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SEE PRICE LIST OF SCHOOL BOOKS INSIDE.

JOHN HART, PERTH.

THIRTEENTH YEAR OF PUBLICATION.

HART'S CANADIAN ALMANAC

And Repository of Useful Information

FOR THE

COUNTIES OF LANARK AND RENFREW,

FOR THE YEAR OF OUR LORD

1869.

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

ASTRONOMICAL CALCULATIONS.

Calculated for the Meridian of Montreal, in Latitude $45^{\circ} 30' 2''$ 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 16° West.

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JOHN HART, PERTH.

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Too 22 June 32 ...

EXPLANATION OF CALENDAR PAGES.

The Publisher of this Almanac, with a view to increase its circulation and usefulness, has, for several years past, adapted its calculations for the whole country. His plan has been everywhere appreciated and is still continued. 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 made according to the table of the celebrated Dr. Herschel; and for extraordinary accuracy, Hart's Almanac stands without any competition.

I. T

II. T

III. C

IV. C

HERSCHEL'S WEATHER TABLE

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

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

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

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

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

4. The space of this 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 of the afternoon hours, i.e., from four to ten, may be followed by fair weather; but this is most dependent on the wind, as is noted in the table.

New
Ash
Good

ECLIPSES DURING THE YEAR 1869.

- I. There will be a partial Eclipse of the Moon in the evening of January 27th. In Montreal it begins at 7.34 and ends at 9.54. In Toronto it begins at 7.11 and ends at 9.31.
- II. There will be an Annular Eclipse of the Sun on the 11th of February, but it will not be visible in any part of North America.
- III. On the 23rd of July the Moon will be partially Eclipsed, but this also will not be visible in North America.
- IV. On the 7th of August, there will be a total Eclipse of the Sun, visible. This Eclipse becomes total first at noon in Alaska, and from thence runs south-easterly. It will be discerned in Montreal at 5.9, evening, and ends 6.54; in Toronto it begins at 4.43 and ends 6.36, the greatest quantity in Canada being from 8 to 10 Digits.

EQUINOXES AND SOLSTICES.

		D.	H.	M.
Vernal Equinox	begins.....	March	20	3 16 morning.
Summer Solstice	"	June	21	4 50 morning.
Autumnal Equinox	"	Sept'r	22	7 12 morning.
Winter Solstice	"	Dec'r	21	1 8 evening.

APPEARANCES OF THE PLANETS, 1869.

Venus will be a Morning Star, until 9th May, and from that date to the end of the year an Evening Star. Mars will be an Evening Star throughout the year. Until 17th April, Jupiter will be an Evening Star, from that date to 12th August a Morning Star, then an Evening Star to the end of the year. Saturn will be a Morning Star until the 7th of March, and from that date to the 11th of December an Evening Star. Venus will not be very conspicuous until the latter part of the year. Mercury will be brightest soon after Sun-set, 1st February, 26th May, and 22nd September, and in the East before Sun-rise 21st March, 19th July, and November 7th. Mars will be brightest 13th February, about Sun-set. Jupiter will be brightest 8th November, about Sun-set, and Saturn will be brightest 4th June, rising about Sun-set.

HOLIDAYS OBSERVED AT PUBLIC OFFICES.

New Year's Day... ..	January 1	Easter Monday.....	March 29
Ash Wednesday.....	Feb. 10	The Queen's Birthday.....	May 24
Good Friday... ..	March 26	Christmas Day.....	Dec. 25

Generally used throughout the Dominion.

Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	5	1 35 mo.	1 29 mo.	1 17 mo.	1 5 mo.	11 57 ev.
New Moon.....	12	2 5 ev.	1 59 ev.	1 47 ev.	1 35 ev.	1 27 ev.
First Quarter.....	20	7 38 ev.	7 32 ev.	7 20 ev.	7 6 ev.	6 58 ev.
Full Moon.....	27	8 42 ev.	8 36 ev.	8 24 ev.	8 12 ev.	8 4 ev.

DAYS.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D.	h. m.	s.
M. Week.									
1							1	12	3 36
2							9	12	7 36
							17	12	10 36
							25	12	12 44

		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.
1	Fri.	7 46	4 29	7 40	4 28	22 57	8 38	Circumcision. [frost.
2	Sat.	46	21	40	29	22 51	9 48	Good sleighing and hard
3	C.	7 46	4 22	7 40	4 30	22 46	10 57	2nd Sunday after Christmas.
4	Mon.	45	28	39	31	22 40	Morn.	Freezing weather, cloudy.
5	Tue.	45	24	39	32	22 33	0 6	Continues cold, not unplea-
6	Wed.	44	25	39	33	22 26	1 12	Epiphany. [sant.
7	Thu.	44	27	39	34	22 18	2 18	Whole of first part of Jan.
8	Fri.	44	28	38	35	22 10	3 22	may be looked for as giv'g
9	Sat.	43	29	38	36	22 1	4 26	fair, cold wintry weather.
10	C.	7 43	4 31	7 37	4 37	21 52	5 21	1st Sunday after Epiphany.
11	Mon.	42	33	37	38	21 43	6 18	Rather doubtful, cloudy, but
12	Tue.	42	34	37	40	21 33	Sets.	storms pass over, & settle
13	Wed.	41	36	37	41	21 23	5 59	again, when temperature
14	Thu.	40	37	36	42	21 12	6 55	becomes more mild, and
15	Fri.	40	38	36	43	21 1	7 54	barometer indicates thaw,
16	Sat.	39	39	35	44	20 49	8 50	which does not continue.
17	C.	7 39	4 41	7 35	4 45	20 37	9 48	2nd Sunday after Epiphany.
18	Mon.	38	42	34	46	20 25	10 44	Some snow or rain if the
19	Tue.	37	43	33	48	20 12	11 41	wind be North-west.
20	Wed.	36	45	32	49	19 59	Morn.	Fair and frosty.
21	Thu.	35	47	31	50	19 45	0 41	Continues hard frost.
22	Fri.	34	49	30	52	19 32	1 41	Some little change, but not
23	Sat.	33	51	29	53	19 18	2 42	very much softer yet.
24	C.	7 32	4 52	7 28	4 54	19 4	3 36	Septuagesima Sunday.
25	Mon.	31	53	27	56	18 49	4 50	Conversion of St. Paul.
26	Tue.	31	54	26	57	18 34	Rises.	We don't expect much snow
27	Wed.	30	55	25	58	18 18	5 1	this week, but rather a
28	Thu.	29	56	25	5 00	18 2	6 15	steady cold, with occasional
29	Fri.	29	57	24	1	17 46	7 28	breeses from the North.
30	Sat.	28	59	24	2	17 29	8 41	Month ends very cold.
31	C.	7 27	5 00	7 28	5 4	17 38	9 52	Sexagesima Sunday.

JANUARY.—There are two things of which we strongly disapprove. They are two very different things, but as they are just now on our mind we will mention them together. We disapprove of storing any large quantity of vegetables under any dwelling house, for the reason that the exhalations of a cellar so stored must be very injurious to the health of the occupants of the house. A properly constructed root cellar under the barn is the very best place for many reasons. 2nd. We disapprove of stinting a cow of food because she is dry, for if you do, a poor calf will be the result. While dry the cow has two lives to support, hence the fact of her going dry, that the substance before given in the form of milk may go in the form of food for the calf. Give plenty of food to the cow in such condition, and of a nourishing quality.

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CLASSICAL AND GRAMMAR SCHOOL BOOKS, NOTE BOOKS,

2nd Month.

FEBRUARY, 28 Days. Begins on Monday.

Moon's Phases.	Quebec.		Montreal.	Perth.	Toronto.	London.
	d.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	3	0 8 ev.	12 2 mo.	11 50 mo.	11 38 mo.	11 30 mo.
New Moon.....	11	9 6 mo.	9 0 mo.	8 48 mo.	8 36 mo.	8 28 mo.
First Quarter.....	19	0 18 ev.	0 12 ev.	12 0 mo.	11 48 mo.	11 40 mo.
Full Moon.....	26	7 16 mo.	7 10 mo.	6 58 mo.	6 46 mo.	6 38 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.			
							17	12 14 31	
							25	12 13 12	

		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.
1	Mon.	7 27	5 2	7 28	5 5	16 56	11 2	Cold high winds may be
2	Tues.	26	3	22	6	16 34	Morn.	<i>Purification of Virgin Mary</i>
3	Wed.	25	4	21	6	16 20	0 10	looked for this first week.
4	Thu.	23	5	19	7	16 2	1 15	A stormy time. Drifting.
5	Fri.	22	6	17	8	15 44	2 17	Snow impedes travel in
6	Sat.	20	7	16	9	15 26	3 13	many parts of Quebec.
.....								
7	C.	7 19	5 8	7 14	5 9	15 7	4 13	<i>Quinquagesima Sunday.</i>
8	Mon.	18	9	13	11	14 48	5 3	Unsteady and cold
9	Tues.	17	11	12	13	14 29	5 49	<i>Shrove Tuesday.</i>
10	Wed.	16	18	11	14	14 9	6 29	<i>Ash Wednesday.</i>
11	Thu.	14	14	9	16	13 49	Sets.	Changeable weather all this
12	Fri.	13	16	7	17	13 29	6 43	quarter of Moon. Bleak
13	Sat.	11	17	6	18	13 9	7 40	on the hills.
.....								
14	C.	7 10	5 18	7 5	5 19	12 49	8 37	<i>1st Sunday in Lent and also</i>
15	Mon.	9	19	4	20	12 28	9 34	<i>ST VALENTINE'S DAY, 14th.</i>
16	Tues.	8	20	2	22	12 7	10 31	Considerable snow will fall,
17	Wed.	6	22	1	24	11 46	11 30	and travellers from home
18	Thu.	4	24	6 59	25	11 25	Morn.	may expect detention.
19	Fri.	3	25	57	27	11 4	0 29	Snow storm, and you may
20	Sat.	1	27	56	28	10 42	1 30	have a general tempest.
.....								
21	C.	6 59	5 28	6 55	5 30	10 20	2 32	<i>2nd Sunday in Lent.</i>
22	Mon.	57	30	52	31	9 58	3 31	Some change, but nothing
23	Tues.	56	32	50	33	9 38	4 28	like settled weather.
24	Wed.	54	34	49	34	9 14	5 21	<i>ST. MATHIAS. Stormy.</i>
25	Thu.	52	35	47	35	8 52	6 10	Winds prevail, and there is
26	Fri.	49	37	45	37	8 30	Rises.	every prospect of a rough
27	Sat.	48	38	46	38	8 7	7 30	time generally.
.....								
28	C.	6 47	5 40	6 44	5 40	7 44	8 42	<i>3rd Sunday in Lent.</i>

FEBRUARY.—Concerning pruning, it is not good to do too much. Don't cut away all the low branches so as to leave the tree with a tall, slender, naked stem, fully exposed to all the excesses of heat and cold, dryness and dampness. Let a tree be allowed to have its own way, and it will be surrounded in summer with a breastwork of foliage. The lower branches and spray will break the force of the winds in winter. The objection that low branches are a hindrance in ploughing is only another reason why they should be suffered to remain. Among the many enemies of fruit trees, none are more remorseless and destructive than the plough. It does incurable mischief, by breaking roots, bruising bark, and mutilating branches. A plough ought never to pass nearer to a fruit tree than the tips of its lowest branches. Let the spade be used in loosening the soil, and removing the grass close about the trunk.

COPY BOOKS, &c., FOR SALE CHEAP AT THE PERTH BOOK STORE.

1869]

MEMORANDUM FOR FEBRUARY.

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Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Third Quarter.....	15	0	55 mo.	0	49 mo.	0	37 mo.	0	25 mo.	0	17 mo.
New Moon.....	18	3	58 mo.	3	52 mo.	3	40 mo.	3	28 mo.	3	30 mo.
First Quarter.....	21	1	6 mo.	12	0 mo.	0	48 mo.	0	36 mo.	0	28 mo.
Full Moon.....	27	4	45 ev.	4	39 ev.	4	27 ev.	4	15 ev.	4	7 ev.

DAYS.		Montreal.		Toronto.		Sun's Declinat.		The Moon.		Sun on Meridian.		
M	Week.	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D.	h.	m.	s.	Sun on Meridian.
								1				12 12 27
								9				12 10 36
								17				12 8 22
								25				12 5 57
												Calendar, Aspects, &c.
1	Mon.	6 45	5 42	6 43	5 41	7 22	9 53					ST. DAVID'S DAY.
2	Tues.	44	43	42	42	6 59	11 3					March opens roughly, and
3	Wed.	42	44	40	44	6 36	Morn.					yet we predict a continu-
4	Thu.	40	45	39	46	6 18	0 9					ance of frosty weather.
5	Fri.	38	47	37	49	5 49	1 12					The change that now comes
6	Sat.	38	48	34	49	5 26	2 4					will be cold rain, S. or S.W
7	C.	6 34	5 49	6 33	5 50	5 3	3 1					4th Sunday in Lent.
8	Mon.	31	51	31	51	4 39	3 47					Weather milder, but we shall
9	Tues.	29	53	29	53	4 16	4 30					have stormy winds with
10	Wed.	27	54	27	55	3 52	5 6					snow or very cold rain for
11	Thu.	25	55	25	56	3 29	5 38					some days about now.
12	Fri.	24	56	23	57	3 5	6 7					Frequent falls of snow or
13	Sat.	22	58	22	58	2 42	Sets.					showers of rain. Dull, very.
14	C.	6 20	5 59	6 20	6 1	2 18	7 28					5th Sunday in Lent.
15	Mon.	18	6 1	18	2	1 54	8 25					Heavy winds, blustering &
16	Tues.	16	2	13	3	1 31	9 24					cheerless with rain or snow
17	Wed.	14	3	15	4	1 7	10 24					ST. PATRICK'S DAY.
18	Thu.	12	4	12	6	0 43	11 24					The weather settles and now
19	Fri.	10	5	10	7	0 20	Morn.					we have it much warmer
20	Sat.	9	7	9	8	N. 3	0 24					and spring like.
21	C.	6 7	6 8	6 6	6 9	0 27	1 22					Sunday before Easter.
22	Mon.	5	9	5	11	0 51	2 19					Monday before Easter.
23	Tues.	3	11	3	12	1 14	3 10					Tuesday before Easter.
24	Wed.	1	13	1	13	1 38	3 59					Wednesday before Easter.
25	Thu.	5 59	15	5 59	14	2 1	4 43					Annunciation of V. Mary.
26	Fri.	57	16	58	16	2 25	5 22					GOOD FRIDAY.
27	Sat.	55	17	58	17	2 48	Rises.					Easter-Even.
28	C.	5 53	6 18	5 54	6 14	3 12	7 39					EASTER DAY.
29	Mon.	52	19	53	20	3 35	8 42					Monday in Easter week.
30	Tues.	50	20	51	21	3 58	9 52					Changeable.
31	Wed.	48	21	49	21	4 22	10 57					Month ends like spring.

MARCH.—The American Stock Journal speaks very highly of the Berkshire breed of swine. These swine are black, not a very serious fault. They mature early, fatten well on limited quantities of food, and are excellent breeders. It is claimed that they are less liable to disease than any other breed, and that their flesh is the most delicate pork, while the live animal is the most hardy. They have grown to an immense size, and are a good breed for crossing with others. In England the Suffolks are considered the most profitable breed. They have most of the good qualities of the Berkshire and are not black. If well kept and taken care of they will make the best selling pork. They were until lately the leading breed in America.

ENVELOPES, NOTE AND LETTER PAPER.

1869

MEMORANDUM FOR MARCH.

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Meeting with Dr. Pyerson, in Bath

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Two trains a day commenced running

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Water beginning to rise slightly

Paper Store of JOHN HART.

PREPARE YOUR HOT BEDS FOR SOWING SEEDS,

4th Month.

APRIL, 30 Days. Begins on Thursday.

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.	
Third Quarter	.....	3	4 0 ev.	3 54 ev.	3 42 ev.	3 30 ev.	3 22 ev.			
New Moon	.....	11	8 59 ev.	8 53 ev.	8 41 ev.	8 29 ev.	8 21 ev.			
First Quarter	.....	19	10 18 mo.	10 12 mo.	10 0 mo.	9 48 mo.	9 40 mo.			
Full Moon	.....	26	1 33 mo.	1 27 mo.	1 15 mo.	1 3 mo.	0 55 mo.			

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	Thur.	5 46	6 22	5 47	6 21	4 45	12 0	1	12	3 48
2	Fri.	44	23	46	22	5 8	Morn.	9	12	1 29
3	Sat.	42	24	44	23	5 31	0 56	17	11	59 26
4	C.	5 41	6 25	5 42	6 25	5 53	1 46	25	11	57 43
5	Mon.	39	27	40	27	6 16	2 29	Calendar, Aspects, &c.		
6	Tues.	37	29	38	28	6 39	3 7	ALL FOOLS' DAY, so called.		
7	Wed.	35	30	36	29	7 1	3 41	April opens with wildness and tendencies to rain.		
8	Thur.	33	31	35	30	7 24	4 11	1st Sunday after Easter.		
9	Fri.	32	32	33	32	7 46	4 39	Pleasant day for the season.		
10	Sat.	30	33	31	33	8 8	5 7	Very agreeable weather.		
11	C.	5 28	6 34	5 28	6 34	8 30	5 33	Some high winds about now, with sleety showers.		
12	Mon.	26	35	26	35	8 52	6 29	Fair and not cold.		
13	Tues.	24	37	24	36	9 14	8 20	Spring appears promising.		
14	Wed.	22	38	23	37	9 36	9 19	2nd Sunday after Easter.		
15	Thur.	20	40	21	39	9 57	10 19	This quarter of the Moon may be looked for as bringing a wet time. Rain, and still it rains with wind.		
16	Fri.	18	42	20	40	10 18	11 18	Now fairer and some frost.		
17	Sat.	17	43	18	41	10 39	Morn.	Never fear, spring comes.		
18	C.	5 15	6 43	5 15	6 42	11 0	0 14	3rd Sunday after Easter.		
19	Mon.	13	45	14	43	11 21	1 7	Moon changes to-day, and there will be high winds.		
20	Tues.	11	47	13	44	11 42	1 55	Rain is at hand. You may look for warmth.		
21	Wed.	10	48	11	45	12 2	2 39	ST. GEORGE'S DAY.		
22	Thur.	8	49	9	46	12 22	3 18	A very pleasant day.		
23	Fri.	6	50	8	47	12 4	3 54			
24	Sat.	5	51	7	48	13 2	4 29			
25	C.	5 3	6 58	5 5	6 49	13 21	Rises.	4th S. aft. Easter & St. Marks.		
26	Mon.	2	55	4	50	13 41	7 27	We foresee a pleasant ending of this month.		
27	Tues.	5 00	57	3	51	14 0	8 37	It has not been a very promising Moon, but since the full the days are fine.		
28	Wed.	4 58	58	2	53	14 19	9 44			
29	Thur.	58	59	1	54	14 37	10 45			
30	Fri.	55	7 00	4 59	55	14 56	11 40			

APRIL.—Some kinds of manure are more liable to be injured by what is called firefang than others. Horse manure, if allowed to lie in considerable quantities, is apt to undergo the process of fermentation under a high heat, when it assumes a mouldy whitish appearance and becomes very light. It suffers an immense loss, so much so that its virtue is gone, and as compared with unheated manure, it will produce scarcely any appreciable effect. The fertilizing qualities, especially ammonia, are thrown off, and the mass is left inert and useless. In the management of manures, therefore, care should be taken to prevent too great a heat, by composting and forking over. Loam and muck, if mixed freely under the stables, will preserve the heap, prevent fire-fanging, and thus prove very useful. Compost the manure heap through the winter when opportunity serves.

Early Cabbages, &c., &c. Seeds, Fresh

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FOR EARLY FLOWERS, CELERY, CAULIFLOWERS.

1869] MEMORANDUM FOR APRIL.

- 1 *Letting out seeds*
- 2 *Letting out seeds*
- 3 *Letting out seeds*
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- 12 *Sowed*
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- 24 *Sowed seeds in hotbed*
- 25
- 26
- 27 *Watered up*
- 28
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And genuine, at the "Perth Seeds Store."

A GENERAL ASSORTMENT OF FRESH

5th Month.

MAY, 31 Days.

Begins on Saturday.

Moon's Phases.	Quebec.	Montreal.	Perth.	Toronto.	London.
Third Quarter.....	D. 8 h. 8 58 mo.	h. m. 8 47 mo.	h. m. 8 35 mo.	b. m. 8 23 mo.	h. m. 8 17 mo.
New Moon.....	11 11 19 mo.	11 13 mo.	11 1 mo.	10 49 mo.	10 41 mo.
First Quarter.....	18 4 41 ev.	4 35 ev.	4 23 ev.	4 11 ev.	4 3 ev.
Full Moon.....	25 10 35 mo.	10 29 mo.	10 17 mo.	10 5 mo.	9 57 mo.

M. Week.	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 54	7 00	4 58	6 56	15 14	Morn.		Calendar, Aspects, &c.	
2 C.	4 53	7 1	4 57	6 57	15 32	0 26		5th Sunday after Easter.	
3 Mon.	51	8	55	69	15 49	1 7		Fine days, but the weather	
4 Tues.	50	4	54	7 00	16 7	1 42		will be very changeable	
5 Wed.	49	5	53	1	16 24	2 13		for some days about now.	
6 Thur.	47	7	51	2	16 41	2 43		ASCENSION DAY.	
7 Fri.	45	8	49	3	16 57	3 10		Warm and seasonable.	
8 Sat.	43	9	48	4	17 13	3 38		Fine seed time past.	
9 C.	4 41	7 10	4 47	7 5	17 29	4 3		Sunday after Ascension.	
10 Mon.	40	11	46	6	17 45	4 38		Almost a summer day.	
11 Tues.	39	12	45	7	18 0	Sets.		Some high winds and pas-	
12 Wed.	37	13	44	8	18 16	8 12		sing showers. Grass is	
13 Thur.	36	15	42	10	18 30	9 12		growing finely, and the	
14 Fri.	34	16	41	12	18 45	10 11		hay crops will be good	
15 Sat.	33	17	40	13	18 59	11 6		and strong.	
16 C.	4 32	7 18	4 39	7 14	19 13	11 55		WHITSUNDAY.	
17 Mon.	31	19	38	15	19 26	Morn.		Monday in Whitsun-week.	
18 Tues.	30	20	37	16	19 40	0 40		Fair and steady for a few	
19 Wed.	29	21	36	17	19 52	1 19		days. Indeed, this week	
20 Thur.	28	22	35	19	20 05	1 55		is very good for all out-	
21 Fri.	27	23	34	20	20 17	2 29		door work.	
22 Sat.	27	24	33	21	20 29	3 2		Look after the gardens.	
23 C.	4 26	7 25	4 32	7 22	20 40	3 35		TRINITY SUNDAY.	
24 Mon.	25	27	31	23	20 52	4 12		Frequent showers, and	
25 Tues.	24	28	31	24	21 2	Rises.		about the middle of the	
26 Wed.	23	29	30	25	21 13	8 29		week heavy rains with	
27 Thur.	22	30	29	25	21 23	9 23		wind. The warm days	
28 Fri.	21	31	28	26	21 32	10-19		are seasonable and there	
29 Sat.	21	32	28	26	21 42	11 3		are smiles overhead.	
30 C.	4 20	7 33	4 27	7 26	21 51	11 42		1st Sunday after Trinity.	
31 Mon.	20	34	27	27	21 59	Morn.		Month ends beautifully.	

MAY.—In a recent discussion before the Herkimer County Farmers Club Judge Owen gave his views on the influence of various kinds of feed for cows in order to the production of butter. He did not think turnips of much value in this respect—much less than potatoes, which were regarded as beneficial for a change. The best results had been produced by feeding Indian Meal—about two quarts twice a day to each cow. A number of experiments were made in preparing the meal, but the best results followed from feeding it in a dry state. With this quantity of meal and a small allowance of hay, a Holderness cow produced fourteen pounds of butter per week. The highest point reached was forty-one pounds in fifteen days, besides thirty quarts of milk in the meantime for family use.

Timothy and Clover Seed

FRESH
Saturday.

AND GENUINE GARDEN SEEDS.

1869]

MEMORANDUM FOR MAY.

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- 2 Water at highest point
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- 6 Sowed Round leafed Rutabaga in yard
- 7 Sowed lilies in pots.
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- 10 Sowed Asparagus Carrots Broccoli Rutabaga & Beans at field.
- 11 Sowed Beans beans & 1 red heat
- 12 Water windows taken off
- 13
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- 17 Sowed beans Asparagus Black testaceous peaches &c.
- 18
- 19 Flowers in pots put out.
- 20 Peaches and first time Sowed peas at field felt press
- 21 Sowed peas peas seeds Sowed broccoli squashes &c. & 2 row corn
- 22 Sowed corn & pumpkins & 1 large potatoes
- 23
- 24 Sowed a small flower seeds.
- 25 Planting potatoes. Sowed flower seeds
- 26 Set out Marigold & sunflower
- 27
- 28 Set out tomatoes & more sunflowers and down stems
- 29 Set out broccoli seeds & fruit tree.
- 30
- 31 Took down peas.

For sale by JOHN HART, Seedman, &c.

GET THE NEW PROGRESSIVE HEADLINE COPY

6th Month.

JUNE, 30 Days. Begins on Tuesday.

Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Third Quarter.....	2	2	33 mo.	2	27 mo.	2	15 mo	2	3mo.		
New Moon.....	9	11	4 ev.	10	58 ev.	10	46 ev.	10	34 ev.	10	28 ev.
First Quarter.....	16	9	27 ev.	9	21 ev.	9	9 ev.	8	57 ev.	8	49 ev.
Full Moon.....	23	8	51 ev.	8	45 ev.	8	33 ev.	8	21 ev.	8	13 ev.

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.		1	11	57 34
										9	11	58 58
										17	12	0 38
										25	12	2 21
										Calendar, Aspects, &c.		
1	Tues.	4 20	7 34	4 27	7 28	22	7	0	15	Very cool for June, and there will be frequent showers. No very great winds at present, but the week is changeable.		
2	Wed.	20	36	27	29	22	15	0	45			
3	Thur.	19	37	26	31	22	22	1	12			
4	Fri.	19	37	26	31	22	29	1	39			
5	Sat.	18	38	25	32	22	36	2	4			
6	C.	4 17	7 39	4 24	7 32	22	42	2	33	2nd Sunday after Trinity.		
7	Mon.	17	40	24	34	22	48	3	3	Another fine day, and yet another.		
8	Tues.	17	41	24	34	22	54	3	38			
9	Wed.	17	42	24	35	22	59	4	17	The aspects are fair and promise fairly.		
10	Thur.	17	42	24	36	22	8	Sets.		St. Barnabas.		
11	Fri.	17	43	24	36	22	7	9	0	Very fine day.		
12	Sat.	16	43	23	36	22	11	9	58			
13	C.	4 16	7 44	4 23	7 37	23	15	10	40	3rd Sunday after Trinity.		
14	Mon.	16	44	23	37	23	17	11	21	Changeable. The barometer falls, and there will be rain to-day.		
15	Tues.	16	44	23	38	23	20	11	59	To-day and at night some change with a sultry air.		
16	Wed.	16	46	23	38	23	22	Morn.		Warm.		
17	Thur.	16	46	23	39	23	24	0	32			
18	Fri.	16	46	23	39	23	25	1	5			
19	Sat.	16	46	23	39	23	26	1	38			
20	C.	4 16	7 47	4 23	7 40	23	27	2	10	4th Sunday after Trinity.		
21	Mon.	16	47	24	40	23	27	2	40	Thunder in the distance.		
22	Tues.	17	47	25	40	23	26	3	27	The heat increases and the season is dry.		
23	Wed.	17	47	25	39	23	23	Rises.		St. JOHN'S DAY.		
24	Thur.	18	47	25	39	23	25	8	10	Changeable, and now you may expect rain.		
25	Fri.	18	47	25	39	23	23	8	58			
26	Sat.	18	46	25	39	23	21	9	39			
27	C.	4 19	7 46	4 26	7 39	23	19	10	15	5th Sunday after Trinity.		
28	Mon.	19	46	26	39	23	16	10	47	A fine warm day.		
29	Tues.	20	46	25	38	23	13	11	14	St. Peter's Day.		
30	Wed.	20	46	25	38	23	9	11	40	This day will be fine.		

JUNE.—If you have not had time to clean up about the farm and house since spring set in, perhaps you may have time about now. One often sees about the barn yard of some farmers, old waggons, wheels, lumber, wood scattered about, logs lying by the road side, and many other things which tend to make the place present a very disagreeable appearance. Why not be tidy and clean about the premises; set things to rights; make the place look better than ever before. Then inside the house perhaps the kitchen or some other room wants a little white wash. Perhaps the wife or daughter wants a room or two papered. Possibly the house or windows need a little paint outside or in. It pays better in the long run to do all such things at the right time. None know better than the Farmer that a stitch in time saves nine, yes, even ninety-nine, and often nine hundred and ninety-nine.

- 1 Board meets at Hamilton.
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- 25 Board of Pub. Instruction meets
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- 30 First ripe Strawberries

Of twelve numbers, at HART'S Bookstore.

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IN THE EARLY PART OF THIS MONTH
JULY, 31 Days. Begins on Thursday.

7th Month.

Moon's Phases.		Quebec.	Montreal.	Per'h.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
Third Quarter.....	1	7 58 ev.	7 52 ev.	7 49 ev.	7 28 ev.	7 20 ev.
New Moon.....	9	8 50 mo.	8 44 mo.	8 32 mo.	8 20 mo.	8 12 mo.
First Quarter.....	16	1 59 mo.	1 53 mo.	1 42 mo.	1 30 mo.	1 22 mo.
Full Moon.....	23	9 6 mo.	9 0 mo.	8 48 mo.	8 36 mo.	8 28 mo.
Third Quarter.....	31	0 18 ev.	0 13 ev.	11 59 mo.	11 48 mo.	11 40 mo.

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	12	3 34
								9	12	4 56
								17	12	5 51
								25	12	6 12

		h. m.		h. m.		h. m.		Deg. Min.		h. m.		Calendar, Aspects, &c.
1	Thu.	4 20	7 46	4 27	7 39	23 5	Morn.					Fair if wind be N. E. but if wind be S. W. look out for rain, and then heat.
2	Fri.	21 46	28 28	21 46	28 28	23 1	0 7					
3	Sat.	23 46	29 29	23 46	29 29	22 56	0 34					
4	C.	4 23	7 45	4 30	7 38	22 51	1 3					8th Sunday after Trinity.
5	Mon.	23 45	30 39	23 45	30 39	22 45	1 35					The heat not intense, but it is dry and warm.
6	Tues.	24 44	31 38	24 44	31 38	22 39	2 16					Crop prospects so far good.
7	Wed.	25 44	32 38	25 44	32 38	22 32	2 53					Changeable, still warm.
8	Thu.	26 44	33 37	26 44	33 37	22 26	3 48					Unsettled day, and this day the same.
9	Fri.	27 44	34 36	27 44	34 36	22 18	Sets.					
10	Sat.	28 43	34 36	28 43	34 36	22 11	8 34					
11	C.	4 26	7 48	4 34	7 36	22 3	9 20					7th Sunday after Trinity.
12	Mon.	30 42	34 35	30 42	34 35	21 55	9 59					Thunder and lightning.
13	Tues.	30 41	35 34	30 41	35 34	21 46	10 35					Some gales of wind.
14	Wed.	31 41	36 34	31 41	36 34	21 37	11 7					Heavy rain about now.
15	Thu.	32 41	37 33	32 41	37 33	21 27	11 40					St. Swithin's Day.
16	Fri.	33 40	38 32	33 40	38 32	21 18	Morn.					Fair and settled.
17	Sat.	33 39	39 32	33 39	39 32	21 7	0 13					Very warm day.
18	C.	4 34	7 38	4 40	7 31	20 57	0 48					8th Sunday after Trinity.
19	Mon.	35 37	41 30	35 37	41 30	20 46	1 26					No great change, but there are approaching changes, ending with some refreshing showers.
20	Tues.	36 36	42 29	36 36	42 29	20 35	2 9					The weather is now quite settled and agreeable.
21	Wed.	37 35	43 29	37 35	43 29	20 23	2 57					
22	Thu.	38 34	44 28	38 34	44 28	20 11	3 48					
23	Fri.	39 33	45 27	39 33	45 27	19 59	Rises.					
24	Sat.	40 32	46 26	40 32	46 26	19 46	8 13					
25	C.	4 41	7 31	4 47	7 25	19 33	8 47					9th Sunday after Trinity.
26	Mon.	42 30	47 24	42 30	47 24	19 20	9 16					Fine warm day, not extremely warm, but generally fair and fine.
27	Tues.	43 30	48 23	43 30	48 23	19 7	9 44					Some showers to-day.
28	Wed.	43 28	49 22	43 28	49 22	18 53	10 8					Now again there will be pleasant weather.
29	Thu.	44 27	50 21	44 27	50 21	18 39	10 33					
30	Fri.	46 26	51 21	46 26	51 21	18 24	11 4					
31	Sat.	47 25	52 20	47 25	52 20	18 9	11 33					

JULY.—The Strawberry seems to adapt itself to a wide range of soil and location, but there are some conditions that should be avoided. For early berries, select a warm southern exposure, and plant on such a spot the early varieties. Almost any soil that will produce a good crop of garden vegetables will do for strawberries. Always avoid a wet piece of ground, peas, meadow, or other low place, for on such land, though a large growth of foliage may be obtained and possibly a fair crop of fruit, the berries will be of light colour, soft, of poor flavour. On low wet lands there will also be danger from water and ice in winter. Avoid very dry ground, as the crop may be lessened by hot dry weather, and it may be cut off altogether.

For a supply of which

ONTH
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SOW TURNIP SEEDS FOR LATE CROPS.

1869]

MEMORANDUM FOR JULY.

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Come to HART'S Seed Store.

DYE-STUFFS, MADDER EXTRACT OF LOGWOOD, CUDBEAR,

8th Month.

AUGUST, 31 Days. Begins on Sunday.

Moon's Phases.	Quebec.		Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	7	5 20 ev.	5 14 ev.	5 2 ev.	4 50 ev.	4 42 ev.
First Quarter.....	14	7 58 mo.	7 47 mo.	7 35 mo.	7 23 mo.	7 15 mo.
Full Moon.....	21	11 35 ev.	11 29 ev.	11 17 ev.	11 5 ev.	10 57 ev.
Third Quarter.....	30	3 10 mo.	3 4 mo.	3 53 mo.	2 40 mo.	2 33 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.					North.	E. & S.					
					Deg. Min.	h. m.					
1 C.	4 48	7 24	4 54	7 18	17 54	Morn.	Calendar, Aspects, &c.				
2 Mon.	50	22	55	17	17 39	0 6	10th Sunday after Trinity.				
3 Tues.	51	21	56	16	17 23	0 44	August opens with a pleasant prospect for the farmers of Canada.				
4 Wed.	52	20	57	15	17 7	1 30	The alternate rains and sunshine have brought on the crops finely.				
5 Thur.	53	19	58	14	16 51	2 23					
6 Fri.	55	17	59	13	16 34	3 24					
7 Sat.	56	16	5 0	12	16 18	4 31					
8 C.	4 57	7 14	5 1	7 10	16 0	Sets.	11th Sunday after Trinity.				
9 Mon.	58	12	2	8	15 43	8 32	Fair and fine.				
10 Tues.	59	11	3	7	15 26	9 8	Continues fair				
11 Wed.	5 1	9	5	6	15 8	9 42	Quite warm but not extreme. The season of harvesting hay and grain not so far forward as in 1868.				
12 Thur.	2	8	6	4	14 50	10 16					
13 Fri.	3	7	7	3	14 31	10 59					
14 Sat.	4	5	8	1	14 13	11 27					
15 C.	5 5	7 3	5 9	6 59	13 54	Morn.	12th Sunday after Trinity.				
16 Mon.	6	2	10	58	13 35	0 8	Warm and dry.				
17 Tues.	7	1	11	57	13 16	0 58	Some considerable wind.				
18 Wed.	8	6 59	12	56	12 57	1 44	Occasional showers.				
19 Thur.	9	57	13	54	12 37	2 38	Very cool evenings, but warm days.				
20 Fri.	11	55	14	52	12 17	3 55	Seasonable time.				
21 Sat.	12	54	16	50	11 57	Rises.					
22 C.	5 13	6 52	5 17	6 49	11 37	7 18	13th Sunday after Trinity.				
23 Mon.	14	50	18	47	11 17	7 47	Changeable aspects.				
24 Tues.	16	48	19	46	10 56	8 13	St. Bartholomew.				
25 Wed.	18	46	20	44	10 36	8 39	More settled now, and you look for fair and fine days with very cool nights.				
26 Thur.	19	45	21	43	10 15	9 5	Pleasant fine day.				
27 Fri.	20	43	22	40	9 54	9 38					
28 Sat.	21	41	24	38	9 33	10 4					
29 C.	5 22	6 40	5 25	6 37	9 11	10 40	14th Sunday after Trinity				
30 Mon.	23	38	26	36	8 50	11 21	Cool and showery.				
31 Tues.	24	35	27	34	8 28	Morn.	Very pleasant day.				

AUGUST.—It is sometimes observable that fruit trees, even the varieties having well established habits of productiveness—are a long time in coming into bearing, or bear sparingly. This is an indication that the tree is receiving too high cultivation, in which case, the forces are expended in rapid growth, and in the formation of leaf-buds instead of fruit-buds. The remedy lies in whatever course tends to retard the circulation of the sap, inducing the production of flower, instead of leaf-buds. Cessation of manuring, and the neglect of cultivation will bring the tree into bearing. Other measures are sometimes resorted to, such as root pruning, pruning in midsummer, bending down the branches, etc. The two latter have been tried with good effect. Judgment should be exercised as to the cause of unfruitfulness.

Coloring Recipes, giving full directions

SCARLET, LIQUID, MAGENTA, &c.

1869]

MEMORANDUM FOR AUGUST.

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For coloring, to be had gratis at HART'S and see page 40.

PAINTS, OILS, VARNISH, TURPENTINE,

9th Month. **SEPTEMBER, 30 Days.** Begins on Wednesday.

Moon's Phases.		Quebec.		Montreal.		Perth.		Toronto.		London.	
	D.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
New Moon	6	1	18 mo.	1	12 mo.	12	0 mo.	0	48 mo.	0	40 mo.
First Quarter	12	4	35 ev.	4	29 ev.	4	17 ev.	4	5 ev.	3	57 ev.
Full Moon	20	3	53 ev.	3	47 ev.	3	35 ev.	3	23 ev.	3	15 ev.
Third Quarter	28	4	22 ev.	4	16 ev.	4	4 ev.	3	52 ev.	3	44 ev.

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. Min.	h. m.				
1	Wed.	5 23	6 31	5 27	6 33	8 6	0 9				Changeable, but cool and pleasant for a few days.
2	Thur.	23	32	23	32	7 44	1 4				Windy.
3	Fri.	23	30	30	29	7 22	2 8				Nights cool, frosty air.
4	Sat.	30	28	31	28	7 0	3 17				
5	C.	5 31	6 26	5 32	6 26	6 38	4 30				15th Sunday after Trinity.
6	Mon.	32	24	34	25	6 15	5 15				Fair weather and so continues until to-day brings a change.
7	Tues.	33	23	35	23	5 53	7 87				High winds and showers.
8	Wed.	35	21	36	21	5 30	8 12				A finer day than last, and still finer now.
9	Thur.	38	19	37	20	5 8	8 48				
10	Fri.	37	17	38	18	4 45	9 25				
11	Sat.	38	16	39	16	4 22	10 5				
12	C.	5 40	6 14	5 40	6 15	3 59	10 51				16th Sunday after Trinity.
13	Mon.	42	12	41	13	3 36	11 39				Cool and fine, but barometer falls and you may look for a shower, which comes, but not heavily, and now is very pleasant
14	Tues.	43	10	42	11	3 13	Morn.				Continues fine.
15	Wed.	44	7	43	9	2 50	0 34				
16	Thur.	45	6	45	8	2 27	1 30				
17	Fri.	46	4	46	7	2 8	2 28				
18	Sat.	48	2	47	5	1 40	3 28				
19	C.	5 49	6 1	5 48	6 3	1 17	4 24				17th Sunday after Trinity.
20	Mon.	50	5 58	49	1	0 58	Rises.				A changeable week.
21	Tues.	51	56	50	5 67	0 30	6 42				St. Matthews day.
22	Wed.	52	57	52	56	0 7	7 8				Fair to-day and fine this day, but the aspects are not on the whole pleasant.
23	Thur.	54	55	52	54	8. 16	7 34				
24	Fri.	56	53	53	52	0 39	8 5				
25	Sat.	56	52	54	50	1 2	8 38				
26	C.	5 57	5 50	5 55	5 49	1 28	9 16				18th Sunday after Trinity.
27	Mon.	59	47	57	47	1 49	10 0				Feels like fall weather, and is wet to-day.
28	Tues.	6 00	44	59	45	2 13	10 51				
29	Wed.	1	42	6 00	43	2 38	11 50				St. Michael and all Angels.
30	Thur.	2	40	1	40	2 59	Morn.				Fair and fine.

SEPTEMBER.—Onions have sold at very good prices, quite remunerative. If the maggot lets them alone, a good crop can be easily raised, and made to yield bountifully. Before the maggot nuisance was known, four or five hundred bushels to the acre was not considered a remarkable crop. Old, mellow, rich land is best. Onions are an exception to the ordinary rule, and seem to do better year after year on the same land. Manure heavily with well rotted manure. Ashes are also good for this crop. Sow as early as the ground is in condition, using plenty of seed so as to allow some plants for the maggots. It is easier and better to thin them out, than to put them in later in the season. This note may be read in March.

Full Directions how to use them,

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GLASS, PUTTY, BRUSHES, &c., WITH

1869]

MEMORANDUM FOR SEPTEMBER.

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For sale at HART'S Store, Perth, Ontario.

SEE THAT YOU ARE WELL SUPPLIED WITH
10th Month. OCTOBER, 31 Days. Begins on Friday.

Moon's Phases.		Quebec.	Montreal.	Pertb.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	5	9 31 mo.	9 25 mo.	9 13 mo.	9 1 mo.	8 58 mo.
First Quarter.....	12	5 14 mo.	5 8 mo.	4 56 mo.	4 44 mo.	4 36 mo.
Full Moon.....	20	9 9 mo.	9 3 mo.	8 51 mo.	8 39 mo.	8 31 mo.
Third Quarter...	28	3 46 mo.	3 40 mo.	3 28 mo.	3 16 mo.	3 8 mo.

M.	Week.	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	Fri.	6 8	5 36	6 2	5 38	3 23	0 54	A cool day, but fine.		
2	Sat.	4	36	3	36	3 46	2 4	Fair and cool.		
3	C.	6 5	5 34	6 4	5 34	4 9	3 17	19th Sunday after Trinity.		
4	Mon.	7	32	5	38	4 32	4 33	Weather changeable.		
5	Tues.	8	30	6	32	4 56	Sets.	Tendency to rain now, and to-day if wind West.		
6	Wed.	9	27	7	29	5 19	6 41	Considerable wind, with rain storm.		
7	Thur.	11	25	8	27	5 42	7 16	The day fine and cool.		
8	Fri.	12	24	9	26	6 5	7 57			
9	Sat.	18	21	10	24	6 27	8 42			
10	C.	6 14	5 20	6 11	5 22	6 50	9 32	20th Sunday after Trinity.		
11	Mon.	15	19	12	20	7 18	10 25	You may look for a good deal of rain, and it will be cold enough for snow in Quebec.		
12	Tues.	16	17	14	19	7 35	11 13	Cold winds prevail.		
13	Wed.	18	14	15	17	7 58	Morn.	Cool fine day.		
14	Thur.	20	12	16	15	8 20	0 21			
15	Fri.	21	9	17	13	8 42	1 19			
16	Sat.	23	7	19	12	9 5	2 18			
17	C.	6 24	5 5	6 20	5 9	9 27	3 16	21st Sunday after Trinity.		
18	Mon.	25	4	21	8	9 48	4 13	St. Luke the Evangelist.		
19	Tues.	26	2	22	6	10 10	5 11	Very pleasant day.		
20	Wed.	28	1	24	5	10 32	Rises.	Changeable now.		
21	Thur.	29	4 59	25	3	10 58	6 7	Some rain with sleet.		
22	Fri.	31	57	27	2	11 14	6 40	Everybody says it is chilly fall weather.		
23	Sat.	32	55	28	4 59	11 35	7 15			
24	C.	6 33	4 53	6 29	4 58	11 56	7 56	22nd Sunday after Trinity.		
25	Mon.	35	52	30	57	12 17	8 46	Very cool day, but the frosts have not been very severe as yet.		
26	Tues.	36	50	31	56	12 37	9 40			
27	Wed.	38	49	32	54	12 58	10 40			
28	Thur.	39	47	33	53	13 18	11 46	Sts. Simon and St. Jude.		
29	Fri.	41	46	35	52	13 38	Morn.	It is cold, with clouds and showers of rain.		
30	Sat.	42	46	38	50	13 57	0 56			
31	C.	6 43	4 45	6 40	4 48	14 17	2 9	23rd Sunday after Trinity.		

OCTOBER.—A raw mellow apple is digested in an hour and a half, while boiled cabbages require five hours. The most healthful dessert that can be placed on the table is a baked apple. If eaten frequently at breakfast, with coarse bread and butter, without meat or flesh of any kind, it has admirable effect on the general system, often removing constipation, correcting acidities, and cooling off febrile conditions more effectually than the most approved medicines. If families could be induced to substitute apples—sound and ripe—for pies, cakes, and sweet-meats, with which children are too frequently indulged, there would be a diminution in the sum total of the Doctor's bills, in a single year, sufficient to lay in a stock of delicious apples for a whole season's use.

COAL OIL LAMPS,—A COMPLETE

1869]

MEMORANDUM FOR OCTOBER.

28

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Shades, Oil, &c., for sale cheap, JOHN HART.

FOR NEWSPAPERS, PERIODICALS, MAGAZINES, AGRICULTURAL

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

Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto.	London.
	D.	h. m.	h. m.	h. m.	h. m.	h. m.
New Moon.....	3	6 47 ev.	6 41 ev.	6 29 ev.	5 17 ev.	6 9 ev.
First Quarter.....	10	10 7 ev.	10 1 ev.	9 49 ev.	9 37 ev.	9 29 ev.
Full Moon.....	19	2 30 mo.	2 24 mo.	2 12 mo.	2 0 mo.	1 52 mo.
Third Quarter.....	26	1 26 ev.	1 20 ev.	1 8 ev.	0 56 ev.	0 48 ev.

M. Week.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.		
	Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.	South.	R. & S.	D.	h. m. a.	
							1	11 43 41	
							9	11 44 0	
							17	11 45 13	
							25	11 47 18	

1	Mon.	h. m.		h. m.		Deg. Min.	h. m.	Calendar, Aspects, &c.		
		6 44	4 44	6 41	4 47			14 36	3 21	ALL SAINTS DAY.
2	Tues.	46	42	43	45	14 55	4 35	The first part of this month will be fair and frosty.		
3	Wed.	48	40	44	44	15 14	5 50	If the wind be S. or S. W. there will be cold rain and some snow.		
4	Thur.	49	39	45	48	15 33	Sets.			
5	Fri.	50	37	47	41	15 51	6 31			
6	Sat.	52	36	48	40	16 9	7 19			
7	C.	6 54	4 34	6 49	4 39	16 27	8 13	24th Sunday after Trinity.		
8	Mon.	55	32	50	38	16 44	9 7	Changeable season.		
9	Tues.	56	31	51	36	17 1	10 9	A real cold spell may be looked for about now.		
10	Wed.	57	29	53	35	17 18	11 9	Morn. Sharp, crispy, frosty.		
11	Thur.	58	28	54	34	17 35	Morn.	Wind and storm.		
12	Fri.	7 00	27	55	33	17 51	0 9	Storm and wind.		
13	Sat.	1	26	56	32	18 7	1 8			
14	C.	7 3	4 25	6 58	4 31	18 22	2 6	25th Sunday after Trinity.		
15	Mon.	5	24	7 00	30	18 33	3 3	Something milder.		
16	Tues.	6	23	1	29	18 53	4 0	But now look out for a real snow storm.		
17	Wed.	7	22	2	28	19 7	4 58	Temperature moderate, but changeable.		
18	Thur.	8	21	3	27	19 22	5 57	Cool but pleasant.		
19	Fri.	11	20	5	27	19 36	Rises.			
20	Sat.	12	19	6	26	19 49	5 55			
21	C.	7 18	4 18	7 7	4 26	20 2	6 32	26th Sunday after Trinity.		
22	Mon.	14	18	8	25	20 15	7 34	Dry and cold.		
23	Tues.	16	17	10	24	20 18	8 30	Agreeably cold, not very severe, but the change that now comes brings damp snow and then a settled cold.		
24	Wed.	17	16	11	24	20 40	9 37			
25	Thur.	18	15	12	23	20 52	10 44			
26	Fri.	19	15	13	22	21 3	11 52			
27	Sat.	21	15	15	21	21 14	Morn.			
28	C.	7 22	4 14	7 16	4 21	21 25	1 3	Advent Sunday.		
29	Mon.	23	13	17	20	21 35	2 15	Some high wind and cold.		
30	Tues.	25	13	18	19	21 44	3 27	ST. ANDREW'S DAY.		

NOVEMBER.—About barns, should they be tight or open? There are differences of opinion. Some say the hay keeps better when the barn is open and airy. These say that the air circulating freely prevents the hay from heating and spoiling. Others say the hay will be sweeter and fresher if the building is kept quite tight, and all wind excluded. As to the comfort of animals there can be no dispute. They must suffer from loosely-jointed buildings called barns. We do not believe in allowing wide cracks or open joints even where hay is to be stowed, and should prefer to have hay stored in a tight place. But we would give the hay proper ventilation, and we believe that no barn should be built for storing hay or keeping cattle without such an arrangement as gives good ventilation.

On the Farm, or in General Literature, send cash orders to

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PAPER AND CHOICE WORKS OF FICTION OR BOOKS.

1869.]

MEMORANDUM FOR NOVEMBER.

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CALL AND SEE THE CHOICE ASSORTMENT OF FANCY

12th Month. **DECEMBER, 31 Days.** Begins on Wednesday.

Moon's Phases.		Quebec.	Montreal.	Perth.	Toronto.	London.
New Moon.....	D. 3	h. m. 5 53 mo.	h. m. 5 47 mo.	h. m. 5 35 mo.	h. m. 5 23 mo.	h. m. 5 15 mo.
First Quarter.....	10	6 28 ev.	6 17 ev.	6 5 ev.	5 53 ev.	5 45 ev.
Full Moon.....	18	7 2 ev.	6 56 ev.	6 44 ev.	6 32 ev.	6 24 ev.
Third Quarter.....	25	9 46 ev.	9 40 ev.	9 28 ev.	9 16 ev.	9 8 ev.

M.	Week.	Montreal.		Toronto.		Sun's Declinat.	The Moon.	Sun on Meridian.	
		Sun Rises.	Sun Sets.	Sun Rises.	Sun Sets.			D.	h. m. s.
						South.	R. & S.	1	11 49 24
								9	11 52 46
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		h. m.	h. m.	h. m.	h. m.	Deg. Min.	h. m.	Calendar, Aspects, &c.	
1	Wed.	7 26	4 12	7 19	4 19	21 54	4 40	December will be on the whole unpleasant.	
2	Thur.	26	12	21	19	22 3	5 54	Quite stormy and very changeable.	
3	Fri.	28	12	21	19	22 11	Sets.	.....
4	Sat.	29	11	22	18	22 19	5 55	2nd Sunday in Advent.	
5	C.	7 30	4 11	7 24	4 18	22 27	6 52	Wind and cold rain.	
6	Mon.	31	11	25	17	22 34	7 52	It may be snow, and the aspects are strong for a big snow storm before the middle of the month.	
7	Tues.	32	11	26	17	22 41	8 54	Hard frost.	
8	Wed.	33	11	27	17	22 47	9 55	.....
9	Thur.	35	11	28	18	22 53	10 56	3rd Sunday in Advent.	
10	Fri.	35	11	28	18	22 58	11 54	From the N. or N. E. wind expect a fair frosty time.	
11	Sat.	36	11	29	18	23 3	Morn.	If wind be S. or S. W., then heavy rain or more likely plenty of snow.	
12	C.	7 37	4 11	7 30	4 18	23 8	0 52	Very hard frost.	
13	Mon.	38	11	31	18	23 12	1 50	.....
14	Tues.	39	11	32	18	23 15	2 48	4th Sunday in Advent.	
15	Wed.	40	12	32	18	23 18	3 46	A plentiful supply of X'mas goods at Hart's about this time.	
16	Thur.	41	12	33	19	23 21	4 45	Between St. Thomas and Christmas day a change.	
17	Fri.	42	12	34	19	23 21	5 45	CHRISTMAS DAY.	
18	Sat.	42	12	34	20	23 25	Rises.	.....
19	C.	7 43	4 13	7 34	4 20	23 26	5 27	1st S after Xmas & S. Steph.	
20	Mon.	43	13	36	20	23 27	6 26	St. John the Evangelist.	
21	Tues.	44	14	36	20	23 27	7 29	Holy Innocents.	
22	Wed.	45	15	37	21	23 27	8 25	These three days about alike	
23	Thur.	45	16	37	21	23 26	9 45	Cold and frosty.	
24	Fri.	45	16	38	22	23 25	10 54	The year ending stormily.	
25	Sat.	45	16	38	23	23 23	Morn.	.....
26	C.	7 46	4 17	7 38	4 24	23 21	0 3	.....
27	Mon.	46	18	38	24	23 18	1 18	.....
28	Tues.	46	18	38	25	23 15	2 24	.....
29	Wed.	47	18	39	26	23 12	3 35	.....
30	Thur.	47	19	39	26	23 8	4 45	.....
31	Fri.	46	20	39	27	23 4	6 3	.....

DECEMBER.—To raise cream in winter, keep it moderately warm and add to each milking, or once a day, a little hot milk. Heat the milk almost to a boiling point;—heat it fresh from the cow. The quantity is a pint to a pailful to each milking. The effect of this is to prevent the cream from turning bitter; the buttermilk will be as sweet and fresh as in summer, and the butter will be better than without this treatment. We have this from an old experienced dairyman, who has practiced it for many years; and others have tried it successfully. It is a point that should be known, for there is much bad butter made in winter, and the buttermilk unfit to use.

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GOODS FOR HOLIDAY PRESENTS, ON SHOW AT THIS SEASON.
1869.]

MEMORANDUM FOR DECEMBER.

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At HART'S Fancy Store, Perth.

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 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 three sons and a daughter.

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 two sons and a daughter, Prince Albert Victor, born January 8, 1864, Prince George Frederick Ernest Albert, born June 3, 1865, Princess Louise Victoria Alexandria Dagmar, born February 20, 1867.

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 three daughters.

His Royal Highness Alfred-Ernest-Albert, Duke of Edinburgh, born August 6, 1844.

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

Her Royal Highness Louisa-Carolina-Alberta, born March 18, 1848.

His Royal Highness Arthur-William-Patrick-Albert, 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.

George-Frederick-William-Charles, K. G., **DUKE OF CAMBRIDGE**, cousin to her Majesty, born March 26, 1819.

Augusta-Wilhelmina Louisa, **DUCHESS OF CAMBRIDGE**, niece of the Landgrave of Hesse and aunt to Her Majesty, born July 25, 1797; married, in 1819, the late Duke of Cambridge.

George-Frederick-Alexander-Charles-Ernest-Augustus, K. G., **DUKE OF CUMBERLAND, EX-KING OF HANOVER**, cousin to Her Majesty, born May 27, 1819, married Princess Frederica of Mecklenburg-Strelitz, and has issue a son and two daughters.

Augusta-Caroline-Charlotte-Elizabeth-Mary-Sophia-Louisa, daughter of the late Duke of Cambridge and cousin to Her Majesty, born July 19, 1823, married June 28, 1843, to Frederick Grand Duke of Mecklenburg-Strelitz, and has a son.

Mary-Adelaide-Whilhelmina-Elizabeth, daughter of the late Duke of Cambridge, and cousin to Her Majesty, born November 27, 1833, married, June 12, 1866, Francis Paul, Prince of Teck, has issue one daughter.

Leopold II, **KING OF THE BELGIANS**, maternal cousin of the Queen, born April 9, 1835.

DOMINION OF CANADA.

GOVERNOR GENERAL.

His Excellency Sir John Young, K.C.B., C.G.M.

Governor General's Aides-de-Camp.—Denis Godley, Governor's secretary; Hon. R. Monck, military secretary and A.-de-C.; Lieut. Col. Irvine. A.-de-C.; Lieut. Col. Bernard, Lieut. Col. F. Cumberland, extra A.-de-C's.

Military.—Lieut. General Sir Charles Windham, K.C.B., commanding the Forces in Canada.

CONFEDERATE PARLIAMENT.

PRIVY COUNCIL.

Minister of Justice and Attorney General	Hon. Sir John A. Macdonald, K.C.B.
Minister of Militia	Hon. Sir G. E. Cartier.
Minister of Customs	Hon. S. L. Tilley, C.B.
Minister of Finance	Hon. John Ross.
Minister of Public Works	Hon. W. McDougall, C.B.
Minister of Inland Revenue	
Minister of Agriculture	Hon. J. C. Chapais.
Secretary of State for the Provinces	
President of the Privy Council	
Minister of Marine and Fisheries	Hon. Peter Mitchell.
Postmaster General	Hon. A. Campbell.
Secretary of State for Canada	Hon. H. L. Langevin.
Receiver General	Hon. Edward Kenny.

OFFICERS.

Clerk of the Privy Council	W. H. Lee.
Asst. " " "	W. A. Himsworth.

SENATE.

HON. MR. CAUCHON, SPEAKER.

Consists of 24 Senators from Ontario.				
“	24	“	“	Quebec.
“	12	“	“	Nova Scotia.
“	12	“	“	New Brunswick.

SENATORS—LANARK.

Hon. R. Matheson, Perth, P. O., Hon. James Shaw, Smith's Falls, P. O.

HOUSE OF COMMONS,

Consists of 181 members—Ontario 82, Quebec 65, Nova Scotia 19,
New Brunswick 15.

HON. JAMES COCKBURN, SPEAKER.

MEMBERS—LANARK AND RENFREW.

Alexander Morris, South Riding, Lanark, Perth, P. O.
Hon. W. McDougall, North Riding, Lanark, Minister of Public Works.
John Rankin, North Riding, Renfrew, Beachburgh, P. O.
D. McLaughlin, South Riding, Renfrew, Arnprior, P. O.

PROVINCIAL LEGISLATURES.

PROVINCE OF ONTARIO.

SEAT OF GOVERNMENT—TORONTO

LIEUTENANT GOVERNOR—Hon. W. P. Howland, C.B.

EXECUTIVE COUNCIL.

The Hon. J. S. Macdonald, Premier and Attorney General.
" John Carling, Agricultural and Public Works Commissioner.
" S. Richards, Crown Land Commissioner.
" M. C. Cameron, Secretary.
" Ed. Burke Wood, Treasurer.

MEMBERS—LANARK AND RENFREW.

W. M. Shaw, South Riding, Lanark, Perth, P. O.
D. Galbraith, North Riding, Lanark, Almonte, P. O.
John Supple, sen., North Riding, Renfrew, Pembroke, P. O.
John L. McDougall, South Riding, Renfrew, Renfrew, P. O.

PROVINCE OF QUEBEC.

SEAT OF GOVERNMENT—QUEBEC.

Lieutenant-Governor—Hon. Sir NARCISSE FORTUNAT BELLEAU, Knight; Geo. Van Felson, private secretary; Eugene A. Taschereau, ensign, Service Militia, aide-de-camp.

JOHN HART, Importer of Inks, Twines, Pens, Envelopes,

EXECUTIVE COUNCIL.

Hon. P. J. O. Chauveau, premier, provincial secretary and registrar, and minister of Public Instruction.

Hon. Gédéon Ouimet, attorney-general.

Hon. Christopher Dunkin, treasurer.

Hon. Joseph O. Beaubien, commissioner of Crown lands.

Hon. Louis Archambault, commissioner of Public works.

Hon. C. B. DeBoucherville, speaker Legislative Council.

Hon. George Irvine, solicitor-general.

Officers.—F. Fortier, clerk of the Department of the Executive Council; G. W. Colfer, first clerk; G. G. Grenier, second clerk; Olivier Vallée, messenger; Alexander Dubé, housekeeper.

NOVA SCOTIA.

Lieutenant-Governor.—Major-General CHARLES HASTINGS DOYLE.

EXECUTIVE COUNCIL.

Hon. W. Annand, treasurer; Hon. M. Wilkins, attorney general,
Hon. W. B. Vail, provincial secretary; R. Robertson, commissioner of Mines and Works.

" R. A. McHaffey,

" J. Ferguson,

" E. P. Flynn,

" Jared C. Troop,

" James Cochrane,

} Members without office.

PROVINCE OF NEW BRUNSWICK.

Lieutenant-Governor.—Hon. L. A. WILMOT, C.B.—Fredericton.

EXECUTIVE COUNCIL.

Hon. E. B. Chandler, president of the Council; Hon. John McAdam, commissioner Public Works; Hon. A. R. Wetmore, attorney general; Hon. R. Sutton, surveyor general; Hon. J. A. Beckwith, provincial secretary, registrar and receiver general; Hon. B. Beveridge and Hon. A. DesBrisay, Board of Works; Hon. W. P. Flewelling (without office); F. A. H. Stratton, clerk Executive Council.

POST OFFICE DEPARTMENT.

Honorable Alex. Campbell, Postmaster General.

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

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

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

Inspectors.—J. Dewe, G. E. Griffin, M. Sweetnam, E. King, W. G. Sheppard, A. Woodgate, John McMillan.

PERTH.

Thomas Cairns, Postmaster.

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

Photographic Albums, Slates, Satchels and Fancy Boxes.

LIST OF POST OFFICES IN THE COUNTIES OF LANARK AND RENFREW ON THE 1ST OCT. 1868. *The offices whose names are printed in Italics are authorized to grant and pay money orders.—Offices marked * are Savings Bank Offices and authorized to sell Bill Stamps.*

POST OFFICES.	TOWNSHIPS.	COUNTY.	POST MASTERS.
* <i>Almonte</i>	Ramsay	Lanark	James H. Wylie.
<i>Appleton</i>	"	"	Albert Teskey.
Balderston	Bathurst	"	S. Watson.
Bennie's Corners	Ramsay	"	Alex. Leishman.
Bollingbroke	S. Sherbrooke	"	John Korry.
* <i>Carleton Place</i>	Beckwith	"	P. Struthers.
Cedar Hill	Pakenham	"	J. Connery.
Clayton	Ramsay	"	O. Banning, jun.
Doran	Bathurst	"	W. Doran.
Ferguson's Falls	Drummond	"	Robert Hicks.
Franktown	Beckwith	"	E. McEwen.
Glen-Tay	Bathurst	"	Henry Mayberry.
Hamlet	N. Burgess	"	John Byrne.
Hopetown	Lanark	"	W. Rankin.
Harper	Bathurst	"	Joseph Warren.
Innisville	Drummond	"	Thomas Code.
* <i>Lanark</i>	Lanark	"	W. Robertson.
Lavant	Lavant	"	Aroh. Browning.
Mabary	S. Sherbrooke	"	John McGregor.
McDonald's Corners	Dalhousie	"	William Chalmers.
Middleville	Lanark	"	W. Croft.
Montague	Montague	"	Peter Clark.
North Montague	"	"	W. H. Stewart.
* <i>Pakenham</i>	Pakenham	"	Alex. Fowler.
* <i>Perth</i>	Drummond	"	Thomas Cairns.
Playfair	Bathurst	"	G. C. Mills.
Poland	Dalhousie	"	D. McIntosh.
Port Elmsley	N. Elmsley	"	John Elliott.
Prospect	Beckwith	"	William Burrows.
Rokeby	S. Sherbrooke	"	A. Adams.
Rosetta	Lanark	"	R. McFarlane.
* <i>Smith's Falls</i>	N. Elmsley	"	Jas. Shaw, jun.
Tatlook	Darling	"	Mrs. Guthrie.
Tennyson	Drummond	"	D. McGregor.
Watson's Corners	Dalhousie	"	"

POST OFFICES IN THE COUNTY OF RENFREW.

* <i>Arnprior</i>	MacNab	Renfrew	A. Russell.
Admaston	Admaston	"	A. Patterson.
Bagot	Bagot	"	John Halliday.
Beachburgh	Westmeath	"	George Surtees.
Burnstown	McNabb	"	Donald McRae.
Balmer's Island	"	"	James Mills.
Brudenell	Brudenell	"	John Reynolds.
Calabogie	Bagot	"	D. Dillon.
Castleford	Horton	"	E. Johnson.
Clontarf	Sebastopol	"	J. B. McDonald.
Cobden	Ross	"	John R. McDonald.
Combermere	Radcliffe	"	D. Johnson.
Daere	Brougham	"	John Morrow.
Douglass	Bromley	"	Donald Cameron.
Eganville	Graton	"	John Quealy.
Forrester's Falls	Ross	"	Oliver Forrester.
Gower Point	Westmeath	"	Thomas McConnell.
High Falls	Griffith	"	W. H. Adams, sen.
Harcourt	Ross	"	John W. Squires.
Hopfield	Blithfield	"	T. H. Dillon.
Lake Doré	Brudenell	"	H. Y. Reid.
Matawatahau	Wilberforce	"	Thomas Wallace.
Madrid	Matawatahau	"	John McGregor.
Mount St. Patrick	Sebastopol	"	P. McCawley.
"	Brougham	"	Bridget Brady.

Of all kinds of Writing Papers.

French Book Post / cent per oz. — Prepay- / ment by Stamp requir'd. (b)
 Do. Do.
 Photographs (Cartes de / Visite) Do. Do.
 ment by stamp re- / quired. Do. Do.
 Do. Do.

Explanation for a see next page.

Porter

Oceolo	Bromley	Renfrew	Alex. McLaren.
*Pembroke	Pembroke	"	Alex. Moffat.
Petewawa	Petewawa	"	Solomon Devinc.
Point Alexander	Rolph	"	John Lane,
*Renfrew	Horton	"	William MacKay.
Ross	Ross	"	James McLaren.
Rockingham	Brudenell	"	J. S. G. Watson.
Sand Point	McNab	"	H. J. Fourdrinier.
Shamrock	Admaston	"	P. Gorman.
Stafford	Stafford	"	R. Childerhose.
Westmeath	Westmeath	"	A. Fraser.
White Lake	McNabb	"	John Paris.

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 the note at maturity must be counted as part thereof. The duty is to be paid by *bill stamp*, on which the date of the note and the *initials* of the party or parties signing it must be written, or by using stamped paper. Bank notes, checks, and money orders, are exempt. These Acts impose heavy penalties for violation.

COUNTY OF LANARK.

Population [in 1860, 31,658.—Children attending school within the year—Males, 3,302; Females, 2,808. Number of families in the County, 4,910.

Judge.—John Glass Malloch, Perth, P. O.

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

Donald Fraser, County Crown Attorney, Perth; W. O. Buell, Master and Deputy Registrar in the Court of Chancery, Perth.

Charles Rice, Deputy Clerk of the Crown and Pleas, Registrar of Surrogate Court, and Clerk of the County Court, Perth; W. R. F. Berford, Clerk of the Peace, Perth.

John Doran, Warden; W. R. F. Berford, County Clerk; William Fraser, Treasurer; James Bell, Perth, Registrar, S. R.; John Menzies, Almonte, Registrar, N. R.; Robert Douglas, Collector Inland Revenue, County of Lanark.

DIVISION COURTS.

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.

DIVISION COURT DIRECTORY

FOR THE COUNTY OF LANARK, FOR 1869.

Judge.—John Glass Malloch, Esquire, Perth.

Months	First. Division.	Second. Division.	Third. Division.	Fourth. Division.	Fifth. Division.	Sixth. Division.
January.	Mon 4th	Wed 6th	Wed 13th	Tu 12th	Fri 15th	Th 14th
March	Mon 1st	Tu 2nd	Th 4th	Wed 3rd	Sat 6th	Fri 5th
May	Mon 3rd	Sat 1st	Th 6th	Wed 5th	Sat 8th	Fri 7th
July	Mon 5th	Wed 7th	Th 1st	Fri 9th	Sat 3rd	Fri 2nd
September	Mon 6th	Sat 4th	Wed 8th	Tu 7th	Fri 10th	Th 9th
November	Mon 22d	Tu 30th	Wed 24th	Tu 23rd	Fri 26th	Th 25th

The several Courts open at 10 o'clock A.M.

LIMITS AND OFFICERS OF DIVISION COURTS, LANARK.

FIRST DIVISION.—Court House, Perth.

Clerk, R. Moffatt, 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, James Rankin, Middleville, P. O. 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, Robinson Harper, Smith's Falls, P. O. Bailiff, Elias Brown, Smith's Falls, P. O. Limits: that part of the Township of Elmsley north of the Rideau River, from Lot No. 1 to Lot 12 in each concession, both inclusive, and the Township of Montague.

FIFTH DIVISION.—Town Hall, Pakenham.

Clerk, Richard H. Davie, Pakenham, P. O. Bailiff, John Lowe, Pakenham, P. O. Limits: the Township of Pakenham.

SIXTH DIVISION.—Town Hall, Ramsay.

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.

Books and Church Services in every variety of Binding.

COUNTY COURT AND QUARTER SESSIONS.

County Court and Quarter Sessions for each County in the Provinces for the year 1869, will be held as follows :

March Sittings, Tuesday, 9th March, 1869. June Sittings, Tuesday, 8th June, 1869. September Sittings, Tuesday, 7th September, 1869. December Sittings, Tuesday, 7th December, 1869.

The County and Surrogate Courts hold four terms in each County, viz. :

January Term—Commences Monday, 4th January, and ends Saturday, 9th January, 1869.

April Term—Commences Monday, 5th April, and ends Saturday, 10th April, 1869.

July Term—Commences Monday, 5th July, and ends Saturday, 10th July, 1869.

October Term—Commences Monday, 4th October, and ends Saturday, 9th October, 1869.

The Surrogate Courts, for the granting of Probate and Letters of Administration, are presided over by the County Judge.

COUNTY OF RENFREW.

Population in 1860, 20,325.—Pembroke, County Town—Population now about 1,000.

Judge.—John Deacon, Esquire, Pembroke, P. O.

Sheriff.—James Morris, Esquire, Pembroke, P. O.

William Duck, Clerk of the Peace, and County Crown Attorney, Pembroke.

Archibald Thompson, Deputy Clerk of the Crown and Pleas, and Clerk of the County Court, Pembroke.

Andrew Irving, Registrar, Pembroke.

John Fisher, Warden.

John Hickey, County Clerk.

Andrew Irving, County Treasurer.

CROWN LAND AGENTS.

James P. Moffat, Agent for the sale of Crown Lands, Pembroke.

Wm. Harris, Agent for the sale of Crown Lands, Admaston.

C. F. Holterman, Agent for settlement of Opeongo road, and for sale of lands in County of Renfrew and Nipissing District, Sebastopol.

THE DIVISION COURTS FOR THE COUNTY OF RENFREW,

FOR THE YEAR 1869.

Judge.—JOHN DEACON, Esquire, Pembroke.

Months	1st Division	2nd Division	3rd Division	4th Division	5th Division	6th Division	7th Division	8th Division
January	Th. 14	Fri. 15	Wed. 2	Fri. 22	Th. 21	Mon. 18	Sat. 23	Tu. 19
March	Th. 18	Mon. 1	Wed. 3	Fri. 5	Th. 4	Mon. 15	Tu. 2	Tu. 16
May	Sat. 15	Tu. 25	Wed. 19	Fri. 21	Th. 20	Th. 27	Tu. 18	
July	Wed. 7	Th. 8	Wed. 14	Fri. 16	Th. 15	Tu. 20	Tu. 13	
Septem.	Mon. 20	Sat. 18	Fri. 17	Wed. 15	Th. 16	Wed. 22	Tu. 14	Th. 23
Novem.	Mon. 8	Tu. 9	Wed. 3	Fri. 5	Th. 4	Th. 11	Tu. 2	

JOHN HART keeps constantly in Stock

CLERKS OF DIVISION COURTS.

Division No.	Clerk	P. O.
1	Andrew Irving, Esquire, Pembroke	Pembroke
"	2—William Cannon, Esquire, Beachburgh	Beachburgh
"	3—William Halpenny, Esquire, Renfrew	Renfrew
"	4—George E. Neilson, Esquire, Arnprior	Arnprior
"	5—John Holliday, Esquire, Bagot	Bagot
"	6—Samuel G. Lynn, Esquire, Eganville	Eganville
"	7—John McLaren, Esquire, Cobden	Cobden
"	8—Joseph Kinder, Esquire, Brudenell Corners	Brudenell Corners

LIMITS OF DIVISION COURTS, RENFREW.

FIRST DIVISION.—PEMBROKE, TO OPEN AT 10 O'CLOCK, A.M.

Comprising the Town of Pembroke, the Townships of Pembroke, Stafford, Alice, Petewawa, Buchanan, Rolph, Wylie, McKay, Fraser and Head, and all that part of the Township of Wilberforce from the eighteenth to the twenty-fifth Concessions, both inclusive, and also all those parts of the fourteenth, fifteenth, sixteenth and seventeenth Concessions of same Township of Wilberforce lying North of Snake River and East of Lake Dorie.

SECOND DIVISION.—BEACHBURGH, TO OPEN AT 11 O'CLOCK, A.M.

Comprising all that Part of the Township of Westmeath lying East and North of the Muskrat Lake and River, and all those parts of the Township of Ross from the fifth to the ninth Concessions, (both inclusive) East of Muskrat Lake, and from the seventh to the thirteenth (of the other) Concessions (both inclusive) of said Township of Ross.

THIRD DIVISION.—RENFREW, TO OPEN AT 11 O'CLOCK, A.M.

Comprising the Village of Renfrew, and the Townships of Horton and Adamston.

FOURTH DIVISION.—ARNPRIOR, TO OPEN AT 10 O'CLOCK, A.M.

Comprising the Village of Arnprior and the Township of McNab.

FIFTH DIVISION.—SPRINGTOWN, TO OPEN AT 10 O'CLOCK, A.M.

Comprising the Townships of Bagot, Blithfield, Brougham and Matawathan.

SIXTH DIVISION.—EGANVILLE, TO OPEN AT 11 O'CLOCK, A.M.

Comprising the Townships of Grattan, Sebastopol, South Algona, North Algona, and all that part of the Township of Wilberforce from the first to the seventeenth Concessions, both inclusive, excepting those parts of the fourteenth, fifteenth, sixteenth and seventeenth Concessions of same Township of Wilberforce lying North of Snake River and East of Lake Dorie.

SEVENTH DIVISION.—COBDEN, TO OPEN AT 9 O'CLOCK, A.M.

Comprising the Township of Bromley, all that part of the Township of Westmeath, West of Muskrat Lake, and all those parts of the Township

Bill Books, Pass Books, Time Books and Pocket Books.

Provinces

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of Ross from the first to the fourth Concessions (both inclusive) East of Muskrat Lake, and from the first to the sixth of the other Concessions (both inclusive) of the said Township of Ross.

EIGHTH DIVISION.—BRUDENELL, TO OPEN AT 10 O'CLOCK, A.M.

Comprising the Townships of Brudenell, Radcliffe, Raglan, Lyndoch and Griffith.

PERTH.

Population at the last Census, 2,465, now supposed to be above 3,000.

The Capital or County town of the County of Lanark is situated, like its Scottish namesake, on the banks of the river Tay, and is the terminus of the Perth Branch of the Brockville and Ottawa Railway, distant from Brockville on the St. Lawrence 35 miles, and from Sand Point on the Ottawa 60 miles, between which places, there are Railway trains and mails daily.

Telegraph communication is also direct with Ottawa City, the capital of Canada and *via* Brockville to all places East and West, and South to the United States.

CORPORATION.

RICHARD SHAW—MAYOR.

John Doran, *Reeve.*

Robert Douglas, *Deputy Reeve.*

West Ward.

Centre Ward.

East Ward.

E. G. Malloch.

W. O'Brien.

Thomas Jamieson.

Charles Meighen.

Henry D. Shaw.

C. H. Gamsby.

D. Kippen.

David Holliday.

Robert Elliott.

Thomas Brooke, clerk; John Doran, treasurer; John Gill, messenger; Thomas Cosgrove, chief constable; Arch. Campbell, collector; William Armstrong, market clerk.

PERTH PUBLIC SCHOOL.

REV. WILLIAM BAIN, Chairman.

James Bell, *Treasurer.*

Chas. Rice, *Secretary.*

Trustees nominated by the County Council.

Rev. W. Bain.

James Allan.

Rev. R. L. Stephenson

W. R. F. Berford.

George Kerr.

Richard Shaw.

Trustees Elective.

West Ward.

Centre Ward.

East Ward.

Archibald McNee.

Arthur Meighen.

Thomas Brooke.

Charles Meighen.

Dr. J. D. Kellock.

C. H. Gamsby.

JOHN HART, Importer of Jewellery, Plated Ware, Cutlery,

Teachers.

Rev. Thos. Hart, M.A.,	Principal,	Grammar School.
M. S. McDowell,	Assistant,	" "
Dr. W. M. Thornton,	Principal,	Common "
Miss S. A. Scott,	Teacher,	" 2nd department.
Miss Mary Radenhurst,	"	" 3rd "
Miss Forgie,	"	" Primary.
Miss C. Smitherman,	"	" "

RATES FOR NON-RESIDENT PUPILS.

Grammar School Department.....	per quarter	\$4.00
4th Department Common School.....	" "	3.00
3rd " " "	" "	2.00
2nd & 1st " " "	" "	1.00

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

BANK AGENCIES AT PERTH.

MERCHANTS' BANK OF CANADA—James Gray, Agent.
 BANK OF MONTREAL—William Munro, Agent.
 ROYAL CANADIAN—R. D. Freeman, Agent.
 Bank hours from 10 forenoon to 3 afternoon.
 On Saturday from 10 forenoon to 1 afternoon.

FAIRS, LANARK AND RENFREW, FOR 1869.

Perth, first Tuesday in May and October.
 Lanark, second Tuesday in May and October.
 Smith's Falls, second Friday in April and First Friday in October.
 Ferguson's Falls, third Tuesday in May and October.
 Carleton Place, first Tuesday in April and November.
 Clayton, third Wednesday in April, and second Wednesday in November.
 McDonald's Corners, last Friday in September.
 Pakenham, second Tuesday in May and second Thursday in October.
 Franktown, second Tuesday in May and September.
 Almonte, last Thursday in April and October.
 Sand Point, first Tuesday in May and October.
 Bonnechere Point, second Tuesday in April and October.
 Ross, fourth Tuesday in April and October.
 Pembroke, second Wednesday in March and third Wednesday in October.
 Roseville, second Thursday in May and September.
 Arnprior, first Thursday in May and October.
 Ashton, first Thursday in March and October.
 Merrickville, first Thursday in September, October and November.
 Renfrew, first Wednesday in May and November.
 Morrow's Mills, last Friday in April and September.
 Watson's Corners, first Friday in October.
 Tennyson, the last Thursday in September.

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

And every description of British and Foreign Fancy Goods.

[1869.

It is also highly important is 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 coloring, if brought into contact with Iron, will darken the Reds, and often a dirty Brown is produced by using a Tin Boiler with the Tinting partly worn off.

BLACK—On wool, Silk or Cotton.—For every pound of cloth it will require one ounce of extract of logwood, and half an ounce of blue vitriol. Prepare an iron kettle with a sufficient quantity of water to admit the yarn or cloth to be worked in the dye without being crowded—bring the water to scalding heat—then put in the yarn or cloth a few minutes—when it is thoroughly wet take it out and drain it—in the next place add the blue vitriol, and when dissolved, and the water skimmed carefully, put in the material to be colored, 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.

BLUE.—A splendid blue may be produced in an hour by the following process:—For each pound of wool or cloth take two and a half ounces of alum and one ounce and a half of cream of tartar. Boil these together in a brass or copper kettle for about an hour; now take sufficient warm water to cover the cloth or wool, and color 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.

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 of 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 color; 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 COLOR.—This color is made by boiling the cloth or wool for a short time in cudbear.

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 color; next morning put in two oz. 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 color depending upon the time it remains in the dye.

Kept always in Stock by JOHN HART.

When the color is made, rinse the cloth immediately in cold water, and it will then be finished.

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

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 color; then put in your wool or silk, airing it frequently. When the color 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 color. Dry and wash in clean soft water.

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

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 color, 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 in the dye—bring it to a scalding heat—let it remain a few moments, and it will be finished. If a lighter color is wanted, use less cochineal; if a darker one more; the shade depending upon the quantity of cochineal used.

☞ A cheaper, yet handsome pink, may be obtained by substituting Nicwood for Madder, in the recipe for Madder Red.

SALMON COLOR.—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.

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

A FINE WINE COLOR.—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

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 o cover the
 and simmer,
 an water—
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wood, one
 arm water
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 r and put

k Stands,

into the dye; boil about half an hour, take out the wool and rinse in cold water.

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

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 on 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 much deeper and richer yellow may be made by using turmeric powder instead of fustic, and proceeding in the same manner.



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