	22 14	1 49				
3	Sat.	19	37	26	30	22 21	2 11				
4	S.	4 19	7 37	4 26	7 31	22 28	2 37	WHITSUNDAY.			
5	Mon.	18	38	25	31	22 35	3 6	Expect thunder and then showers but no steady rain just now.			
6	Tues.	18	38	25	31	22 41	Rises.	Changeable aspects, a beautiful fine day.			
7	Wed.	17	39	24	32	22 47	8 41	So is this day fine.			
8	Thur.	17	40	24	32	22 52	9 28				
9	Fri.	17	41	24	33	22 58	10 9				
10	Sat.	17	41	24	34	23 02	10 41				
11	S.	4 17	7 42	4 24	7 34	23 07	11 9	TRINITY SUNDAY.			
12	Mon.	16	42	24	35	23 10	11 39	11th St. Barnabas.			
13	Tues.	16	43	24	36	23 14	11 54	The middle of this month will be very warm.			
14	Wed.	16	43	24	36	23 17	Morn.	CORPUS CHRISTI.			
15	Thur.	16	44	23	37	23 20	0 14	To-day very fine.			
16	Fri.	16	44	23	37	23 22	0 35	St. Albans.			
17	Sat.	16	44	23	37	23 24	0 58				
18	S.	4 16	7 45	4 23	7 38	23 25	1 29	1st Sunday after Trinity.			
19	Mon.	16	46	23	39	23 26	1 57	Look for change.			
20	Tues.	16	46	23	39	23 27	2 40	There will be thunder.			
21	Wed.	16	46	23	39	23 27	Sets.	Some violent winds about now, and very chilly these nights.			
22	Thur.	16	47	23	39	23 27	8 59	St. John the Baptist.			
23	Fri.	17	47	24	40	23 26	9 45				
24	Sat.	17	47	24	40	23 25	10 19				
25	S.	4 18	7 47	4 25	7 40	23 24	10 47	2nd Sunday after Trinity.			
26	Mon.	18	47	25	39	23 23	11 11	Quite warm and for three days pleasant and on the whole calm.			
27	Tues.	18	46	26	39	23 19	11 33				
28	Wed.	19	46	26	39	23 17	11 53				
29	Thur.	19	46	27	39	23 14	Morn.	ST. PETER'S DAY.			
30	Fri.	20	46	27	39	23 10	0 16	Month ends with heat.			

Try the Danville School Slate, you would like it, buy it at HART'S.

JUNE.—Indian corn is not so much cultivated now as it was in former years. Many have failed to raise good crops and have been discouraged. A farmer tells us that to raise a good crop he ploughs sod ground in the fall of the year, and during the winter covers it with manure from the cow-stable. During the spring, before it becomes dry, the ground is well harrowed, so as to mix the earth and manure. After cross dragging and marking out, the rows north and south are made three feet six apart, and the other way three feet, using plenty of seed, five or eight kernels. As soon as the corn is up, a mixture of gypsum and ashes is used. At the proper time it is thinned and hoed. Frequent stirring will keep down the weeds, and it is best to restrict the hoeing.

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1 Sowed Cor' flower seeds

2 Sowed winter flowers, & grapes

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7 Left for meeting of General Assembly at Toronto

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20 Returned from Genl. Assembly, at Toronto

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26 Rev. Mr. Peop moved into la. B.

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Moon's Phases.	Quebec.		Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	6	10 38 mo.	10 32 mo.	10 20 mo.	10 8 mo.	10 0 mo.
Last Quarter.....	14	8 46 mo.	8 40 mo.	8 33 mo.	8 26 mo.	8 18 mo.
New Moon.....	20	11 53 ev.	11 47 ev.	11 35 ev.	11 23 ev.	11 15 ev.
First Quarter.....	27	10 9 ev.	10 8 ev.	9 51 ev.	9 39 ev.	9 31 ev.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h.	m. s.
1	Sat.	4 20	7 46	4 27	7 39	23 6	0 41	Calendar, Aspects, &c.		
2	S.	4 21	7 46	4 28	7 39	23 02	1 9	Opens with mildness.		
3	Mon.	22 46	29 39	22 57	1 42	3rd Sunday after Trinity.				
4	Tues.	23 45	30 38	23 52	2 22	The heat not severe.				
5	Wed.	23 45	30 38	23 46	3 10	Fine grass crops growing.				
6	Thur.	24 44	30 38	22 40	Rises.	Pleasant and warm.				
7	Fri.	25 44	31 38	22 34	8 43	Thunder and Lightening.				
8	Sat.	26 44	32 38	22 27	9 12	Heavy rain storm west.				
9	S.	4 26	7 44	4 33	7 38	23 20	9 37	Agreeable generally.		
10	Mon.	27 42	34 37	22 13	9 59	4th Sunday after Trinity.				
11	Tues.	27 43	34 36	22 05	10 19	Unsettled and dull.				
12	Wed.	28 42	34 36	21 57	10 38	Very changeable.				
13	Thur.	29 41	35 36	21 48	11 0	Sultry and cloudy.				
14	Fri.	30 41	35 35	21 39	11 24	Another thunderstorm.				
15	Sat.	31 41	37 34	21 30	11 52	Settled to heat.				
16	S.	4 31	7 40	4 38	7 34	21 20	Morn.	5th Sunday after Trinity.		
17	Mon.	32 39	39 34	21 10	0 29	This week may be predicted				
18	Tues.	33 38	40 33	20 59	0 17	as likely to be moderately				
19	Wed.	34 37	41 32	20 49	2 19	warm, tending to excess				
20	Thur.	35 36	42 31	20 37	Sets.	of heat, ending with wind,				
21	Fri.	35 35	43 30	20 26	7 37	rain and lightning.				
22	Sat.	37 34	43 29	20 14	8 14					
23	S.	4 38	7 33	4 44	7 29	20 02	8 46	6th Sunday after Trinity.		
24	Mon.	39 32	46 28	19 49	9 13	Very pleasant day.				
25	Tues.	40 31	46 27	19 37	9 34	St. James' Day.				
26	Wed.	41 30	47 26	19 23	9 55	Warm and dry.				
27	Thur.	42 30	48 25	19 10	10 19	Heat and sultriness.				
28	Fri.	42 28	49 24	18 56	10 42	Refreshing wind to-day.				
29	Sat.	44 27	50 23	18 42	11 19	Changeable.				
30	S.	4 45	7 26	4 51	7 22	18 27	11 42	7th Sunday after Trinity.		
31	Mon.	46 25	52 21	18 13	Morn.	Month ends with heat.				

Moody's Addresses and Sankey's Hymns for sale at HART'S.

JULY.—The Colorado Bug troubled the potatoe cultivator last year, and it is feared the same troubler will continue its depredations this year. It multiplies at the rate of 60,000,000 a year. We are not sorry that Paris green has lost its popularity, for, although it may be effectual, it is certainly dangerous; another and safer remedy has been found: Mix equal quantities of lime and sulphur in water, in the proportion of one pound of each to four gallons of water. This is simple and easy to be obtained. We recommend a trial of it, and let the result be made known through the press. If it should prove successful much good will be gained; if not the soil will not be injured in any-way.

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MEMORANDUM FOR JULY.

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Paint your Houses—and for outside work use the new Metallic Color for sale at HART'S.

Moon's Phases.		Quebec.	Montreal.	Pcrrh.	Toronto.	London.
Full Moon.....	D. 6	h. m. 1 38 mo.	h. m. 1 32 mo.	h. m. 1 20 mo.	h. m. 1 8 mo.	h. m. 1 00 mo.
Last Quarter.....	12	4 49 ev.	4 48 ev.	4 31 ev.	4 29 ev.	4 21 ev.
New Moon.....	19	7 27 mo.	7 21 mo.	7 9 mo.	6 57 mo.	6 48 mo.
First Quarter.....	26	1 18 ev.	1 12 ev.	1 00 ev.	0 48 ev.	0 40 ev.

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.	
						North.	R. & S.			
1	Tues.	h. m. 4 48	h. m. 7 24	h. m. 4 54	h. m. 7 18	Deg. Min. 17 58	h. m. 1 6	Calendar, Aspects, &c.		
2	Wed.	50	22	55	17	17 42	1 58	Month opens hot and dry,		
3	Thur.	51	21	56	16	17 27	2 58	and this whole week		
4	Fri.	52	20	57	15	17 11	4 1	is of the like character,		
5	Sat.	53	19	58	14	16 55	Rises.	with occasional thunder,		
								with blustering winds.		
6	S.	4 55	7 17	4 59	7 13	16 38	8 5	8th Sunday after Trinity.		
7	Mo.	56	16	6 00	16 21	16 21	8 28	Very warm day.		
8	Tues.	57	14	1	10	16 4	8 44	Dry and sultry.		
9	Wed.	58	12	2	8	15 47	9 5	Changeable		
10	Thur.	59	11	3	7	15 30	9 27	Threatens violent rains,		
11	Fri.	5 1	9	5	5	15 12	9 59	but takes up, for the		
12	Sat.	2	8	6	4	14 54	10 28	wind has changed.		
13	S.	5 3	7 7	5 7	7 3	14 36	11 8	9th Sunday after Trinity.		
14	Mon.	3	5	8	1	14 17	Morn.	Sultry dry weather.		
15	Tues.	5	3	9	6 59	18 59	0 2	All serene without.		
16	Wed.	6	2	10	58	13 40	1 9	Calm and warm.		
17	Thur.	7	1	11	57	13 20	2 27	Very pleasant day.		
18	Fri.	8	6 59	12	56	13 1	3 49	Cloudy afternoon.		
19	Sat.	9	57	13	54	12 42	Sets.	Very cool evenings		
20	S.	5 11	6 55	5 14	6 52	12 22	7 35	10th Sunday after Trinity.		
21	Mon.	12	54	16	50	12 2	7 58	Changeable.		
22	Tues.	13	52	17	49	11 42	8 20	Light thunder, which		
23	Wed.	14	50	18	47	11 21	8 44	breaks out north-east.		
24	Thur.	15	48	19	46	11 1	9 9	ST BARTHOLOMEW'S DAY.		
25	Fri.	18	46	20	44	10 49	9 30	Changeable.		
26	Sat.	19	45	21	43	10 19	10 16	Calm day and cool.		
27	S.	5 20	6 43	5 22	6 40	9 58	11 0	11th Sunday after Trinity.		
28	Mon.	21	41	24	38	9 37	11 51	Exceedingly pleasant.		
29	Tues.	22	40	25	37	9 16	Morn.	Agreeable weather.		
30	Wed.	23	38	26	36	8 54	0 48	The month ends with		
31	Thur.	24	36	27	34	8 33	1 50	calm settled weather.		

AUGUST.—The shortness of our working or spring season too frequently causes neglect of the vegetable garden, and in the hurry of the season, what is done is too often done carelessly. Then the blame of a poor crop is thrown on something, but in reality nature does her work faithfully. Clean up your garden in the fall, cover it with good rich manure, or let it be applied early, so that the rains may carry the liquid parts into the soil. One ploughing is not sufficient; harrow and cross plough, then harrow again before sowing and planting. In this way a good distribution of manure is secured, and the land becomes properly pulverized. Keep down the weeds, and every farmer may then know that a vegetable garden pays well.

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MEMORANDUM FOR AUGUST.

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Paper Hangings and Window Shades, new style and colors, very cheap at HART'S.

Moon's Phases.		Quebec.		Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon	3	4 13 ev.	4 7 ev.	3 55 ev.	3 43 ev.	3 35 ev.	3 35 ev.
Last Quarter	10	11 21 ev.	11 15 ev.	11 3 ev.	10 51 ev.	10 43 ev.	10 43 ev.
New Moon	17	4 54 ev.	4 48 ev.	4 36 ev.	4 24 ev.	4 16 ev.	4 16 ev.
First Quarter	25	7 7 mo.	7 1 mo.	6 49 mo.	6 37 mo.	6 29 mo.	6 29 mo.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	North.	R. & S.	D.	h. m.	s.
M. Week.							18	11 54	5
							25	11 51	39

		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	
1	Fri.	5 26	6 34	5 28	6 32	8 11	2 55	Calendar, Aspects, &c. Some high winds with moderated temperature.
2	Sat.	28	32	30	29	7 49	3 59	
3	S.	5 29	6 30	5 30	6 28	7 27	Rises.	12th Sunday after Trinity
4	Mon.	30	28	32	29	7 05	6 50	Harvesting completed by
5	Tues.	31	27	32	26	6 43	7 10	reason of very favorable
6	Wed.	32	24	34	23	6 20	7 33	weather throughout the
7	Thur.	33	23	35	21	5 58	7 58	whole western country
8	Fri.	35	21	36	20	5 35	8 29	Very comfortable day.
9	Sat.	36	19	37	18	5 13	9 6	Cloudy and dry.
10	S.	5 37	6 17	5 38	6 16	4 50	9 54	13th Sunday after Trinity..
11	Mon.	39	16	39	15	4 27	10 56	Very pleasant day.
12	Tues.	39	14	40	13	4 04	Morn.	Cool and dry.
13	Wed.	40	12	41	11	3 41	0 08	Exceedingly pleasant.
14	Thur.	42	10	43	9	3 18	1 25	Rather dull but dry.
15	Fri.	43	7	43	7	2 55	2 45	Prospect of rain.
16	Sat.	44	6	45	5	2 33	4 1	Heavy clouds and windy.
17	S.	5 45	6 4	5 46	6 3	2 09	Sets.	14th Sunday after Trinity.
18	Mon.	46	2	47	1	1 45	6 20	All around bright.
19	Tues.	48	6 00	48	6 00	1 22	6 44	Pleasantly cool.
20	Wed.	49	5 57	49	5 57	0 59	7 9	Frost this evening.
21	Thur.	50	56	50	56	0 35	7 37	St. Matthew.
22	Fri.	51	54	52	54	0 12	8 13	Vines endangered, but the
23	Sat.	52	52	52	52	8 11	8 52	wind changes.
24	S.	5 54	6 50	5 53	6 50	0 34	9 42	15th Sunday after Trinity.
25	Mon.	56	48	54	49	0 57	10 36	Exceedingly cool for the
26	Tues.	56	46	55	47	1 21	11 38	season, but yet there is
27	Wed.	57	45	57	45	1 44	Morn.	no ground of complaint
28	Thur.	59	43	59	43	2 07	0 41	St. Michael and all Angels.
29	Fri.	6 00	40	6 00	40	2 31	1 45	for the month ends very
30	Sat.	2	38	1	39	2 54	10 9	finely.

SEPTEMBER.—Need we say anything to the dairyman on the wisdom of using good judgment and the greatest of care in the selection of good cows. It may be safely said that the butter of poor cows costs twice as much as that of good ones. A poor cow ought never to be allowed a place in the dairy, but it must be remembered that a very good cow may be made unprofitable. Careless milking, harsh treatment, worrying and exposure to severe storms, or extremes of heat and cold, abate the flow of milk and occasion much loss. After selecting the best animals for dairy purposes, let them have comfort, quietness, and plenty of good food. In this last item let there be no negligence, and, combined with the other, the intelligent dairyman will not be plagued with loss of milk. Give plenty and have plenty.

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Moon's Phases.	Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	8	5 56 mo.	5 56 mo.	5 50 mo.	5 38 mo.	5 38 mo.	5 56mo.	5 18 mo.	5 18 mo.	5 18 mo.
Last Quarter.....	10	5 20 mo.	5 14 mo.	5 2 mo.	4 50 mo.	4 50 mo.	4 42 mo.	4 42 mo.	4 42 mo.	4 42 mo.
New Moon.....	17	4 49 mo.	4 43 mo.	4 31 mo.	4 19 mo.	4 19 mo.	4 11 mo.	4 11 mo.	4 11 mo.	4 11 mo.
First Quarter.....	25	4 54 mo.	2 48 mo.	2 36 mo.	2 24 mo.	2 24 mo.	2 16 mo.	2 16 mo.	2 16 mo.	2 16 mo.

M.	Week.	Montreal.		Toronto.		Sun's Declinat. South.	The Moon. R. & S.	Sun on Meridian.			Calendar, Aspects, &c.
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.	
		h. m.	h. m.	h. m.	h. m.			Deg. Min.	h. m.		
1	S.	6 3	5 37	6 2	5 38	8 18	8 54				17th Sunday after Trinity
2	Mon.	4 35	3 36	3 36	3 41	5 0	5 0				Changeable week.
3	Tues.	5 33	4 34	4 34	4 04	Rises.	Rises.				Dry and moderate.
4	Wed.	7 31	5 3	5 3	4 27	6 0	6 0				Cool but not cold.
5	Thur.	8 30	6 32	6 32	4 50	6 29	6 29				High winds throughout.
6	Fri.	9 27	7 29	7 29	5 14	7 6	7 6				Some storms westerly.
7	Sat.	11 25	9 27	9 27	5 37	7 51	7 51				Calm and cold East.
8	S.	6 12	5 24	6 10	5 26	5 59	8 48				18th Sunday after Trinity
9	Mon.	12 21	11 24	11 24	6 22	9 58	9 58				Very pleasant day.
10	Tues.	14 20	12 22	12 22	6 45	11 12	11 12				Dry and warm.
11	Wed.	15 19	14 20	14 20	7 08	Morn.	Morn.				The season is changing
12	Thur.	17 17	15 19	15 19	7 30	0 29	0 29				hard frost has laid low
13	Fri.	18 14	16 17	16 17	7 53	1 45	1 45				the vines and leaves.
14	Sat.	20 12	17 15	17 15	8 15	2 58	2 58				
15	S.	6 21	5 11	6 19	5 13	8 38	4 9				19th Sunday after Trinity
16	Mon.	23 9	20 12	20 12	9 00	5 20	5 20				Very cool and dry.
17	Tues.	24 7	21 9	21 9	9 22	Sets.	Sets.				Variable days about now
18	Wed.	25 5	22 8	22 8	9 44	5 37	5 37				rain and wind.
19	Thur.	26 4	24 6	24 6	10 5	6 9	6 9				Some snow has fallen down
20	Fri.	28 2	25 5	25 5	10 27	6 47	6 47				earth; rain west.
21	Sat.	29 1	27 3	27 3	10 48	7 33	7 33				St. Simon and St. Jude.
22	S.	6 31	4 59	6 28	5 2	11 10	8 26				20th Sunday after Trinity
23	Mon.	32 57	29 4 59	29 4 59	11 31	9 25	9 25				The month ends with
24	Tues.	33 55	30 58	30 58	11 52	10 23	10 23				clouds and wind.
25	Wed.	35 53	31 57	31 57	12 12	11 30	11 30				
26	Thur.	36 52	32 56	32 56	12 33	Morn.	Morn.				
27	Fri.	38 50	34 54	34 54	12 53	0 35	0 35				
28	Sat.	39 49	35 53	35 53	13 14	1 38	1 38				
29	S.	6 41	4 47	6 36	4 52	13 33	2 42				
30	Mon.	42 46	38 38	38 38	50 13 53	3 48	3 48				
31	Tues.	43 45	40 48	40 48	14 13	4 56	4 56				

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

OCTOBER.—As there is an increased exportation of Canadian productions to distant lands, it will be poor policy to ship inferior qualities of any thing. We specially refer to cheese and butter, of which large quantities are sent to England. Our character for care and the excellency of our produce are pretty well established. Good in flavor and attractive in color, Canada products have commanded a good price, and the same will continue to do so. We have heard of lots of poor butter which have been palmed off by Yankee speculators as Canadian, thus robbing us of our reputation, and swindling besides. All the more reason for vigilance in selecting and carefully branding the genuine Canadian article.

11th Month. **NOVEMBER, 30 Days.** Begins on Wednesday

1870

PAYSON, DUNTON and SCRIBNER'S System of Penmanship, sold by JOHN HART.

Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h. m.		h. m.		h. m.		h. m.		h. m.	
Full Moon.....	1	6 31 ev.		6 25 ev.		6 18 ev.		6 1 ev.		5 53 ev.	
Last Quarter.....	8	0 7 ev.		0 1 ev.		11 59 ev.		11 47 ev.		11 39 ev.	
New Moon.....	15	7 48 ev.		7 42 ev.		7 30 ev.		7 18 ev.		7 10 ev.	
First Quarter.....	23	10 26 ev.		10 20 ev.		10 8 ev.		9 56 ev.		9 48 ev.	

M. Week.	DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m.	s.
		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.		
1	Wed.	6 44	4 44	6 41	4 47	14 32	Rises.	ALL SAINTS DAY.		
2	Thur.	46	42	43	45	14 51	5 3	Cold rains and frosty nights prevail.		
3	Fri.	48	40	44	44	15 10	5 46	Quite windy and unsettled.		
4	Sat.	49	39	45	43	15 29	6 40	21st Sunday after Trinity.		
5	S.	6 51	4 37	6 47	4 41	15 57	7 48	This week will be on the whole agreeable and pleasant, but the signs of approaching Winter are as usual. Cold and snow.		
6	Mon.	52	36	49	40	16 5	9 2	ST. MARTIN'S DAY.		
7	Tues.	54	34	49	39	16 23	10 21	22nd Sunday after Trinity.		
8	Wed.	55	32	50	38	16 40	11 38	Cold and frosty.		
9	Thur.	56	31	51	37	16 57	12 21	Frosty and cold.		
10	Fri.	57	29	53	35	17 14	0 49	Prospects of change. Cloudy and calm.		
11	Sat.	58	28	54	34	17 31	1 58	Windy and cloudy. Pleasant not cold.		
12	S.	7 00	4 27	6 55	4 33	17 47	3 7	23rd Sunday after Trinity.		
13	Mon.	1	26	56	32	18 3	4 15	Cold and frosty nights.		
14	Tues.	3	26	58	31	18 19	5 24	Cold rains and some sleet.		
15	Wed.	5	25	7 00	30	18 35	6 33	The wind also from the N. E., makes the week very disagreeable.		
16	Thur.	6	24	1	29	18 50	4 43	Somewhat milder.		
17	Fri.	7	23	2	28	19 4	5 25	24th Sunday after Trinity.		
18	Sat.	8	22	3	27	19 19	6 17	Changeable, but steadily cold for some days with rains.		
19	S.	7 11	4 21	7 5	4 27	19 33	7 14	ST. ANDREW'S DAY.		
20	Mon.	12	20	6	26	19 46	8 15			
21	Tues.	13	19	7	25	20 00	9 18			
22	Wed.	14	18	8	24	20 13	10 20			
23	Thur.	16	18	10	24	20 25	11 22			
24	Fri.	17	17	11	23	20 38	12 21			
25	Sat.	18	16	12	22	20 49	0 25			
26	S.	7 19	4 15	7 13	4 21	21 1	1 29			
27	Mon.	21	15	15	21	21 12	2 32			
28	Tues.	22	14	16	20	21 22	3 40			
29	Wed.	23	13	17	19	21 33	4 50			
30	Thur.	25	13	18	19	21 42	6 6			

NOVEMBER.—The Royal Agricultural Society of Britain has a membership of 5,982. It has an accumulated fund of \$150,000, and an Annual Income of \$54,000. It distributes \$17,000 in premiums, not one cent of which is expended on the fast horse and his fast master. The entries, as shown by the last report, are all eminently practical. There were more than 370 different implements, and 15 entries for a special premium for the best guard to the drum of a threshing machine. It may be noticed, with pleasure that \$2,500 is yearly appropriated for scholarships to be held by pupils in designated schools in superior studies appertaining to agriculture. It shows the British estimate of the farmer's profession, than which none is more honorable, and but few more profitable.

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23 + 24 Banking up house

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26 Apples in shed till this evening

27 But Mr. Bock. Apples by station to Strathgalloway

28 Took up winter matches. Very fine weather

29 Up till today very mild.

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31

17 above zero

4 above zero

3 below zero

Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Full Moon.....	1	6 4 mo.	5 58 mo.	5 46 mo.	5 34 mo.	5 26 mo
Last Quarter.....	7	9 23 ev.	9 17 ev.	9 5 ev.	8 53 ev.	8 45 ev.
New Moon.....	15	1 14 ev.	1 8 ev.	0 56 ev.	0 44 ev.	0 36 ev.
First Quarter.....	23	6 41 ev.	6 35 ev.	6 23 ev.	6 11 ev.	6 3 ev.
Full Moon.....	30	4 49 ev.	4 58 ev.	4 41 ev.	4 29 ev.	4 21 ev.

DAYS.	Montreal.	Toronto.	Sun's Declinat.		The Moon.	Sun on Meridian.		
			South.	R. & S.		D.	h. m. s.	
<i>M.</i> Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	Deg. Min.	h. m.	Calendar, Aspects, & Cold and gloomy.	
1	Fri.	7 26	4 12	7 19	4 19	21 52	5 30	Prospect of snow storm.
2	Sat.	28	12	21	19	22 1	6 45	Advent Sunday.
3	S.	7 28	4 12	7 21	4 19	22 9	6 45	Not unpleasant day.
4	Mon.	29	11	22	18	22 18	8 4	St. Nicholas.
5	Tues.	30	11	24	18	22 25	9 24	Thermometer low.
6	Wed.	31	11	25	17	22 33	10 40	Wind and storm.
7	Thur.	32	11	26	17	22 39	11 58	Morn. A fall of snow.
8	Fri.	33	11	27	17	22 46	1 1	Very unsettled.
9	Sat.	35	11	28	18	22 52		
10	S.	7 35	4 11	7 28	4 18	22 57	2 8	2nd Sunday in Advent.
11	Mon.	36	11	29	18	23 2	3 14	There will be continue
12	Tues.	37	11	30	18	23 7	4 28	Frost this week, perhaps
13	Wed.	38	11	31	18	23 11	5 29	thaw, which however
14	Thur.	39	11	32	18	23 15	6 34	of short stay. The wa
15	Fri.	39	11	32	18	23 18		ther continues general
16	Sat.	40	12	33	19	23 21	5 5	winy.
17	S.	7 41	4 12	7 33	4 19	23 23	6 5	3rd Sunday in Advent.
18	Mon.	42	12	33	20	23 24	7 8	A snow storm will prev
19	Tues.	42	12	34	20	23 26	8 10	East, much lighter We
20	Wed.	43	13	36	20	23 27	9 12	of Kingston.
21	Thur.	43	13	36	20	23 27	10 13	ST. THOMAS' DAY.
22	Fri.	44	13	37	21	23 27	11 15	REMEMBER THE POOR.
23	Sat.	44	14	37	21	23 26		The weather is cold, and p
24	S.	7 45	4 15	7 38	4 22	23 25	0 15	your Xmas goods at Har
25	Mon.	45	15	38	23	23 24	1 23	4th Sunday in Advent.
26	Tues.	45	15	38	24	23 22	2 33	CHRISTMAS DAY.
27	Wed.	45	17	38	24	23 19	3 47	Settling for cold. St. Step
28	Thur.	46	18	39	25	23 16	5 04	St. John the Evangelist.
29	Fri.	46	18	39	25	23 18	6 19	Holy Innocents.
30	Sat.	47	19	39	26	23 9	7 28	Cold and snow.
31	S.	7 46	4 20	7 39	4 27	23 5	8 26	Changeable.
								1st Sunday after Christm

Orders for Plain and Ornamental Binding taken at JOHN HART'S.

DECEMBER.—At this season it is advisable to employ a portion of spare time in the reading and study of such books as are adapted to your profession or employment. Agricultural and Horticultural works are most abundant and of a better style of perfectness than could be had in former years. Don't be ashamed of "book learning" or of scientific farming. It is not worthy to own a piece of land who repudiates science or neglects scientific research. There are few professions or occupations where the knowledge of chemistry and botany is of greater importance. We must therefore again recommend study; keep out of debt, drink no alcohol, attend your Church, and remember the poor.

Friday

1876.]

MEMORANDUM FOR NOVEMBER.

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1 Put on outer window } slight fall of snow

2 Put on do do }

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8 Put up coal stove; but no coal for it. Blew pipes of
smoking room stove

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10 River entirely frozen over down to the dam. 18° below zero

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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 of Prussia, 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 four daughters and two sons.

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.

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

DOMINION OF CANADA.

Seat of Government Ottawa.

GOVERNOR GENERAL.

His Excellency the Right Honorable Earl of Dufferin and Clandeboy, 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. colonel Bernard, lieut. colonel F. Cumberland, extra aides-de-camp; Henry Moodie, 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. René Edouard Caron, Quebec; hon. Adam G. Archibald, Nova Scotia; hon. S. L. Tilley, C.B., New Brunswick; hon. Sir Robert Hodgson, Knight, Prince Edward Island; hon. Alexander Morris, Manitoba and North West Territories; hon. J. W. Trutch, British Columbia.

COMMANDING HER MAJESTY'S FORCES IN BRITISH
NORTH AMERICA.

Lieut. General O'Grady Haly.

PRIVY COUNCIL.

Premier and Minister Public Works, hon. Alexander McKenzie; Minister of Justice and Attorney General, hon. Edw. Blake; 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. F. Geoffrion; President of the Privy Council, _____; Minister of Marine and Fisheries, hon. A. J. Smith; Postmaster General, hon. L. S. Huntington; Minister of Agriculture, hon. Luc Letellier de St. Just; Secretary of State for Canada, hon. R. W. Scott; Minister of the Interior, hon. David Laird; Receiver General, hon. Thomas Coffin. *Officers*—Clerk of the Privy Council, Wm. A. Himsforth; assistant, J. O. Côté. *Clerks*.—F. H. Himsforth, H. Alexander, Wm. Horace Lee, Lewis J. Burpee, and Frank Newby; M. Naughton, doorkeeper and messenger; Benoni Grenier, W. Groom and Wm. Reynolds, messengers. Commissioner *per Deimus potestatem*.—Wm. A. Himsforth.

SENATE.

Hon. David Christie, Speaker, (Paris, Ont.)

SENATOR—LANARK.

Hon. James Shaw, Smith's Falls, P.O.

HOUSE OF COMMONS.

Hon. Timothy Warren Anglin, Speaker.

MEMBERS—LANARK AND RENFREW.

John G. Haggart, South Riding Lanark, Perth, P.O.
Daniel Galbraith, North Riding Lanark, Almonte, P.O.
William Murray, North Riding Renfrew, Pembroke, P.O.
John Lorn McDougall, South Riding Renfrew, Renfrew, P.O.

PROVINCE OF ONTARIO.

SEAT OF GOVERNMENT—TORONTO.

Lieutenant-Governor.—Hon. D. A. McDonald.

Private Secretary.—E. G. Curtis.

Executive Council.—Attorney General, hon. Oliver Mowatt; secretary and registrar and minister of agriculture, hon. S. C. Wood; commissioner of crown lands, hon. T. B. Pardee; treasurer, hon. Adam Crooks, Q.C.; commissioner of public works, hon. C. F. Fraser; clerk, J. G. Scott; assistant clerk, H. Kinlock.

Department of Public Instruction for Ontario.—Chief superintendent of education, rev. Egerton Ryerson, D.D., LL.D.; deputy superintendent of education and editor of the *Journal of Education*, J. George Hodgins, LL.D., barrister-at-law; senior clerk and accountant, Alex. Marling.

MEMBERS—LANARK AND RENFREW.

Hon. Rupert Mearse Wells, Speaker.
Abraham Code, South Riding Lanark, Innisville, P.O.
Dr. Mostyn, North Riding Lanark, Almonte, P.O.
J. Binfield, South Riding Renfrew, Eganville, P.O.
Thos. Deacon, North Riding Renfrew, Pembroke, P.O.

PROVINCE OF QUEBEC.

SEAT OF GOVERNMENT—QUEBEC.

Lieutenant-Governor.—Hon. René E. Caron; Major J. B. Amyot, V.M., aide-de-camp.

Executive Council.—Hon. C. B. deBoucherville, premier, provincial secretary and registrar and minister of public instruction; hon. T. R. Church, attorney general; hon. Jos. Gibb Robertson, treasurer; hon. H. G. Malhiot, commissioner of crown lands; hon. A. R. Angus, commissioner of public works; hon. P. Garneau, speaker Legislative Council; hon. Félix Lemaire, solicitor general.

—Crown Timber agent at Ottawa, A. J. Russel.

PROVINCE OF NEW BRUNSWICK.

SEAT OF GOVERNMENT—FREDERICTON.

Lieutenant-Governor.—Hon. S. L. Tilley, C. B.

Executive Council.—Hon. R. Young, president, Gloucester; hon. G. E. King, St. John; hon. Wm. M. Kelly, Northumberland; hon. John J. Fraser, York; hon. Benjamin Stephenson, Charlotte; hon. Angus McQueen, Westmorland; hon. J. H. Crawford, St. John; hon. E. Willis, St. John; F. A. H. Straton, clerk.

NOVA SCOTIA.

SEAT OF GOVERNMENT—HALIFAX.

Lieutenant-Governor.—Hon. A. G. Archibald.

Executive Council.—Hon. W. Annand, treasurer; hon. W. H. Smith, attorney-general; hon. W. B. Vail, provincial secretary; hon. Daniel McDonald, commissioner of mines and works; hon. Alonso J. Wright, commissioner of crown lands.

Hon. R. A. McHefhey, hon. J. Fergusson, hon. Robert Robinson, hon. James Cochran, members without office.

PRINCE EDWARD ISLAND.

His Honor Sir Robert Hodgson, Kt., lieutenant governor; H. E. A. Robinson, private secretary.

Executive Council.—Hon. Robert P. Haythorne, hon. Edward Palmer, hon. Peter Sinclair, hon. James R. McLean, hon. James Muirhead, hon. Henry Bear, hon. James Yeo, hon. James Hogan.

PROVINCE OF MANITOBA.

SEAT OF GOVERNMENT—FORT GARRY.

LIEUTENANT-GOVERNOR OF MANITOBA AND NORTH-WEST TERRITORIES—His Honor ALEXANDER MORRIS, P.C.

EXECUTIVE COUNCIL:

President.—Hon. James McKay.

Attorney General.—Hon. H. J. Clark, Q.C.

Provincial Secretary.—Hon. Joseph Royal.

Provincial Treasurer.—Hon. Thomas Howard.

Commis. Public Works and Agriculture.—Hon. J. Norquay.

Minister of Education.—Hon. A. Boyd.

PROVINCE OF BRITISH COLUMBIA.

SEAT OF GOVERNMENT—VICTORIA, V. I.

Lieutenant-Governor.—Hon. Joseph W. Trutch.

Private Secretary.—A. G. J. Pinder.

Executive Council.—Hon. J. Ash, provincial secretary; — provincial treasurer; hon. R. Beavin, chief commissioner lands and works; hon. G. A. Walkem, attorney-general and premier; hon. W. J. Armstrong, (without office).

EMIGRATION DEPARTMENT.

Quebec.—L. Stafford, agent ; A. Stein, assistant.

Montreal.—J. J. Daley, agent.

Ottawa.—W. J. Willis, agent.

Kingston.—R. Macpherson, agent.

Toronto.—J. A. Donaldson, agent.

Hamilton.—R. H. Rae, agent.

St. John, N. B.—Robert Shives.

Chatham, Miramichi, N. B.—Wm. Dickinson.

Halifax, N. S.—E. Clay.

Fort Garry.—G. McMicken, resident agent.

North West Territory.—J. A. N. Provencher.

POST OFFICE DEPARTMENT.

Hon. L. S. Huntington, postmaster general.

W. H. Griffin, deputy postmaster general ; H. A. Wickstead, accountant ;
William White, secretary ; John Ashwood, cashier.

Money Order Branch.—P. Le Sueur, superintendent.

Savings Bank Branch.—J. O. Stewart, superintendent.

Inspectors.—J. Dewe, G. E. Griffin, M. Sweetman, E. King, W. G. Shep-
pard, A. Woodgate, John McMillan, and for the Kingston Division, R. W.
Barker.

PERTH.

Thomas Cairns, postmaster.

Office Hours.—From 9 a.m. to 8 p.m. daily, Sundays excepted.

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.....	6cts. per $\frac{1}{2}$ oz
Between Canada and the United Kingdom.....	5cts. per $\frac{1}{2}$ oz

Pre-payment should, 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.

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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 4 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 Newspapers, *i.e.*, 1c. per lb., when paid by the bulk weight
Transient Periodicals, 1c. per 4 oz.

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Are subject to the British Book Rates, namely:—

Under 1 oz.....	2c.
Between 1 oz. and 2 oz.....	4c.
do 2 " " 4 "	6c.
do 4 " " 8 "	12c.

And so on, the scale progressing by a rate of 6c. for every 4 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, New foundland 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 New foundland, may also be forwarded on pre-payment of the 1c. per 4 oz. rate with the exception of packets of samples and patterns of merchandise addressed to the United States, on which a special rate of 10c. has to be prepaid which must not exceed 8 oz.

TO RAISE BREAD WITHOUT YEAST.—Mix in your flour, of pearl ash or soda carbonate of soda, two parts; tartaric acid, one part; both finely powdered. Make up your bread with warm water, adding but a little at a time, and bake soon.

TO MAKE HENS LAY PERPETUALLY.—Give your hens half an ounce of fresh meat each, chopped fine, once a day, while the ground is frozen, and they will not get worms or insects; allow no roosters to run with them, and they will lay perpetually. Try it. They also require plenty of grain, water, grass and lime.

WEANING COLTS.—Since replying to the question of a correspondent regard to the feeding of a colt about to be weaned at three months of age in which we stated that in our opinion that was too young, we have since several large and successful breeders of horses and inquired of them as to their practice in this respect. The youngest age set for weaning was four months. One of them was clearly of opinion that, on the whole, the best colts were the best, because they could run with the mare all winter without the risk of getting stunted in their growth, as they would have the advantage of fresh green grass in and about the time of weaning in the spring, so that they would keep growing right along, while if they were foaled in the Spring it is quite difficult to get them through the winter without getting some check to their growth, getting them pot bellied or otherwise out of shape.

If weaned in Fall, at say four or five months, they feed some oats, from one to two quarts a day and a bran mash frequently or some similar succulent food made up of shorts and cut hay. All concur in saying that it is very important to guard against any check in the first year's growth. They want to give plenty of exercise and plenty of nutritive, muscle forming food, like oats, shorts, bran, etc., and all concur in opinion that the colt of four months is too young to wean at this season of the year. This is a very important point and we should like to see it discussed.

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

COUNTRY.	Per ½ oz Newspapers		ROUTE.
	cents.	cents.	
Australia.....	8	4	Via San Francisco.
do	16	4	" England.
Argentine Confederation.....	26	6	" New York.
Austria.....	10	4	" England.
Bahamas.....	6	4	" New York.
Belgium.....	10	4	" England.
Bermuda.....	8	4	" New York.
Brazil.....	18	..	" "
Cape of Good Hope.....	28	4	" England.
Ceylon.....	22	4	" "
Chili.....	20	6	" New York.
Cuba.....	8	4	" England.
Denmark.....	10	4	" "
Egypt.....	10	6	" "
France.....	10pr ¼ oz	per 2 oz	" "
do	16pr ½ oz	4	" "
Germany.....	10	4	" "
Gibraltar.....	10	4	" "
Holland.....	10	4	" "
Hong Kong.....	13	4	" San Francisco.
India.....	22	4	" England.
Italy.....	10	4	" "
Japan.....	18	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.....	16	6	" "
Sweden.....	10	4	" "
Switzerland.....	10	4	" "
West Indies } Danish }	8	..	" New York.
West Indies.....	16	16	" "
Except where otherwise stated...			

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

France.....	28c. per ½ oz.
Germany.....	30c. " ½ oz.
India.....	42c. " ½ oz.

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

Sankey's Hymns and Solos with Music, by Post for 30c., JOHN HART.

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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 acknowledgement 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 any 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.

TO ESCAPE THE EFFECTS OF LIGHTNING.—1. Avoid standing under trees, to escape from the rain during a thunder storm, but boldly expose yourself to the wet; it will preserve you from the lightning. 2. Avoid standing close to any metallic bodies, as lead pipes or iron railings, &c. 3. When indoors during a thunder storm, sit or stand as near to the middle of the room as convenient; avoid standing at the window, or sitting near the wall.

The habit of being always employed is a great safeguard through life as well as essential to every virtue.

POST OFFICES IN THE COUNTY OF RENFREW—Continued.

POST OFFICES.	TOWNSHIPS.	POSTMASTERS.
Brudenell.....	Brudenell.....	James Costello.
Calabogie.....	Bagot.....	D. Dillon.
Castile.....	South Algoma.....	Edm. Bennett.
Castleford.....	Horton.....	John Warnock.
Chalk River.....	Buchanan.....	William Fields.
Clontarf.....	Sebastopol.....	J. R. McDonald.
Cobden.....	Ross.....	John Marshall.
Combermere.....	Radcliffe.....	D. Johnson.
Dacre.....	Brougham.....	John Morrow.
Douglas.....	Bromley.....	D. Ferguson.
Eganville.....	Gratton.....	John Quealy.
Forrester's Falls.....	Ross.....	Oliver Forrester.
Golden Lake.....	Algoma.....	Peter Jeffrey.
Gower Point.....	Westmeath.....	T. M. Carswell.
Griffith.....	Griffith.....	
Harcourt.....	Horton.....	Mrs. A. R. Hutton.
High Falls.....	Blithfield.....	Mrs. Dillon.
Hopefield.....	Radcliffe.....	Joseph Daly.
Lake Doré.....	Wilberforce.....	John Shaw, jun.
Locksley.....	Alice.....	W. M. Walford.
Lochwinnoch.....	Horton.....	Robert Storie.
Matawachan.....	Matawachan.....	John McGregor.
Mount St. Patrick.....	Brougham.....	Bridget Brady.
Osecola.....	Bromley.....	Alex. McLaren.
Palmer Rapids.....	Raglan.....	Alexander McPhee.
*Pembroke.....	Pembroke.....	Alex. Moffatt.
Perretton.....	Westmeath.....	Mrs. E. McCracken.
Petewawa.....	Petewawa.....	Sol. Divine.
Point Alexander.....	Rolph.....	Foster Armstrong.
Rankin.....	Wilberforce.....	W. P. Edward.
*Renfrew.....	Horton.....	William McKay.
Ross.....	Ross.....	Mrs. Mary McLaren.
Rockingham.....	Brudenell.....	J. S. Watson.
Rockliffe.....	Head.....	W. H. McIntyre.
Sand Point.....	McNab.....	Ed. Derenzy.
Shamrock.....	Admaston.....	P. Gorman.
Stafford.....	Stafford.....	R. Childerhose.
Stewartville.....	McNab.....	Alexander Duff.
Tramore.....	Hagarty.....	Peter Foy.
Vanbrugh.....	Sebastopol.....	John Mahon.
Westmeath.....	Westmeath.....	A. Fraser.
White Lake.....	McNab.....	A. Stirling.

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; Edward Elliot, Master and Deputy Registrar in the Court of Chaucery, Perth.

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

William Lees, 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 Assignee.—A. W. Bell, Carleton Place, and J. A. Gemmill, Almonte.

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

DIVISION COURT.

This Court is for the summary disposal of cases by a Judge; but a jury of five persons may be demanded in certain cases. Their jurisdiction extends to actions of debt or contracts amounting to \$100; injuries or torts to personal chattels amounting to \$40. Courts are held once in two months in each division, or oftener, at the discretion of the Judge.

CLERKS MAY ENTER JUDGMENT.

"*Special Summons*," shall be returnable on the 11th day after the day of service thereof upon the defendant, in case the defendant or one of the defendants reside in the country in which the action is brought, and unless the notice required by the second section of the Act of 1869 has been given by a sole defendant, or by one or more of several defendants, and leave to dispute the plaintiff's claim has not been given by the Judge, the clerk, after receiving a return of the "*special summons*," with the proper affidavit of service, may, on the 12th day after the service of the summons, enter judgment against the defendant or defendants so served as aforesaid, for the claim, or so much thereof as has not been disputed, if the plaintiff is content with judgment for such part.

If the plaintiff is not content to take judgment for the part not disputed he must proceed to trial, as in ordinary cases, and the part of such claim not disputed shall be considered as admitted and confessed by the defendant or defendants.

(See General Rules and Orders, for the practice of the Division Courts in Ontario, &c.,—to be had at Hart's Bookstore, Perth, at \$1 per copy.)

SITTINGS OF THE DIVISION COURTS IN THE COUNTY OF LANARK FOR 1876.

Court.	Place.	Where Held.	Jan.	Mar.	May.	July.	Sept.	Nov.
First	Perth.....	Court House	5	1	5	3	15	8
Second ..	Lanark Village	Town Hall...	7	2	8	11	16	9
Third	Carleton Place	do ...	13	8	3	7	13	15
Fourth...	Smith's Falls...	do ...	13	3	4	10	14	10
Fifth	Pakenham.....	do ...	10	6	1	5	11	13
Sixth	Almonte.....	Court Room.	11	7	2	6	12	14

Sittings of County Court,
(Without Jury,) 3 April : 3 October.
Other Sittings ordered as business
may require.

*Sittings of County Court and
General Sessions of the Peace,*
13 June. 12 December.

County Court Terms commence 3 January ; 3 April ; 3 July ; 2 Oct.

Appeals from Courts of Revision—Tuesday, 18 July, at Court House, Perth.

The Pakenham Court opens at 1 p.m.; all the other Courts at 10 a.m.

W. S. SENKLER, *Judge C. C. of Lanark.*

LIMITS AND OFFICERS OF DIVISION COURTS, LANARK.

FIRST DIVISION.—Court House, Perth.

Clerk, Robert Jamieson, Perth, P. O.; Bailiffs, Duncan McKerracher and James Patterson, Perth, P. O.; Limits: the Townships of Drummond, Bathurst, Sherbrooke, Burgess and all that part of the Township of Elmsley north of the Rideau River, within the County of Lanark, and west of lot No. 12 in each concession.

SECOND DIVISION.—Town Hall, Lanark.

Clerk, William Robertson, Lanark, P. O.; Bailiff, ————Lanark, Psths
Limits: the Townships of Lanark, Dalhousie, Darling, Levant, and North Sherbrooke.

THIRD DIVISION.—School House, Carleton Place.

Clerk, James Poole, Carleton Place, P. O.; Bailiff, George McPherson sen., Carleton Place, P. O.; Limits: the Township of Beckwith and lots Nos. 1, 2, 3, 4, 5 and 6 in the 1st, 2nd, 3rd, 4th, 5th, 6th and 7th concessions, in the Township of Ramsay.

FOURTH DIVISION.—Town Hall, Smith's Falls.

Clerk, W. M. Keith, Smith's Falls, P. O.; Bailiff, Henry Chalmers, Smith's Falls, P. O.; Limits: that part of the Township of Elmsley north of the Rideau River, from lot No. 1 to lot No. 12 in each concession, both inclusive, and the Township of Montague.

FIFTH DIVISION.—Town Hall, Pakenham.

Clerk, John Cowan, Pakenham, P. O.; Bailiff, W. H. Hill, Pakenham, P. O.; Limits: the Township of Pakenham.

SIXTH DIVISION.—Court Room, Almonte.

Clerk, John Patterson, Almonte, P. O.; Bailiff, George McPherson, sen., Carleton Place, P. O.; Limits: the Township of Ramsay, excepting lots Nos. 1, 2, 3, 4, 5 and 6 on the 1st, 2nd, 3rd, 4th, 5th, 6th and 7th concessions of the said Township.

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, 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 to the United States.

CORPORATION.

W. H. RADENHURST.—MAYOR.

COUNCILLORS.

<i>West Ward.</i>	<i>Centre Ward.</i>	<i>East Ward.</i>
A. J. Mattheson.	W. O'Brien.	F. A. Hall.
Edward Elliot.	Henry D. Shaw.	William McLeod.
John G. Campbell.	John A. McLaren.	G. A. Consitt.

Thomas Brooke, clerk; Henry Moorhouse, treasurer; John Gill, messenger; George Corry, chief constable; H. Moorhouse, collector; John Trace, market clerk.

PERTH PUBLIC SCHOOL.

REV. WILLIAM BAIN, D.D., Chairman.

James Boll, Treasurer.

Chas. Rice, Secretary.

Trustees Nominated by the Councils.

Rev. W. Bain, D.D.	James Allan.	Rev. R. L. Stephenson.
James Thompson.	George Kerr.	F. A. Hall.

Trustees Elective.

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

Teachers.

Frank Michell, B.A., Principal High School.
 George Shurtleff, Assistant, " "
 John Raine, Principal Public School.
 William Mortimer, Teacher, " 5th department,
 Miss Andison, " " 4th "
 Miss S. May, " " 3rd "
 Miss J. Forgie, " " 2nd "
 Mrs. R. Moodie, " " 1st "

RATES FOR NON-RESIDENT PUPILS.

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

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

For the year 1876, the School Board have offered two scholarships of sixteen dollars each, and two of eight dollars each, to be competed for by non-resident pupils attending the High School for that year. It is intended to make these scholarships permanent. For rules and conditions, apply to the Secretary, C. Rice, Esq.

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. McNab, B. A., Carleton Place, P. O.
 Rev. J. J. Ghisholm, D. D., Secretary, Perth P. O.

BANK AGENCIES AT PERTH.

MERCHANTS' BANK OF CANADA—James Gray, Agent.
 BANK OF MONTREAL—R. J. Drummond, Agent.

BANK AGENCY AT ALMONTE.

MERCHANTS' BANK OF CANADA—F. A. W. Lister, Agent.

BANK AGENCIES AT PEMBROKE.

MERCHANTS' BANK OF CANADA—Hector Fraser, Agent.
 QUEBEC BANK—J. Walker, Agent.
 ONTARIO BANK—W. H. Fuller, Agent.

BANK AGENCY AT ARNPRIOR.

BANK OF BRITISH NORTH AMERICA—Robert Steven, Agent.
 BANK OF OTTAWA—D. M. Finnie, Agent.

BANK AGENCIES AT RENFREW.

BANK OF BRITISH NORTH AMERICA—D. M. Fraser, Agent.
 MERCHANTS' BANK OF CANADA—C. G. Morgan, Agent.

BANK AGENCY AT SMITH'S FALLS.

MOLSONS' BANK—A. Lloyd Thomas, Agent.
 Bank hours, from 10 forenoon to 3 afternoon.
 On Saturday, from 10 forenoon to 1 afternoon.

Moody's Addresses and Lectures sent by Post for 50c., JOHN HART.

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FAIRS, LANARK AND RENFREW, 1876.

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.
 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.
 Ternyson, last Thursday in September.
 Watson's Corners, first Friday in October.

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 an 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.

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 vitrol.—Prepare an iron kettle, with a sufficient quantity of water to admit the yarn

*Dr. Chase's Book of Receipts and valuable information for sale, and sent free by mail on receipt of 75 cents, or cheap Ed. at 50 cents.

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—cleanse it well.

Chip Logwood, and Extract of Logwood, Blue Stone, Copperas and every thing 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 once 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 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 about a table-spoonful 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.

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

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water tartar and the yarn or cloth; keep them in two or three hours, stirring frequently; keep the liquid at about blood heat; when this is done, take out the yarn or cloth, and throw out 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 hot-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 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 a 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.

~~See~~ 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 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.

Some dyers say that a brighter scarlet may be made by using a weak dye of quercitron bark to make the wood a light orange as a preparation for the cochineal scarlet.

Cochineal, Powdered do. Cream Tartar, Solution of Tin, Nickwood, Quercitron Bark, etc., to be had at Hart's.

A FINE WINE COLOUR.—One pound of wool, half pound of red wood, one ounce of madder compound. Soak the powdered wood in warm water all night; mix the madder compound with about half a pint of water (in a glass) and add it to the rest; rinse the wool in warm water, and put into the dye, boil about half an hour, take out the wool and rinse in cold water.

A colour almost as fine may be had by using quarter pound of alum, and boiling in the same way.

TO DYE A SALMON COLOUR.—Take one pound of wool, quarter of a pound annatto, and a quarter of a pound of soap. Take water sufficient to cover

the wool, in which dissolve the annatto and soap; rinse the wool in warm water, put it into the annatto mixture, and boil it about half an hour. The shade may be made lighter or deeper according to the quantity of annatto used.

YELLOW.—One pound of wool or cloth, three quarters of a pound of fustic, quarter pound of alum—put all into an earthen vessel and pour of sufficient hot water to cover the wool and keep it warm all night; give it half an hour's boil in a brass kettle and then rinse in cold water. A more deeper and richer yellow may be made by using turmeric powder instead of fustic, and proceeding in the same manner.

Annatto, fustic, turmeric powder, alum, and the following dye stuffs of the best qualities always in stock:

Camwood, lac dyes, nut galls, red wood, blue vitriol, &c.

ANILINE COLOURS, IN CRYSTALS OR LIQUID.

Magenta, scarlet, mauve, purple, blue, brown, green, yellow, and other colors, in bottles and by the ounce.

FULLWOOD'S ENGLISH ANNATTO.

The best annatto for dairy use, the only article used by the English Dairyman for colouring cheese, &c. For sale by

JOHN HART.

LICE IN FOWLS.—There is such a number of recipes for killing lice on hens that it is difficult to determine which is best. We use only one thing and that is sulphur, and in the following manner: Whenever a hen takes a nest for sitting, fresh clean hay is put under the eggs, and a tablespoonful of sulphur scattered over it. This will sift in among the hay, and the warmth of the hen will be just sufficient to cause slight fumes to arise and kill all the vermin which may be on the hen or in the nest. We have practiced this plan for the past twelve years, and neither a lousy chicken or mother has ever been seen in our yard during the time named. This is our preventive for lice on young chickens. Every spring we have our poultry house and roosts thoroughly cleaned and whitewashed inside, and then scatter flour of sulphur in every crack and corner and liberally over the floor. Do this and repeat it in the autumn, and we will venture to say that you will have no vermin on your fowls. To kill the lice on the old fowls immediately, mix a little sulphur in lard, grease their heads with it and put a little under each wing. Sulphur is death to all kinds of lice and not at all injurious to higher animals. If scattered plentifully about barns and other outbuildings, it will destroy many kinds of vermin besides hen lice. We have no "pip" among our chickens since we commenced the sulphur treatment.—*Rural New Yorker.*

A SIMPLE DEVICE.—In England, where every house-yard gate is fastened with a common latch, dropping into the common figure 4 hasp, it has been the custom of hawkers, beggars, and other species of the genus cadger to lift the latch, walk into the kitchen, and have all the game to themselves. A writer in the *Gardeners' Magazine* says he interfered with the procession of cadgers through the gate. A second figure 4 hasp is driven in about the original, with the face downwards, and so far distant that there is just room, and no more than room, for the latter to slide out between them. The latch goes up and down furiously, the gate is kicked and thrust, but never opened, for not one of the cunning rogues has cunning enough to lift the latch very gently, so as to slide it out from beneath the hasps that catch it either way if it travels a hair's breadth too far.

Decision and promptitude, even though sometimes a man may err for want of due deliberation, will, in the long run, more often conduce to success than a slow judgment that comes too late.

USEFUL INFORMATION.

A BRUISE.—Immediately apply molasses spread on brown paper. Apply a plaster of chopped parsley mixed with butter.

PAIN IN THE STOMACH, WITH COLDNESS AND WIND.—Swallow five or six grains of white pepper for six or seven mornings.

TO PREVENT THE TOOTHACHE.—Wash the mouth with cold water every morning, and rinse it after every meal.

The difference between perseverance and obstinacy is that one often comes from a strong will, and the other from a strong won't.

Men, like horses, start aside from objects they see imperfectly. Enmities excited by an indistinct view would often be allayed by conference.

If men would but hate themselves as they do their neighbors, it would be a good step towards loving their neighbors as they do themselves.

Learn in childhood, if you can, that happiness is not outside, but inside. A good heart and a clear conscience bring happiness which no riches and no circumstances alone ever do.

TO PREVENT THE SMOKING OF LAMPS.—Soak the wick in strong vinegar, and dry it well. They will of course smoke, even after this preparation, if the wicks are put up too high.

TO RENDER BOOTS WATERPROOF.—Take—Boiled oil, sixteen parts; Turpentine (spt.), two parts; Bees-wax, one part; Resin, one part; Turpentine (Venise), two parts. Melt, and use hot.

Earn your own bread and see how sweet it will be! Work, and see how well you will be! Work, and see how cheerful you will be! Work, and see how independent you will be! Work, and see how happy your family will be!

Fear guides more to their duty than gratitude; for one man who is virtuous from the love of virtue, from the obligation which he thinks he lies under to the Giver of all, there are ten thousand who are good from their apprehension of punishment.

The best thing to give your enemy is forgiveness; to your opponent, tolerance; to a friend, your heart; to your child, a good example; to a father, deference; to your mother, conduct that will make her proud of you; to yourself, respect; to all men, charity.

ECONOMICAL WHITE HOUSE PAINT.—Take—Skim milk, two quarts; fresh slaked lime, eight ounces; Linseed oil, six ounces; White Burgundy pitch, two ounces; Spanish white, three pounds. The lime to be slaked in water, exposed to the air, mixed in about one-fourth of the milk; the oil, in which the pitch is previously dissolved, to be added a little at a time; then the rest of the milk, and afterwards the Spanish white. This quantity is sufficient for twenty-seven square yards, two coats, and the expense not more than tenpence.

A LIQUID TO CLEAN CLOTHES FROM GREASE.—This is the best receipt known for the extraction of grease. Take one peck of lime; add thereto as much water as will dissolve the lime, and leave about two gallons of clear water after it has been well stirred and settled. Let it stand about two hours, and then pour off the clear liquid into another vessel. Now add to it three ounces of pearl ash for every gallon of the liquid, stir it well, and when settled, bottle it for use. This liquor is to be diluted with water, to suit the strength and delicacy of the colour of the cloth. It is applied with a piece of coarse sponge, rubbing out the grease, and applying clear water afterwards.

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