

1905.

1903.

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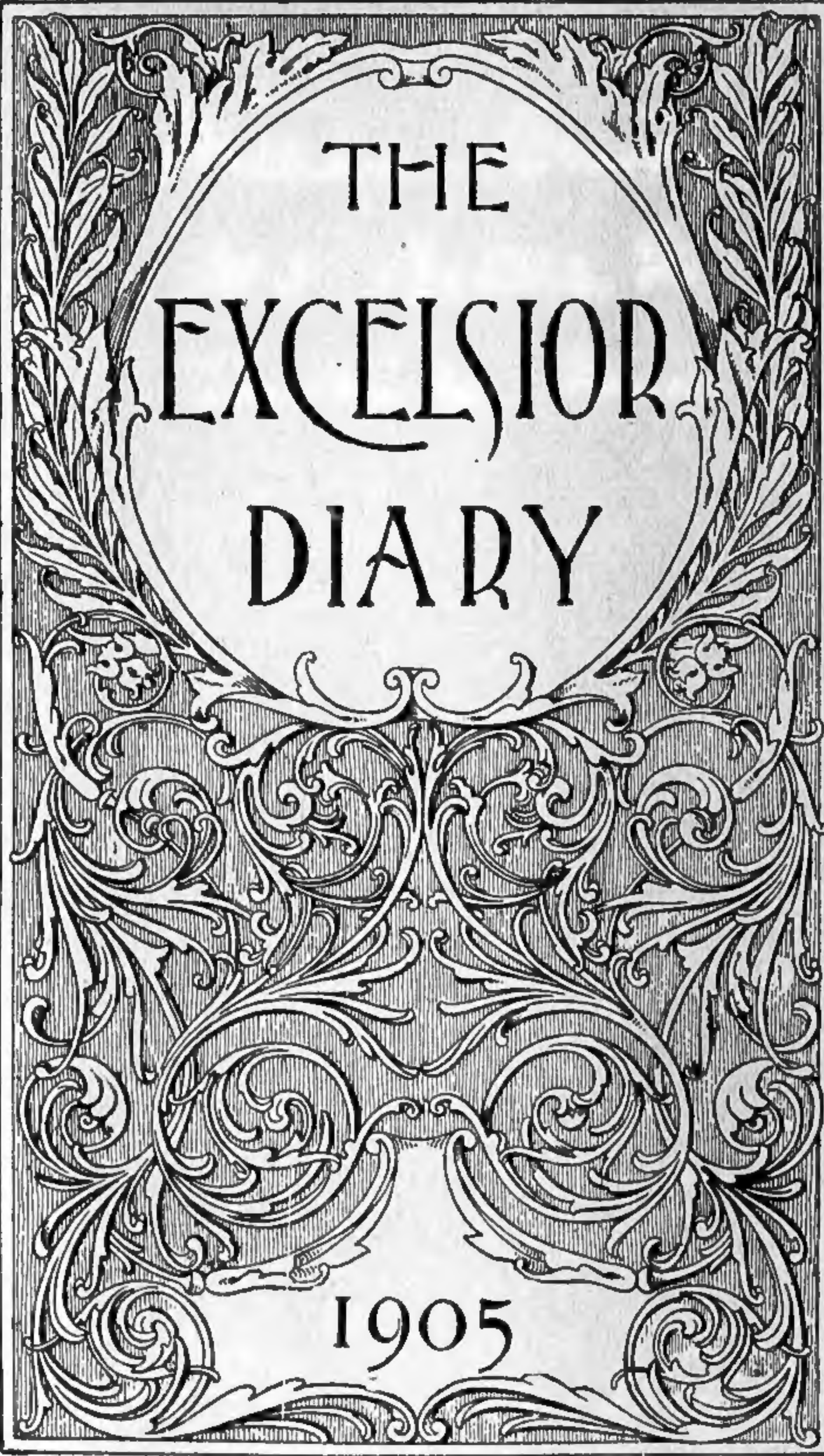
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William Brewster

145 Brattle St.

Cambridge, Mass.



THE  
EXCELSIOR  
DIARY

1905

# CALENDAR, 1905

1905	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	1905	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
JAN.	1	2	3	4	5	6	7	JULY.	2	3	4	5	6	7	8
FEB.	8	9	10	11	12	13	14	AUG.	9	10	11	12	13	14	15
MARCH.	15	16	17	18	19	20	21	SEPT.	16	17	18	19	20	21	22
APRIL.	22	23	24	25	26	27	28	OCT.	23	24	25	26	27	28	29
MAY.	29	30	31	..	..	..	..	NOV.	30	31	..	..	..	..	..
JUNE.	..	..	..	1	2	3	4	DEC.	..	..	1	2	3	4	5
	5	6	7	8	9	10	11		6	7	8	9	10	11	12
	12	13	14	15	16	17	18		13	14	15	16	17	18	19
	19	20	21	22	23	24	25		20	21	22	23	24	25	26
	26	27	28	..	..	..	..		27	28	29	30	31	..	..
	..	..	..	1	2	3	4		..	..	..	..	..	1	2
	5	6	7	8	9	10	11		3	4	5	6	7	8	9
	12	13	14	15	16	17	18		10	11	12	13	14	15	16
	19	20	21	22	23	24	25		17	18	19	20	21	22	23
	26	27	28	29	30	31	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	1		1	2	3	4	5	6	7
	2	3	4	5	6	7	8		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		29	30	31	..	..	..	..
	30	..	..	..	..	..	..		..	..	..	1	2	3	4
	..	1	2	3	4	5	6		5	6	7	8	9	10	11
	7	8	9	10	11	12	13		12	13	14	15	16	17	18
	14	15	16	17	18	19	20		19	20	21	22	23	24	25
	21	22	23	24	25	26	27		26	27	28	29	30	..	..
	28	29	30	31	..	..	..		..	..	..	..	..	1	2
	..	..	..	..	1	2	3		3	4	5	6	7	8	9
	4	5	6	7	8	9	10		10	11	12	13	14	15	16
	11	12	13	14	15	16	17		17	18	19	20	21	22	23
	18	19	20	21	22	23	24		24	25	26	27	28	29	30
	25	26	27	28	29	30	..		31	..	..	..	..	..	..

# ECLIPSES, 1905

There will be four Eclipses this year, two of the Sun and two of the Moon, as follows:

I. Partial of the Moon, Feb. 19, invisible in the U. S. except in the Philippine Islands.

II. Annular of the Sun, March 6, invisible in the U. S.

III. Partial of the Moon, Aug. 14, visible in the U. S. Size, 3.4 digits on southern limb. Eastern time of the phases: Eclipse begins 9.39 P.M.; middle, 10.41 P.M.; end, 11.43 P.M.

IV. Total of the Sun, Aug. 30. The total phase will only be visible on this continent in the northern Canadian region. The Sun will rise more or less eclipsed west of Washington to Denver. Begins, N. Y., 5.44 A.M.; ends, 7.32 A.M. 7 digits.

## MORNING STARS.

*Inferior Planets.* MERCURY, until March 9, from April 23 to June 24, Aug. 29 to Oct. 12 and after Dec. 15. VENUS, after April 27. *Superior Planets.* MARS, until Jan. 26. JUPITER, from May 4 to Aug. 29. SATURN, from Feb. 12 to May 24. URANUS, until March 25 and after Dec. 26. NEPTUNE, from June 30 to Oct. 4.

## EVENING STARS.

*Inferior Planets.* MERCURY, from March 9 to April 23, June 24 to Aug. 29, and Oct. 12 to Dec. 15. VENUS, until Apr. 27. *Superior Planets.* MARS, after Jan. 26. JUPITER, until May 4 and after Aug. 29. SATURN, until Feb. 12 and after May 24. URANUS, from March 25 to Dec. 26. NEPTUNE, until June 30 and after Oct. 4.

## MOVABLE FEASTS, ETC.

Septuagesima Sun...Feb.	19	Ascension Thursday	June	1
Sexagesima " " "	26	Whit-Sunday (Pent.)	"	11
Quinquagesima " " Mar.	5	Trinity " " " "	"	18
Shrove Tuesday " " "	7	Corpus Christi " " "	"	22
Ash Wednesday " " "	8	Advent Sunday " " Dec.	3	
Quadragesima Sun... " "	12	Dominical Letter " " "	A	
Mid-Lent " " Apr.	2	Epact " " " "	24	
Passion " " " "	9	Lunar Cycle (Gold. No.)	6	
Palm Sunday " " " "	16	Solar Cycle " " " "	10	
Good Friday " " " "	21	Roman Indiction " " "	3	
Easter Sunday " " " "	23	Julian Period " " " "	6618	
Low Sunday " " " "	30	Dionysian Period " " " "	234	
Rogation Sunday " " May	28	Jewish Lunar Cycle " " "	3	

Mohammedan Era, year 1323 begins March 8.

Jewish Era, year 5666 begins September 30.

# JANUARY, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☾ New Moon 5 D.	1 h. 17 m.	0 h. 17 m.	11 h. 17 m.
☽ First Quar. 13 D.	3 h. 11 m.	2 h. 11 m.	1 h. 11 m.
☾ Full Moon 21 D.	2 h. 14 m.	1 h. 14 m.	0 h. 14 m.
☽ Last Quar. 27 D.	7 h. 20 m.	6 h. 20 m.	5 h. 20 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
7 25	4 43	2 56	4 34	1	S.	7 30	4 38	2 59	7 47
7 25	4 44	4 1	5 37	2	M.	7 30	4 39	4 4	8 50
7 25	4 45	5 5	6 32	3	T.	7 30	4 40	5 9	9 48
7 25	4 46	6 3	7 23	4	W.	7 30	4 41	6 8	10 40
7 25	4 47	sets	8 10	5	Th.	7 30	4 42	sets	11 29
7 25	4 48	6 5	8 54	6	F.	7 29	4 43	6 2	morn
7 25	4 49	7 3	9 35	7	S.	7 29	4 44	7 0	14
7 24	4 50	8 2	10 15	8	S.	7 29	4 45	7 59	56
7 24	4 51	8 59	10 52	9	M.	7 29	4 46	8 58	1 39
7 24	4 52	9 55	11 28	10	T.	7 29	4 47	9 54	2 19
7 24	4 53	10 50	morn	11	W.	7 29	4 48	10 50	3 1
7 23	4 54	11 48	4	12	Th.	7 28	4 50	11 48	3 45
7 23	4 55	morn	45	13	F.	7 28	4 51	morn	4 30
7 23	4 56	43	1 38	14	S.	7 28	4 52	44	5 17
7 22	4 57	1 39	2 34	15	S.	7 27	4 53	1 41	6 6
7 22	4 59	2 38	3 30	16	M.	7 27	4 54	2 41	6 58
7 21	5 0	3 36	4 25	17	T.	7 26	4 55	3 40	7 49
7 21	5 1	4 36	5 18	18	W.	7 26	4 56	4 40	8 40
7 21	5 2	5 32	6 10	19	Th.	7 25	4 58	5 36	9 31
7 20	5 3	rises	7 0	20	F.	7 24	4 59	rises	10 21
7 19	5 4	5 53	7 43	21	S.	7 24	5 0	5 50	11 10
7 18	5 5	7 3	8 37	22	S.	7 23	5 1	7 1	11 59
7 17	5 7	8 13	9 27	23	M.	7 22	5 3	8 12	ev. 47
7 17	5 8	9 22	10 14	24	T.	7 22	5 4	9 21	1 37
7 16	5 9	10 33	11 4	25	W.	7 21	5 5	10 34	2 28
7 16	5 10	11 41	11 55	26	Th.	7 20	5 6	11 43	3 22
7 15	5 11	morn	ev. 52	27	F.	7 19	5 8	morn	4 19
7 14	5 13	47	1 59	28	S.	7 18	5 9	49	5 20
7 13	5 14	1 54	3 10	29	S.	7 17	5 10	1 57	6 24
7 12	5 15	2 57	4 20	30	M.	7 16	5 12	3 0	7 30
7 12	5 16	3 56	5 25	31	T.	7 15	5 13	4 0	8 35

Heavy figures, 12 noon to 12 midnight.

# FEBRUARY, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☾ New Moon 4 D.	6 h. 6 m.	5 h. 6 m.	4 h. 6 m.
☽ First Quar. 12 D.	11 h. 20 m.	10 h. 20 m.	9 h. 20 m.
☾ Full Moon 19 D.	1 h. 52 m.	0 h. 52 m.	11 h. 52 m.
☽ Last Quar. 26 D.	5 h. 3 m.	4 h. 3 m.	3 h. 3 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
7 11	5 18	4 50	6 20	1	W.	7 14	5 14	4 54	9 35
7 10	5 19	5 40	7 10	2	Th.	7 13	5 15	5 44	10 28
7 9	5 20	6 24	7 54	3	F.	7 12	5 16	6 27	11 14
7 7	5 21	sets	8 34	4	S.	7 11	5 18	sets	11 55
7 6	5 22	6 49	9 10	5	S.	7 10	5 19	6 47	morn
7 5	5 23	7 45	9 42	6	M.	7 9	5 21	7 44	32
7 4	5 25	8 41	10 10	7	T.	7 8	5 22	8 41	1 8
7 3	5 26	9 37	10 39	8	W.	7 6	5 23	9 37	1 45
7 2	5 27	10 33	11 14	9	Th.	7 5	5 24	10 35	2 21
7 1	5 28	11 28	11 55	10	F.	7 4	5 25	11 30	3 0
7 0	5 30	morn	morn	11	S.	7 2	5 26	morn	3 43
6 58	5 31	25	43	12	S.	7 1	5 28	28	4 30
6 57	5 32	1 22	1 40	13	M.	7 0	5 29	1 25	5 20
6 56	5 34	2 19	2 44	14	T.	6 59	5 30	2 23	6 15
6 55	5 35	3 27	3 50	15	W.	6 57	5 32	3 32	7 11
6 53	5 36	4 10	4 47	16	Th.	6 56	5 33	4 15	8 9
6 52	5 37	5 4	5 45	17	F.	6 54	5 35	5 8	9 3
6 51	5 39	5 52	6 40	18	S.	6 53	5 36	5 55	9 58
6 49	5 40	rises	7 32	19	S.	6 52	5 38	rises	10 49
6 48	5 41	7 3	8 20	20	M.	6 50	5 39	7 2	11 40
6 46	5 43	8 16	9 8	21	T.	6 48	5 40	8 16	ev. 29
6 45	5 44	9 26	9 56	22	W.	6 47	5 42	9 27	1 20
6 44	5 45	10 36	10 46	23	Th.	6 45	5 43	10 38	2 10
6 42	5 46	11 45	11 34	24	F.	6 44	5 45	11 48	3 3
6 41	5 48	morn	ev. 35	25	S.	6 42	5 46	morn	4 0
6 39	5 49	50	1 40	26	S.	6 41	5 47	53	5 0
6 38	5 50	1 51	2 54	27	M.	6 39	5 49	1 55	6 5
6 37	5 51	2 46	4 8	28	T.	6 38	5 50	2 51	7 13

# MARCH, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ New Moon 6 D.	0 h. 19 m.	11 h. 19 (5)	10 h. 19 (5)
☾ First Quar. 14 D.	3 h. 59 m.	2 h. 59 m.	1 h. 39 m.
☽ Full Moon 20 D.	11 h. 55 m.	10 h. 55 m.	9 h. 55 m.
☾ Last Quar. 27 D.	4 h. 35 m.	3 h. 35 m.	2 h. 35 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.			D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.				
MEAN TIME.					MEAN TIME.				
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Ia.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
6 35	5 53	3 37	5 10	1	W.	6 36	5 51	3 41	8 17
6 34	5 53	4 22	6 5	2	Th.	6 35	5 52	4 25	9 17
6 32	5 54	5 2	6 52	3	F.	6 33	5 53	5 5	10 7
6 30	5 55	5 38	7 31	4	S.	6 31	5 54	5 40	10 51
6 29	5 56	6 10	8 7	5	S.	6 30	5 55	6 12	11 28
6 27	5 57	sets	8 39	6	M.	6 28	5 56	sets	morn
6 25	5 58	7 30	9 5	7	T.	6 26	5 57	7 30	3
6 24	5 59	8 24	9 32	8	W.	6 25	5 58	8 25	36
6 22	6 0	9 22	10 0	9	Th.	6 23	5 59	9 23	1 10
6 20	6 1	10 17	10 34	10	F.	6 21	6 0	10 19	1 46
6 19	6 2	11 13	11 15	11	S.	6 20	6 2	11 16	2 24
6 17	6 3	morn	morn	12	S.	6 18	6 3	morn	3 5
6 16	6 4	9	4	13	M.	6 16	6 4	13	3 52
6 14	6 5	1 5	1 0	14	T.	6 14	6 5	1 9	4 43
6 12	6 6	1 59	2 5	15	W.	6 13	6 6	2 3	5 40
6 11	6 8	2 50	3 15	16	Th.	6 11	6 7	2 54	6 39
6 9	6 9	3 40	4 21	17	F.	6 9	6 9	3 43	7 40
6 7	6 10	4 25	5 25	18	S.	6 7	6 10	4 28	8 37
6 6	6 11	5 8	6 20	19	S.	6 6	6 11	5 10	9 34
6 4	6 12	rises	7 12	20	M.	6 4	6 12	rises	10 28
6 2	6 13	7 2	8 1	21	T.	6 2	6 13	7 3	11 19
6 1	6 14	8 16	8 50	22	W.	6 0	6 14	8 17	ev. 10
5 59	6 15	9 27	9 38	23	Th.	5 59	6 15	9 29	1 0
5 58	6 16	10 42	10 29	24	F.	5 57	6 16	10 46	1 51
5 56	6 17	11 43	11 20	25	S.	5 55	6 17	11 46	2 45
5 54	6 18	morn	ev. 18	26	S.	5 53	6 18	morn	3 40
5 52	6 19	41	1 25	27	M.	5 52	6 19	46	4 40
5 51	6 20	1 34	2 37	28	T.	5 50	6 20	1 35	5 43
5 49	6 21	2 21	3 48	29	W.	5 48	6 21	2 25	6 50
5 47	6 22	3 3	4 50	30	Th.	5 46	6 22	3 6	7 52
5 45	6 23	3 39	5 41	31	F.	5 44	6 23	3 42	8 50

# APRIL, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ New Moon 4 D.	6 h. 23 m.	5 h. 23 m.	4 h. 23 m.
☾ First Quar. 12 D.	4 h. 41 m.	3 h. 41 m.	2 h. 41 m.
☽ Full Moon 19 D.	8 h. 38 m.	7 h. 38 m.	6 h. 38 m.
☾ Last Quar. 26 D.	6 h. 13 m.	5 h. 13 m.	4 h. 13 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.			D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.				
MEAN TIME.					MEAN TIME.				
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Ia.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
5 44	6 24	4 13	6 25	1	S.	5 43	6 25	4 15	9 35
5 42	6 26	4 44	7 1	2	S.	5 41	6 27	4 45	10 16
5 41	6 27	5 12	7 35	3	M.	5 40	6 28	5 13	10 54
5 39	6 28	5 40	8 6	4	T.	5 38	6 29	5 40	11 29
5 37	6 29	sets	8 30	5	W.	5 36	6 30	sets	morn
5 36	6 30	8 12	8 59	6	Th.	5 35	6 31	8 14	2
5 34	6 31	9 8	9 29	7	F.	5 33	6 32	9 9	37
5 33	6 32	10 4	10 5	8	S.	5 31	6 33	10 7	1 12
5 31	6 33	11 0	10 46	9	S.	5 30	6 34	11 4	1 50
5 30	6 34	11 51	11 35	10	M.	5 28	6 36	11 56	2 32
5 28	6 35	morn	morn	11	T.	5 26	6 37	morn	3 18
5 26	6 36	45	30	12	W.	5 25	6 38	50	4 10
5 25	6 37	1 34	1 35	13	Th.	5 23	6 39	1 38	5 7
5 24	6 38	2 19	2 45	14	F.	5 21	6 40	2 22	6 7
5 22	6 39	3 0	3 55	15	S.	5 20	6 41	3 3	7 9
5 20	6 40	3 40	4 59	16	S.	5 18	6 42	3 42	8 8
5 19	6 41	4 19	5 57	17	M.	5 16	6 43	4 19	9 5
5 17	6 42	4 56	6 50	18	T.	5 15	6 45	4 56	10 0
5 16	6 43	rises	7 40	19	W.	5 13	6 46	rises	10 54
5 14	6 44	8 13	8 30	20	Th.	5 12	6 47	8 16	11 45
5 13	6 45	9 23	9 19	21	F.	5 10	6 48	9 27	ev. 36
5 11	6 46	10 28	10 9	22	S.	5 9	6 49	10 32	1 28
5 10	6 47	11 27	11 1	23	S.	5 7	6 50	11 31	2 20
5 8	6 48	morn	ev. 2	24	M.	5 6	6 51	morn	3 15
5 7	6 49	17	1 5	25	T.	5 4	6 52	21	4 14
5 6	6 50	1 2	2 14	26	W.	5 3	6 53	1 6	5 14
5 4	6 51	1 41	3 20	27	Th.	5 1	6 55	1 44	6 15
5 3	6 52	2 15	4 17	28	F.	5 0	6 56	2 18	7 15
5 2	6 53	2 46	5 6	29	S.	4 58	6 57	2 48	8 9
5 0	6 55	3 16	5 48	30	S.	4 57	6 58	3 17	8 56

# MAY, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ New Moon 4 D.	10 h. 50 m.	9 h. 50 m.	8 h. 50 m.
☾ First Quar. 12 D.	1 h. 46 m.	0 h. 46 m.	11 h. 46 (11)
☽ Full Moon 18 D.	4 h. 36 m.	3 h. 36 m.	2 h. 36 m.
☾ Last Quar. 25 D.	9 h. 49 m.	8 h. 49 m.	7 h. 49 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
4 59	6 56	3 44	6 25	1	M.	4 56	7 0	3 44	9 38
4 58	6 57	4 13	6 58	2	T.	4 54	7 1	4 12	10 16
4 56	6 58	4 41	7 30	3	W.	4 53	7 2	4 40	10 51
4 55	6 59	sets	8 0	4	Th.	4 52	7 3	sets	11 29
4 54	7 0	8 0	8 29	5	F.	4 51	7 4	8 2	morn
4 53	7 1	8 56	9 4	6	S.	4 49	7 5	8 59	5
4 52	7 2	9 50	9 42	7	S.	4 48	7 6	9 55	42
4 51	7 3	10 43	10 25	8	M.	4 47	7 7	10 47	1 24
4 49	7 4	11 32	11 13	9	T.	4 46	7 8	11 36	2 6
4 48	7 5	morn	morn	10	W.	4 44	7 9	morn	2 55
4 47	7 6	18	8	11	Th.	4 43	7 10	22	3 46
4 46	7 7	1 0	1 10	12	F.	4 42	7 11	1 3	4 42
4 45	7 8	1 38	2 18	13	S.	4 41	7 12	1 40	5 41
4 44	7 9	2 15	3 27	14	S.	4 40	7 13	2 17	6 43
4 43	7 10	2 51	4 35	15	M.	4 39	7 14	2 51	7 44
4 42	7 11	3 28	5 33	16	T.	4 38	7 15	3 27	8 42
4 41	7 12	4 6	6 30	17	W.	4 37	7 16	4 4	9 40
4 40	7 13	rises	7 22	18	Th.	4 36	7 17	rises	10 34
4 39	7 14	8 9	8 12	19	F.	4 35	7 18	8 13	11 26
4 39	7 15	9 12	9 2	20	S.	4 34	7 19	9 16	ev. 18
4 38	7 16	10 11	9 54	21	S.	4 33	7 20	10 15	1 10
4 37	7 17	10 57	10 47	22	M.	4 32	7 21	11 1	2 2
4 36	7 18	11 40	11 40	23	T.	4 31	7 22	11 43	2 55
4 36	7 19	morn	ev. 39	24	W.	4 31	7 23	morn	3 50
4 35	7 20	17	1 40	25	Th.	4 30	7 24	20	4 46
4 34	7 20	49	2 40	26	F.	4 29	7 25	51	5 40
4 34	7 21	1 19	3 35	27	S.	4 29	7 26	1 20	6 35
4 33	7 22	1 47	4 22	28	S.	4 28	7 27	1 48	7 25
4 32	7 23	2 15	5 5	29	M.	4 27	7 28	2 14	8 11
4 32	7 23	2 43	5 42	30	T.	4 27	7 28	2 42	8 55
4 31	7 24	3 14	6 19	31	W.	4 26	7 29	3 12	9 36

# JUNE, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ New Moon 3 D.	0 h. 56 m.	11 h. 56 (2)	10 h. 56 (2)
☾ First Quar. 10 D.	8 h. 4 m.	7 h. 4 m.	6 h. 4 m.
☽ Full Moon 17 D.	0 h. 51 m.	11 h. 51 (16)	10 h. 51 (16)
☾ Last Quar. 24 D.	2 h. 46 m.	1 h. 46 m.	0 h. 46 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon rises	H. W. Boston. N. Yard		
4 31	7 24	3 47	6 55	1	Th.	4 25	7 30	3 44	10 16
4 30	7 25	4 24	7 29	2	F.	4 25	7 30	4 20	10 55
4 30	7 26	sets	8 7	3	S.	4 25	7 31	sets	11 36
4 30	7 26	8 39	8 45	4	S.	4 24	7 32	8 43	morn
4 29	7 27	9 31	9 24	5	M.	4 24	7 32	9 35	17
4 29	7 28	10 19	10 9	6	T.	4 24	7 33	10 22	1 0
4 29	7 28	11 2	10 58	7	W.	4 23	7 33	11 6	1 45
4 29	7 29	11 40	11 50	8	Th.	4 23	7 34	11 42	2 34
4 28	7 30	morn	morn	9	F.	4 23	7 35	morn	3 26
4 28	7 30	17	50	10	S.	4 23	7 36	19	4 21
4 28	7 31	52	1 54	11	S.	4 22	7 36	52	5 20
4 28	7 31	1 27	3 1	12	M.	4 22	7 37	1 27	6 20
4 28	7 32	2 3	4 11	13	T.	4 22	7 37	2 2	7 22
4 28	7 32	2 39	5 15	14	W.	4 22	7 38	2 38	8 22
4 28	7 32	3 23	6 14	15	Th.	4 22	7 38	3 19	9 20
4 28	7 33	4 11	7 7	16	F.	4 22	7 38	4 7	10 17
4 28	7 33	rises	7 58	17	S.	4 22	7 39	rises	11 10
4 28	7 33	8 47	8 49	18	S.	4 22	7 39	8 52	ev. 2
4 28	7 34	9 34	9 38	19	M.	4 22	7 39	9 38	55
4 29	7 34	10 14	10 26	20	T.	4 23	7 40	10 17	1 42
4 29	7 34	10 49	11 16	21	W.	4 23	7 40	10 51	2 30
4 29	7 34	11 21	ev. 5	22	Th.	4 23	7 40	11 22	3 21
4 29	7 34	11 49	55	23	F.	4 23	7 40	11 50	4 10
4 29	7 34	morn	1 48	24	S.	4 23	7 40	morn	5 0
4 30	7 35	19	2 37	25	S.	4 24	7 41	19	5 50
4 30	7 35	46	3 25	26	M.	4 24	7 41	45	6 38
4 30	7 35	1 16	4 12	27	T.	4 24	7 41	1 14	7 25
4 31	7 35	1 47	4 56	28	W.	4 25	7 40	1 44	8 10
4 31	7 35	2 22	5 40	29	Th.	4 25	7 40	2 19	8 56
4 32	7 35	3 1	6 21	30	F.	4 26	7 40	2 57	9 41

# JULY, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☾ New Moon 2 D.	0 h. 50 m.	11 h. 50 m.	10 h. 50 m.
☽ First Quar. 9 D.	0 h. 46 m.	11 h. 46 m.	10 h. 46 m.
☾ Full Moon 16 D.	10 h. 31 m.	9 h. 31 m.	8 h. 31 m.
☽ Last Quar. 24 D.	8 h. 8 m.	7 h. 8 m.	6 h. 8 m.
☾ New Moon 31 D.	11 h. 2 m.	10 h. 2 m.	9 h. 2 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets	Moon rises	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon rises	H. W. Boston, N. Yard
4 32	7 35	3 46	7 3	1	S.	4 26	7 40	3 41	10 25
4 32	7 35	sets	7 46	2	S.	4 26	7 40	sets	11 10
4 33	7 34	8 15	8 28	3	M.	4 27	7 40	8 19	11 54
4 33	7 34	9 1	9 12	4	T.	4 28	7 40	9 4	morn
4 34	7 34	9 42	9 59	5	W.	4 29	7 39	9 44	40
4 35	7 34	10 20	10 46	6	Th.	4 29	7 39	10 21	1 26
4 35	7 33	10 54	11 36	7	F.	4 30	7 39	10 55	2 15
4 36	7 33	11 31	morn	8	S.	4 30	7 38	11 31	3 7
4 37	7 33	morn	30	9	S.	4 31	7 38	morn	4 0
4 37	7 32	5	1 31	10	M.	4 32	7 38	3	4 59
4 38	7 32	42	2 40	11	T.	4 33	7 37	40	5 48
4 39	7 31	1 21	3 53	12	W.	4 33	7 37	1 18	7 1
4 39	7 31	2 4	5 0	13	Th.	4 34	7 36	2 1	8 4
4 40	7 30	2 53	6 1	14	F.	4 35	7 36	2 48	9 3
4 41	7 30	3 47	6 57	15	S.	4 36	7 35	3 43	10 0
4 42	7 29	rises	7 49	16	S.	4 37	7 34	rises	10 55
4 43	7 29	7 59	8 35	17	M.	4 37	7 34	8 3	11 45
4 44	7 28	8 47	9 21	18	T.	4 38	7 33	8 50	ev. 31
4 44	7 27	9 20	10 4	19	W.	4 39	7 32	9 22	1 17
4 45	7 26	9 52	10 45	20	Th.	4 40	7 31	9 53	2 2
4 46	7 26	10 19	11 24	21	F.	4 41	7 30	10 19	2 48
4 47	7 25	10 37	12 0	22	S.	4 42	7 30	10 37	3 30
4 48	7 24	11 17	ev. 41	23	S.	4 43	7 29	11 15	4 15
4 48	7 23	11 46	1 27	24	M.	4 44	7 28	11 44	5 2
4 49	7 23	morn	2 17	25	T.	4 45	7 27	morn	5 50
4 50	7 22	19	3 11	26	W.	4 46	7 26	16	6 40
4 51	7 21	54	4 10	27	Th.	4 47	7 25	53	7 30
4 52	7 20	1 38	5 3	28	F.	4 48	7 24	1 34	8 19
4 53	7 19	2 26	5 54	29	S.	4 49	7 23	2 22	9 8
4 54	7 18	3 20	6 41	30	S.	4 50	7 22	3 16	9 58
4 55	7 17	4 20	7 27	31	M.	4 51	7 21	4 16	10 45

# AUGUST, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☽ First Quar. 7 D.	5 h. 16 m.	4 h. 16 m.	3 h. 16 m.
☾ Full Moon 14 D.	10 h. 31 m.	9 h. 31 m.	8 h. 31 m.
☽ Last Quar. 23 D.	1 h. 10 m.	0 h. 10 m.	11 h. 10(22)
☾ New Moon 30 D.	8 h. 13 m.	7 h. 13 m.	6 h. 13 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston, N. Yard
4 56	7 16	7 38	8 13	1	T.	4 52	7 20	7 41	11 31
4 57	7 14	8 19	9 0	2	W.	4 53	7 18	8 21	morn
4 58	7 13	8 57	9 45	3	Th.	4 54	7 17	8 58	19
4 59	7 12	9 32	10 30	4	F.	4 55	7 16	9 32	1 6
5 0	7 11	10 8	11 20	5	S.	4 56	7 15	10 7	1 55
5 1	7 10	10 45	morn	6	S.	4 57	7 14	10 43	2 46
5 2	7 9	11 22	15	7	M.	4 58	7 12	11 20	3 40
5 3	7 7	morn	1 14	8	T.	4 59	7 11	morn	4 39
5 4	7 6	5	2 25	9	W.	5 0	7 10	1	5 40
5 5	7 5	50	3 41	10	Th.	5 1	7 8	46	6 45
5 6	7 4	1 40	4 51	11	F.	5 2	7 7	1 36	7 50
5 7	7 2	2 35	5 54	12	S.	5 3	7 6	2 31	8 53
5 8	7 1	3 35	6 47	13	S.	5 4	7 4	3 31	9 50
5 9	7 0	rises	7 35	14	M.	5 5	7 3	rises	10 41
5 10	6 58	7 21	8 17	15	T.	5 6	7 1	7 23	11 27
5 11	6 57	7 51	8 57	16	W.	5 7	7 0	7 52	ev. 10
5 12	6 55	8 21	9 34	17	Th.	5 8	6 58	8 21	50
5 13	6 54	8 39	10 5	18	F.	5 10	6 57	8 39	1 30
5 14	6 53	9 18	10 35	19	S.	5 11	6 55	9 17	2 10
5 15	6 51	9 45	11 6	20	S.	5 12	6 54	9 44	2 50
5 16	6 50	10 18	11 45	21	M.	5 13	6 52	10 15	3 31
5 16	6 48	10 52	ev. 27	22	T.	5 14	6 51	10 48	4 16
5 17	6 47	11 31	1 19	23	W.	5 15	6 49	11 27	5 5
5 18	6 45	morn	2 19	24	Th.	5 16	6 48	morn	5 56
5 19	6 44	16	3 24	25	F.	5 17	6 46	11	6 50
5 20	6 42	1 6	4 25	26	S.	5 18	6 44	1 2	7 45
5 21	6 41	2 2	5 24	27	S.	5 19	6 43	1 57	8 37
5 22	6 39	3 5	6 17	28	M.	5 20	6 41	3 1	9 30
5 23	6 37	4 12	7 7	29	T.	5 21	6 39	4 9	10 20
5 24	6 36	sets	7 55	30	W.	5 22	6 38	sets	11 10
5 25	6 34	7 41	8 40	31	Th.	5 23	6 36	7 44	11 58



# SEPTEMBER, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ First Quar. 5 D.	11 h. 9 m.	10 h. 9 m.	9 h. 9 m.
☾ Full Moon 13 D.	1 h. 10 m.	0 h. 10 m.	11 h. 10 m.
☉ Last Quar. 21 D.	5 h. 13 m.	4 h. 13 m.	3 h. 13 m.
☾ New Moon 28 D.	4 h. 59 m.	3 h. 59 m.	2 h. 59 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard		
5 26	6 33	8 6	9 29	1	F.	5 24	6 35	8 5	morn
5 27	6 31	8 43	10 15	2	S.	5 26	6 33	8 42	46
5 28	6 29	9 21	11 4	3	S.	5 27	6 31	9 19	1 35
5 29	6 28	10 3	11 57	4	M.	5 28	6 29	9 59	2 27
5 30	6 26	10 47	morn	5	T.	5 29	6 28	10 44	3 21
5 31	6 25	11 37	1 0	6	W.	5 30	6 26	11 33	4 20
5 32	6 23	morn	2 16	7	Th.	5 31	6 24	morn	5 23
5 33	6 21	31	3 32	8	F.	5 32	6 22	27	6 30
5 34	6 20	1 28	4 41	9	S.	5 33	6 21	1 24	7 37
5 35	6 18	2 27	5 40	10	S.	5 34	6 19	2 23	8 39
5 36	6 16	3 27	6 31	11	M.	5 35	6 17	3 24	9 35
5 37	6 15	4 26	7 15	12	T.	5 36	6 15	4 24	10 21
5 38	6 13	rises	7 54	13	W.	5 37	6 14	rises	11 5
5 39	6 11	6 51	8 29	14	Th.	5 38	6 12	6 51	11 44
5 40	6 9	7 19	9 0	15	F.	5 39	6 10	7 19	ev. 20
5 41	6 8	7 48	9 27	16	S.	5 40	6 8	7 46	55
5 42	6 6	8 19	9 53	17	S.	5 41	6 7	8 16	1 32
5 43	6 4	8 51	10 24	18	M.	5 43	6 5	8 48	2 10
5 44	6 3	9 28	11 0	19	T.	5 44	6 3	9 24	2 50
5 45	6 1	10 9	11 44	20	W.	5 45	6 1	10 5	3 35
5 46	5 59	10 55	ev. 35	21	Th.	5 46	6 0	10 51	4 24
5 47	5 58	11 47	1 36	22	F.	5 47	5 58	11 43	5 17
5 48	5 56	morn	2 43	23	S.	5 48	5 56	morn	6 15
5 49	5 55	46	3 51	24	S.	5 49	5 54	42	7 12
5 50	5 53	1 40	4 54	25	M.	5 50	5 53	1 45	8 8
5 51	5 52	2 58	5 53	26	T.	5 51	5 51	2 55	9 2
5 52	5 50	4 8	6 45	27	W.	5 52	5 49	4 6	9 55
5 53	5 48	5 21	7 34	28	Th.	5 53	5 47	5 20	10 45
5 54	5 46	sets	8 22	29	F.	5 54	5 46	sets	11 35
5 54	5 44	7 16	9 9	30	S.	5 56	5 44	7 14	morn

# OCTOBER, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ First Quar. 5 D.	7 h. 54 m.	6 h. 54 m.	5 h. 54 m.
☾ Full Moon 13 D.	6 h. 2 m.	5 h. 2 m.	4 h. 2 m.
☉ Last Quar. 21 D.	7 h. 50 m.	6 h. 50 m.	5 h. 50 m.
☾ New Moon 28 D.	1 h. 58 m.	0 h. 58 m.	11 h. 58 (27)

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., & Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.	Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard		
5 56	5 43	7 56	9 57	1	S.	5 57	5 42	7 53	32
5 57	5 41	8 42	10 49	2	M.	5 58	5 40	8 39	1 23
5 58	5 39	9 32	11 45	3	T.	5 59	5 39	9 27	2 16
5 59	5 38	10 26	morn	4	W.	6 0	5 37	10 22	3 11
6 0	5 36	11 21	30	5	Th.	6 1	5 35	11 17	4 10
6 1	5 35	morn	2 5	6	F.	6 2	5 33	morn	5 14
6 2	5 33	21	3 18	7	S.	6 3	5 32	17	6 20
6 3	5 31	1 20	4 24	8	S.	6 4	5 30	1 16	7 22
6 4	5 30	2 20	5 19	9	M.	6 6	5 28	2 17	8 22
6 5	5 28	3 18	6 6	10	T.	6 7	5 27	3 16	9 14
6 7	5 27	4 16	6 46	11	W.	6 8	5 25	4 15	9 58
6 8	5 25	5 13	7 23	12	Th.	6 9	5 23	5 13	10 38
6 9	5 23	rises	7 56	13	F.	6 10	5 22	rises	11 14
6 10	5 22	6 20	8 24	14	S.	6 11	5 20	6 18	11 48
6 11	5 20	6 52	8 50	15	S.	6 13	5 19	6 49	ev. 23
6 12	5 19	7 26	9 21	16	M.	6 14	5 17	7 23	59
6 13	5 17	8 5	9 50	17	T.	6 15	5 15	8 1	1 35
6 14	5 16	8 49	10 29	18	W.	6 16	5 14	8 45	2 15
6 15	5 14	9 39	11 11	19	Th.	6 17	5 12	9 34	3 0
6 16	5 13	10 33	ev. 4	20	F.	6 18	5 11	10 28	3 50
6 18	5 12	11 32	1 4	21	S.	6 20	5 9	11 28	4 45
6 19	5 10	morn	2 10	22	S.	6 21	5 8	morn	5 45
6 20	5 9	36	3 19	23	M.	6 22	5 6	33	6 45
6 21	5 7	1 43	4 25	24	T.	6 23	5 5	1 41	7 45
6 22	5 6	2 53	5 25	25	W.	6 24	5 3	2 52	8 42
6 23	5 4	4 5	6 20	26	Th.	6 26	5 2	4 5	9 38
6 24	5 3	5 20	7 13	27	F.	6 27	5 1	5 21	10 30
6 26	5 2	sets	8 8	28	S.	6 28	4 59	sets	11 22
6 27	5 1	6 30	8 51	29	S.	6 29	4 58	6 27	morn
6 28	4 59	7 18	9 48	30	M.	6 31	4 57	7 14	14
6 29	4 58	8 16	10 35	31	T.	6 32	4 55	8 11	1 5

# NOVEMBER, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ First Quar. 3 D.	8 h. 39 m.	7 h. 39 m.	6 h. 39 m.
☾ Full Moon 12 D.	0 h. 11 m.	11 h. 11 (11)	10 h. 11 (11)
☉ Last Quar. 19 D.	8 h. 34 m.	7 h. 34 m.	6 h. 34 m.
☾ New Moon 26 D.	11 h. 47 m.	10 h. 47 m.	9 h. 47 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Ia.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard
5 30	4 57	9 11	11 34	1	W.	6 33	4 54	9 6	1 58
6 31	4 56	10 10	morn	2	Th.	6 34	4 53	10 6	2 52
6 32	4 54	11 11	37	3	F.	6 36	4 51	11 8	3 50
6 34	4 53	morn	1 48	4	S.	6 37	4 50	morn	4 50
6 35	4 52	12	2 53	5	S.	6 38	4 49	9	5 52
6 36	4 51	1 12	3 54	6	M.	6 39	4 48	1 10	6 53
6 37	4 50	2 10	4 47	7	T.	6 41	4 47	2 8	7 49
6 38	4 49	3 7	5 33	8	W.	6 42	4 45	3 7	8 38
6 40	4 48	4 3	6 12	9	Th.	6 43	4 44	4 3	9 22
6 41	4 47	4 59	6 50	10	F.	6 44	4 43	5 1	10 1
6 42	4 46	5 45	7 21	11	S.	6 46	4 42	5 47	10 39
6 43	4 45	rises	7 51	12	S.	6 47	4 41	rises	11 15
6 44	4 44	6 5	8 20	13	M.	6 48	4 40	6 2	11 51
6 46	4 43	6 47	8 51	14	T.	6 49	4 39	6 43	ev. 29
6 47	4 42	7 35	9 26	15	W.	6 51	4 39	7 30	1 7
6 48	4 41	8 26	10 5	16	Th.	6 52	4 38	8 21	1 49
6 49	4 40	9 23	10 50	17	F.	6 53	4 37	9 19	2 33
6 50	4 39	10 24	11 40	18	S.	6 54	4 36	10 21	3 28
6 51	4 39	11 28	ev. 36	19	S.	6 56	4 35	11 25	4 19
6 53	4 38	morn	1 40	20	M.	6 57	4 34	morn	5 17
6 54	4 38	35	2 47	21	T.	6 58	4 34	33	6 19
6 55	4 37	1 42	3 55	22	W.	6 59	4 33	1 42	7 19
6 56	4 36	2 53	5 0	23	Th.	7 0	4 32	2 53	8 19
6 57	4 36	4 6	5 57	24	F.	7 2	4 32	4 7	9 16
6 58	4 35	5 22	6 52	25	S.	7 3	4 31	5 24	10 11
6 59	4 35	6 34	7 46	26	S.	7 4	4 31	6 37	11 5
7 0	4 35	sets	8 36	27	M.	7 5	4 30	sets	11 56
7 2	4 34	6 52	9 29	28	T.	7 6	4 30	6 48	morn
7 3	4 34	7 54	10 21	29	W.	7 7	4 30	7 50	48
7 4	4 34	8 57	11 18	30	Th.	7 8	4 29	8 53	1 40

# DECEMBER, 1905

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
☉ First Quar. 3 D.	1 h. 37 m.	0 h. 37 m.	11 h. 37 m.
☾ Full Moon 11 D.	6 h. 25 m.	5 h. 25 m.	4 h. 25 m.
☉ Last Quar. 19 D.	7 h. 8 m.	6 h. 8 m.	5 h. 8 m.
☾ New Moon 25 D.	11 h. 3 m.	10 h. 3 m.	9 h. 3 m.

New-York City,  
Phila., Conn., New Jersey,  
Penn., O., Ind., & Ill.

MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Ia.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard
7 5	4 34	10 0	morn	1	F.	7 10	4 29	9 57	2 32
7 6	4 33	11 0	16	2	S.	7 11	4 29	10 58	3 25
7 7	4 33	morn	1 16	3	S.	7 12	4 28	12 0	4 22
7 8	4 33	1	2 18	4	M.	7 13	4 28	morn	5 19
7 9	4 32	1 0	3 15	5	T.	7 14	4 28	59	6 15
7 10	4 32	1 55	4 5	6	W.	7 15	4 28	1 55	7 7
7 11	4 32	2 52	4 51	7	Th.	7 16	4 28	2 53	7 56
7 12	4 32	3 47	5 33	8	F.	7 17	4 28	3 49	8 41
7 13	4 32	4 43	6 11	9	S.	7 17	4 28	4 46	9 22
7 14	4 32	5 40	6 46	10	S.	7 18	4 28	5 43	10 4
7 15	4 32	rises	7 20	11	M.	7 19	4 28	rises	10 44
7 15	4 32	5 31	7 54	12	T.	7 20	4 28	5 27	11 22
7 16	4 33	6 22	8 30	13	W.	7 21	4 28	6 18	ev. 3
7 16	4 33	7 17	9 7	14	Th.	7 22	4 28	7 12	44
7 17	4 33	8 17	9 49	15	F.	7 22	4 29	8 14	1 27
7 18	4 33	9 19	10 32	16	S.	7 23	4 29	9 16	2 13
7 18	4 33	10 25	11 21	17	S.	7 24	4 29	10 23	3 1
7 19	4 34	11 30	ev. 14	18	M.	7 24	4 29	11 29	3 55
7 20	4 34	morn	1 11	19	T.	7 25	4 30	morn	4 53
7 20	4 35	37	2 18	20	W.	7 26	4 30	37	5 54
7 21	4 35	1 47	3 26	21	Th.	7 26	4 31	1 48	6 55
7 21	4 36	2 58	4 36	22	F.	7 26	4 31	3 0	7 57
7 22	4 37	4 10	5 40	23	S.	7 27	4 32	4 13	8 58
7 22	4 37	5 21	6 39	24	S.	7 27	4 32	5 25	9 55
7 23	4 38	6 30	7 34	25	M.	7 28	4 33	6 34	10 49
7 23	4 39	sets	8 25	26	T.	7 28	4 33	sets	11 41
7 23	4 39	6 36	9 15	27	W.	7 28	4 34	6 32	morn
7 23	4 40	7 41	10 5	28	Th.	7 29	4 35	7 38	31
7 24	4 40	8 44	10 55	29	F.	7 29	4 36	8 41	1 20
7 24	4 41	9 47	11 47	30	S.	7 29	4 37	9 45	2 10
7 24	4 42	10 45	morn	31	S.	7 30	4 37	10 44	2 59

## Domestic Postage.

**FIRST CLASS.**—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp, when attached to a letter in addition to the lawful postage, entitles the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each; with paid reply, two cents each.

**SECOND CLASS.**—All regular newspapers, magazines, and other periodicals issued at stated intervals, at least four times a year; the postage is **one cent for each four ounces**, payable by postage stamps.

**THIRD CLASS.**—Embraces printed books, pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

**FOURTH CLASS.**—All mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants and scions, which are **1 cent per two ounces**. Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Register all valuable letters and packages. **Registry fee, eight cents**, which, with the postage, must be fully prepaid.

**FEES CHARGED FOR MONEY-ORDERS.**—For Money Orders in denominations of \$100 or less, the following fees are charged: For Orders for sums not exceeding \$2.50, 3 cents; \$2.50 to \$5, 5 cents; \$5 to \$10, 8 cents; \$10 to \$20, 10 cents; \$20 to \$30, 12 cents; \$30 to \$40, 15 cents; \$40 to \$50, 18 cents; \$50 to \$60, 20 cents; \$60 to \$75, 25 cents; \$75 to \$100, 30 cents.

## foreign Postage.

To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof—prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

International Postal Card, two cents.

On Newspapers, Books, Pamphlets, Photographs, Sheet Music, Maps, Engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof.

All matter except Letters must be prepaid. Letters and other packages may be registered on payment of a fee of eight cents.

To **CANADA** (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): **LETTERS, two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; **SECOND CLASS MATTER** same as in the United States; **SAMPLES, one cent per two ounces** (must be paid at least two cents); **MERCHANDISE, one cent per ounce**. Packages must not exceed 4 lbs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

To **MEXICO**: Letters, Postal Cards, and printed matter, same rates as in the United States. **SAMPLES, one cent per two ounces**; **MERCHANDISE** other than samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail.

To **PHILIPPINES, CUBA, GUAM, PORTO RICO, TUTUILA, and HAWAII**, same rates as in the United States.

**LIMITS OF SIZE AND WEIGHT:** Packages of samples of merchandise to all countries must not exceed 12 ozs., nor measure more than 12 inches in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs.

**INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.**—On Money Orders payable in foreign countries the following fees are charged: For Orders for sums of \$10 or less, 10 cents; \$10 to \$20, 20 cents; \$20 to \$30, 30 cents; \$30 to \$40, 40 cents; \$40 to \$50, 50 cents; \$50 to \$60, 60 cents; \$60 to \$70, 70 cents; \$70 to \$80, 80 cents; \$80 to \$90, 90 cents; \$90 to \$100, \$1.00.

## Interest Tables.

4%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO..	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR..	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO..	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.11
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR..	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
4 DAY.	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
20 "	1	1	1	2	2	2	2	3	3	3	33	3.33
24 "	1	1	1	2	2	2	3	3	4	4	40	4.00
1 MO..	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	4	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR..	6	12	18	24	30	36	42	48	54	60	6.00	60.00

## Rules for Computing Interest.

The following will be found to be excellent rules for finding the interest on any principal for any number of days. When the principal contains cents, point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

**Four per Cent.**—Multiply the principal by the number of days to run, and divide by 90.

**Five per Cent.**—Multiply by number of days, and divide by 72.

**Six per Cent.**—Multiply by number of days, and divide by 60.

**Seven per Cent.**—Multiply by number of days, and divide by 52.

**Eight per Cent.**—Multiply by number of days, and divide by 45.

**Nine per Cent.**—Multiply by number of days, and divide by 40.

**Ten per Cent.**—Multiply by number of days, and divide by 36.

**Twelve per Cent.**—Multiply by number of days, and divide by 30.

**Fifteen per Cent.**—Multiply by number of days, and divide by 24.

**Eighteen per Cent.**—Multiply by number of days, and divide by 20.

**Twenty per Cent.**—Multiply by number of days, and divide by 18.

**Twenty-four per Cent.**—Multiply by number of days, and divide by 15.

## Rate of Income on Stocks.

Purchased at the following prices (par value being \$100), and bearing interest at the following rates:

Paid.	3%	4%	5%	6%	7%	8%	9%
\$50	6.00	8.00	10.00	12.00	14.00	16.00	18.00
55	5.45	7.27	9.09	10.90	12.72	14.55	16.36
60	5.00	6.67	8.33	10.00	11.66	13.33	15.00
65	4.62	6.15	7.69	9.23	10.76	12.30	13.85
70	4.28	5.71	7.14	8.57	10.00	11.42	12.85
75	4.00	5.33	6.66	8.00	9.33	10.66	12.00
80	3.75	5.00	6.25	7.50	8.75	10.00	11.25
85	3.53	4.70	5.88	7.05	8.23	9.41	10.58
90	3.33	4.44	5.55	6.66	7.77	8.88	10.00
91	3.30	4.40	5.49	6.59	7.69	8.79	9.89
92	3.26	4.34	5.43	6.52	7.60	8.70	9.78
93	3.23	4.30	5.38	6.45	7.53	8.60	9.68
94	3.19	4.26	5.32	6.38	7.45	8.51	9.57
95	3.15	4.21	5.26	6.31	7.36	8.42	9.47
96	3.13	4.17	5.21	6.25	7.29	8.33	9.38
97	3.09	4.12	5.15	6.18	7.22	8.25	9.28
98	3.06	4.08	5.10	6.12	7.14	8.16	9.18
99	3.03	4.04	5.05	6.06	7.07	8.08	9.09
101	2.97	3.96	4.95	5.94	6.93	7.92	8.91
102	2.94	3.92	4.90	5.88	6.86	7.84	8.82
103	2.91	3.88	4.85	5.83	6.80	7.77	8.74
104	2.88	3.85	4.81	5.77	6.73	7.69	8.65
105	2.86	3.80	4.76	5.71	6.66	7.61	8.57
106	2.83	3.77	4.72	5.66	6.60	7.55	8.49
107	2.80	3.74	4.67	5.61	6.54	7.48	8.41
108	2.78	3.70	4.63	5.56	6.48	7.41	8.33
109	2.75	3.67	4.59	5.50	6.42	7.34	8.26
110	2.72	3.63	4.54	5.45	6.36	7.27	8.18
120	2.50	3.33	4.16	5.00	5.83	6.66	7.50

## Weekly Table of Wages.

Week	1 hour	2 hours	3 hours	4 hours	5 hours	6 hours	1 day	2 days	3 days	4 days	5 days	6 days
\$1.50	3	6	9	12	15	18	21	24	27	30	33	36
2.00	4	8	12	16	20	24	28	32	36	40	44	48
3.00	6	12	18	24	30	36	42	48	54	60	66	72
4.00	8	16	24	32	40	48	56	64	72	80	88	96
5.00	10	20	30	40	50	60	70	80	90	100	110	120
6.00	12	24	36	48	60	72	84	96	108	120	132	144
7.00	14	28	42	56	70	84	98	112	126	140	154	168
8.00	16	32	48	64	80	96	112	128	144	160	176	192
9.00	18	36	54	72	90	108	126	144	162	180	198	216
10.00	20	40	60	80	100	120	140	160	180	200	220	240
11.00	22	44	66	88	110	132	154	176	198	220	242	264
12.00	24	48	72	96	120	144	168	192	216	240	264	288
13.00	26	52	78	104	130	156	182	208	234	260	286	312
14.00	28	56	84	112	140	168	196	224	252	280	308	336
15.00	30	60	90	120	150	180	210	240	270	300	330	360
16.00	32	64	96	128	160	192	224	256	288	320	352	384
17.00	34	68	102	136	170	204	238	272	306	336	366	396
18.00	36	72	108	144	180	216	252	288	324	354	384	414

This Table is based upon the usual calculation of 9 hours to a day.

## Weights—Measures.

**MEASURES OF WEIGHT.**—*Avoirdupois*: 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy*: 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries*: 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric*: 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

**MEASURES OF LENGTH.**—*Customary*: 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric*: 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

**SURFACE OR SQUARE MEASURE.**—*Customary*: 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric*: 1 square metre equals 10.764 square feet; 100 square metres equal 1 are; 1 hectare equals 100 ares, or 2.471 acres.

**SOLID OR CUBIC MEASURE.**—*Customary*: 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch—usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric*: 1000 cubic centimetres equal 1 litre; 1 litre equals 1.0567 quarts.

**LIQUID MEASURE.**—English gallon equals 277.274 cubic inches, or 1.20037 U. S. gallons; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

**DRY MEASURE.**—1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric*: 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 0.908 dry quart.

### CAPACITY OF BOXES.

25 in. sq., 11.66 in. deep	=	Approx. 1 wine barrel.
20 " " 9.10 " "	=	" " 1 wine half barrel.
17 "x 14 in. 9.00 " "	=	" " 1 bushel.
10 "x 12 " 9.00 " "	=	" " ½ "
8 " sq., 8.40 " "	=	" " 1 peck.
8 " " 4.20 " "	=	" " 1 gal. (dry measure).
7 " diam., 6.00 " "	=	" " 1 gal. (liquid measure).

## The Metric System.

The Metric System of Weights and Measures has been legalized by act of Congress, July 18, 1896.

**METRIC WEIGHTS.**—10 milligrams make 1 centigram, 10 centigrams 1 decigram, 10 decigrams 1 gram, 10 grams 1 dekagram, 10 dekagrams 1 hektogram, 10 hektograms 1 kilogram, 1,000 kilograms 1 metric ton.

**METRIC MEASURES.**—(One milliliter equals cubic centimeter.) 10 milliliters make 1 centiliter, 10 centiliters 1 deciliter, 10 deciliters 1 liter, 10 liters 1 dekaliter, 10 dekaliters 1 hektoliter, 10 hektoliters 1 kiloliter.

**METRIC LENGTHS.**—10 millimeters make 1 centimeter, 10 centimeters 1 decimeter, 10 decimeters 1 meter, 10 meters 1 dekameter, 10 dekameters 1 hektometer, 10 hektometers 1 kilometer.

### APPROXIMATE EQUIVALENTS.

A meter is about a yard; a kilo is about 2 pounds; a liter is about a quart; a centimeter is about ½ inch; a metric ton is about same as an ordinary ton; a kilometer is about ½ mile; a cubic centimeter is about a thimbleful. A nickel five-cent piece of our coinage is a handy key to metric measures and weights. It is two centimeters in diameter and weighs five grams.

### PRECISE EQUIVALENTS.

1 acre equals .4047 hectar; 1 bushel, 35.24 liters; 1 centimeter .3937 inch; 1 cubic centimeter, .0610 cubic inch; 1 cubic foot, .0283 cubic meter; 1 cubic inch, 16.39 cubic cent.; 1 cubic meter, 35.31 cubic feet; 1 cubic meter, 1.308 cubic yards; 1 cubic yard, .7645 cubic meter; 1 foot, 30.48 centimeters; 1 gallon, 3.785 liters; 1 grain, .0648 gram; 1 gram, 15.43 grains; 1 hectar, 2.471 acres; 1 inch, 25.40 millimeters; 1 kilogram, 2.05 pounds; 1 kilometer, .6214 mile; 1 liter, .9081 quart (dry); 1 liter, 1.057 quart (liquid); 1 meter, 3.281 feet; 1 mile, 1.609 kilometers; 1 millimeter, .0394 inch; 1 ounce (avd.), 28.35 grams; 1 ounce (Troy), 31.10 grams; 1 peck, 8.809 liters; 1 pint, .4732 liter; 1 pound, .4536 kilogram; 1 quart (dry), 1.101 liters; 1 quart (liquid), .9464 liter; 1 sq. centimeter, .1550 sq. inch; 1 sq. foot, .0929 sq. meter; 1 sq. inch, 6.452 sq. cent.; 1 sq. meter, 1.196 sq. yards; 1 sq. meter, 10.76 sq. feet; 1 sq. yard, .8361 sq. meter; 1 ton (2,000 lbs.), .9072 metric ton; 1 ton (2,240 lbs.), 1.017 metric ton; 1 ton (metric), 1.102 ton (2,000 lbs.); 1 ton (metric), 9.842 ton (2,240 lbs.); 1 yard, .9144 meter.

# PRESIDENTS OF THE UNITED STATES.

Names.	Born.	Inaugurated.	In Office.	Died.	Native of
George Washington.	Feb. 22, 1732	April 30, 1789	8 years....	Dec. 14, 1799	Virginia.
John Adams.....	Oct. 30, 1735	Mar. 4, 1797	4 " " " "	July 4, 1826	Mass.
Thomas Jefferson ..	April 2, 1743	" 4, 1801	8 " " " "	July 4, 1826	Virginia.
James Madison.....	Mar. 16, 1751	" 4, 1809	8 " " " "	June 28, 1836	" "
James Monroe .....	April 2, 1759	" 4, 1817	8 " " " "	July 4, 1831	" "
John Quincy Adams.	July 11, 1767	" 4, 1825	4 " " " "	Feb. 23, 1848	Mass.
Andrew Jackson ...	Mar. 15, 1767	" 4, 1829	4 " " " "	June 8, 1845	S. Carol.
Martin Van Buren...	Dec. 5, 1782	" 4, 1837	4 " " " "	Dec. 27, 1862	New York.
William H. Harrison.	Feb. 9, 1773	" 4, 1841	1 month....	April 4, 1841	Virginia.
John Tyler.....	Mar. 20, 1790	April 5, 1841	3 yrs. 11 m.	Jan. 17, 1862	" "
James K. Polk.....	Nov. 2, 1795	Mar. 4, 1845	4 years....	June 15, 1849	N. Carol.
Zachary Taylor .....	Nov. 24, 1790	" 4, 1849	1 yr. 4 m.	July 9, 1850	Virginia.
Millard Fillmore ..	May 7, 1800	July 10, 1850	2 yrs. 8 m.	Mar. 8, 1874	New York.
Franklin Pierce.....	Nov. 23, 1804	Mar. 4, 1853	4 years....	Oct. 8, 1869	N. Hamp.
James Buchanan .....	April 23, 1791	" 4, 1857	4 " " " "	June 1, 1868	Pennsylvania.
Abraham Lincoln ...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 d.	April 15, 1865	Kentucky.
Andrew Johnson....	Dec. 29, 1808	April 15, 1865	3 yrs. 11 m.	July 31, 1875	N. Carol.
Ulysses S. Grant ...	April 27, 1822	Mar. 4, 1869	8 years....	July 23, 1885	Ohio.
Rutherford B. Hayes	Oct. 4, 1822	" 5, 1877	4 " " " "	Jan. 17, 1893	" "
James A. Garfield...	Nov. 19, 1831	" 4, 1881	6 m. 15 d.	Sept. 19, 1881	Vermont.
Chester A. Arthur...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 m.	Nov. 18, 1886	N. Jersey.
Grover Cleveland....	Mar. 18, 1837	Mar. 4, 1885	4 years....	.....	Ohio.
Benjamin Harrison...	Aug. 20, 1833	" 4, 1889	4 " " " "	Mar. 13, 1901	N. Jersey.
Grover Cleveland ...	Mar. 18, 1837	" 4, 1893	4 " " " "	.....	Ohio.
William McKinley ..	Jan. 29, 1843	" 4, 1897	4 yrs. 6 m.	Sept. 14, 1901	Ohio.
Theodore Roosevelt.	Oct. 27, 1858	Sept. 14, 1901	.....	.....	New York.

## Presidents.

## Weather Signals.



NO. 1. Fair Weather. NO. 2. Rain or Snow. NO. 3. Local rain or Snow. NO. 4. Temperature. NO. 5. Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.  
 No. 2, alone, indicates rain or snow, stationary temperature.  
 No. 3, alone, indicates local rain or snow, stationary temperature.  
 No. 1, with No. 4 above it, indicates fair weather, warmer.  
 No. 1, with No. 4 below it, indicates fair weather, colder.  
 No. 2, with No. 4 above it, indicates rain or snow, warmer.  
 No. 2, with No. 4 below it, indicates rain or snow, colder.  
 No. 3, with No. 4 above it, indicates local rain or snow, warmer.  
 No. 3, with No. 4 below it, indicates local rain or snow, colder.

### STORM AND HURRICANE WARNINGS.



N. E. Winds. S. E. Winds. N. W. Winds. S. W. Winds. Hurricane.

**STORM WARNINGS.**— A red flag with a black center indicates a storm of marked violence.  
 The pennants displayed with flags indicate direction of wind — red, easterly; white, westerly; pennant above flag indicates wind from northerly quadrants; below, from southerly quadrants.  
 By night a red light indicates easterly winds, white light above red, westerly winds.  
 Two red flags with black centers indicate approach of tropical hurricanes.  
 No night hurricane signals are displayed.

## Principal Cities.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1900.	Miles	Hours	Stan. Time	
				- } Mean	+ } Time.
New-York, N. Y. ....	3,437,202	.....	.....	-	4 m.
Chicago, Ill. ....	1,698,575	912	24.	-	9
Philadelphia, Pa. ....	1,293,697	90	2.	+	1
St. Louis, Mo. ....	575,238	1065	29.40	+	1
Boston, Mass. ....	560,892	234	5.	-	16
Baltimore, Md. ....	508,957	188	4.09	+	6
Cleveland, Ohio ....	381,768	595	14.20	+	27
Buffalo, N. Y. ....	352,387	410	8.20	+	16
San Francisco, Cal. ....	342,782	3269	100.15	+	10
Cincinnati, Ohio ....	325,902	757	21.10	-	22
Pittsburgh, Pa. ....	321,616	444	12.	+	20
New Orleans, La. ....	287,104	1371	48.	-	0
Detroit, Mich. ....	285,704	646	16.55	-	28
Milwaukee, Wis. ....	285,315	997	27.10	-	8
Washington, D. C. ....	278,718	228	5.25	+	8
Newark, N. J. ....	246,070	10	.30	-	3
Louisville, Ky. ....	204,731	867	24.30	-	18
Minneapolis, Minn. ....	202,718	1332	39.	+	12
Providence, R. I. ....	175,597	188	4.01	-	14
Indianapolis, Ind. ....	169,164	825	22.30	-	16
Kansas City, Mo. ....	163,752	1385	41.30	+	19
St. Paul, Minn. ....	163,065	1322	38.40	+	12
Rochester, N. Y. ....	162,608	371	6.55	+	11
Denver, Col. ....	133,859	1974	60.	-	0
Toledo, Ohio. ....	131,822	706	17.30	-	16
Columbus, Ohio ....	125,560	540	17.	-	28
Worcester, Mass. ....	118,421	190	5.	-	13
Syracuse, N. Y. ....	108,374	291	5.28	+	5
Omaha, Neb. ....	102,555	1402	41.30	+	14
Los Angeles, Cal. ....	102,479	3177	100.	-	7
Albany, N. Y. ....	94,151	143	2.45	-	5
Portland, Ore. ....	90,426	3226	112.30	+	20
Grand Rapids, Mich. ..	87,565	934	23.08	-	17
Seattle, Wash. ....	80,671	3358	120.	+	10
Des Moines, Iowa ....	62,139	1270	41.	+	14
Savannah, Ga. ....	54,244	904	31.	+	24
Salt Lake City, Utah. ..	53,531	2471	72.	+	28
Lincoln, Neb. ....	40,169	1460	30.30	+	22
Tacoma, Wash. ....	37,714	3209	128.	+	9

## Foreign Coins.

DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso. ....	Spain. ....	\$4.80.
Boliviano. ....	Bolivia. ....	.69.8
Crown. ....	Nor'y, Swed'n, Den'k.	.26.8
Dollar. ....	British America. ....	1.00.
"	Mexico. ....	.75.8
"	Spain. ....	.94.
Drachma. ....	Greece. ....	.19.3
Florin. ....	Austria. ....	.34.5
"	Netherlands. ....	.40.2
Franc. ....	France, Belg., Switz. ..	.19.3
20 Kroner. ....	Nor'y, Swed'n, Den'k.	5.25.
Lira. ....	Italy. ....	.19.3
Mark. ....	German Empire. ....	.23.8
Milreis of 1000 reis. ....	Brazil. ....	.54.6
"	Portugal. ....	1.08.
Peseta of 100 centimes. ....	Spain. ....	.19.3
Peso. ....	Chili. ....	.91.2
"	Cuba. ....	.92.6
Piaster. ....	Egypt. ....	.04.9
"	Turkey. ....	.04.4
Pound Sterling (Sovereign)	England. ....	4.87.
Roubie of 100 copecks. ....	Russia. ....	.55.8
Shilling. ....	England. ....	.24.
Sol. ....	Peru. ....	.69.8
Thaler (3 marks). ....	Germany. ....	.70.
Yen. ....	Japan. ....	.88.8

### Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner = 100 öre. UNITED STATES, 1 dollar = 100 cents. SPAIN, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.



## Help in Case of Accidents.

**DROWNING.**—1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after **HOURS** of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give **WARM** drinks, or spirits in teaspoonfuls, fresh air, and quiet.

**SUNSTROKE.**—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

**HÆMORRHAGE.**—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

**FIRE IN A BUILDING.**—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

## Help in Case of Accidents.

**BURNS AND SCALDS.**—Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

**SUFFOCATION FROM INHALING ILLUMINATING GAS.**—Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water, at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

**TESTS OF DEATH.**—Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain; if alive, it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark.

**MAD DOG OR SNAKE-BITE.**—Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whisky, brandy, etc.

**FIRE IN ONE'S CLOTHING.**—*Don't run*—especially not downstairs or out-of-doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down, so as not to inhale flame.

**FIRE FROM KEROSENE.**—*Don't use water*, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woolen rug, table-cloth, or carpet.

**CINDERS IN THE EYE.**—Roll soft paper up like a lamp lighter, and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

**FAINTING.**—Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

**STINGS OF VENOMOUS INSECTS, ETC.**—Apply weak ammonia, oil, salt water, or iodine.

**LIGHTNING.**—Dash cold water over a person struck.

## Poisons and Antidotes.

**FIRST.**—Send for a physician.

**SECOND.**—**INDUCE VOMITING**, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

*Acids are antidotes for alkalies, and vice versa.*

**ACIDS, MINERAL.**—Chalk, magnesia (plaster off wall in emergency), solution carbonate of soda, emollient drinks, fixed oils.

**ACID, CARBOLIC.**—Any soluble sulphate, such as magnesia.

**ACID, HYDROCYANIC.**—Fresh air and artificial respiration, with cold effusion. Ammonia by inhalation and intravenously in vein of leg.

**ACONITE.**—Emetics, stimulants, external and internal; keep up external heat, keep flat on back.

**ANTIMONY TART.**—Vegetable acids, such as tannic acid, catechu.

**ARSENIC.**—Freshly precipitated hydrated sesquioxide of iron made by adding magnesia to any iron solution.

**ATROPIA.**—Same as Belladonna.

**BELLADONNA.**—Emetics—mustard flour in water; give physostigma or pilocarpine; cold to head.

**CANTHARIDES.**—Emetics, emollient drinks, opiates by mouth and rectum, large draughts of water to flush kidneys.

**CHLORINE WATER.**—Albumen, white of egg, milk, flour.

**CHLOROFORM.**—Fresh air, artificial respiration (inclining head down, pull tongue forward), brandy and ammonia intravenously in leg, the **HYPODERMIC** injection of 15 m. tincture of digitalis and 1-60 of a grain of atropine.

**COLCHICUM.**—Emetics, followed by demulcent drinks. If coma be present brandy, ammonia, coffee. Opium in large dose. Keep up external heat.

**CONIUM.**—Emetics, followed by stimulants external and internal.

**CORROSIVE SUBLIMATE.**—Albumen, white of egg (4 gr. sublimate require white of one egg), flour, milk. Equal parts of lime water and milk. Emetics, or evacuate stomach by pump.

## Poisons and Antidotes.

**COPPER SULPH.**—Yellow prussiate of potash or soap.

**CROTON OIL.**—Emetics; wash out stomach, followed by mucilaginous fluids, containing opium.

**DIGITALIS.**—Recumbent posture after emetics. Emetics and opium; give tincture aconite.

**ELATERIUM.**—Demulcent drinks, enemata of opium, and external heat.

**HYOSCYAMUS.**—Stomach pump, emetics, stimulants external and internal, physostigma and pilocarpine.

**ILLUMINATING GAS.**—Hypodermic injections of nitroglycerin are recommended by Kloman, of Baltimore.

**IODINE.**—Emetics and demulcent drinks, starch or flour diffused in water, opium and external heat.

**LEAD SALTS.**—Any soluble sulphate, either magnesia or soda, succeeded by emetics, and afterwards by opium and milk.

**LOBELLA.**—Stimulants externally and internally; external heat.

**MORPHINE.**—Same as opium.

**NUX VOMICA.**—30 grs. of chloral and 60 grs. of bromide of potash. Nitrite of amyl.

**OPIUM.**—Atropine hypodermically till respirations number 8 per minute. Stomach pump, stimulants, external and internal, brandy and coffee, cold affusion, ammonia to nostrils, galvanic shocks, compelling to move about, artificial respiration, electric brush. Permanganate of Potash.

**OXALIC ACID.**—Lime, not potash or soda.

**PHOSPHORUS.**—Sulphate of copper in emetic dose as chemical antidote. No oils. Emetics and purgatives.

**POTASH AND SODA SALTS.**—Dilute acetic acid, citric acid, lemon juice, fixed oils, demulcents, vinegar.

**SILVER NITRATE.**—Solution of common salt and demulcent drinks. Emetics.

**STRAMONIUM.**—Same as Belladonna.

**STRYCHNINE.**—Same as Nux Vomica.

**TOBACCO.**—Emetic, stimulants, external and internal, strychnine, external heat.

**ZINC SALTS.**—Carbonate of soda, emetics, warm demulcent drinks.

**Things  
Easily forgotten.**

No. of Watch Case.....

No. of Works.....

No. of Bank Book .....

No. of Bicycle .....

My Weight on .....lbs.

Height.....

Size of my Hat.....Gloves .....

“ Hosiery .....Collar .....

“ Cuffs .....Shoes .....

“ Drawers.....Shirt .....

This book belongs to  
.....  
.....

In case of accident notify  
.....  
.....

Wea.                      SUN. JAN. 1, 1905                      Ther.

Clear, calm, very mild the streets  
afloat with the melting snow.  
I was taken with a mild attack of the  
grippe on Friday & spent yesterday in bed.  
I was up most of to-day lying in  
the window seat of my room. Saw a  
Creeper, a Tit-belted & a Hairy Woodpecker  
in the cedars. Then Downies in  
the Catalpa tree in the garden at  
noon.

C. has also been ill since Friday.  
Miss Henders from St. Margaret's is well as.

Wea.                      MONDAY-2                      Ther.

Heavy easterly rain storm changing  
to snow at night.  
Spent most of day in my  
room.

Wea.

TUES. JAN. 3, 1905

Ther.

More rain in the forenoon changing  
to snow at evening & snowing rather  
heavily all night.

Got down floras this morning  
& have most of the day in my  
desk.

Wea.

WEDNESDAY 4

Ther.

Clearing & colder. Almost a foot  
of snow now.

Got out to the museum both  
evening & afternoon. Too well to  
do would have made a few others

Wea.

THUR. JAN. 5, 1905

Ther.

Briefly clear with dry cold air.

Spent day in museum working for a  
few hours on introduction to  
Cambridge Birds. Walked to  
Glennard after dinner. C. went  
out this afternoon - to a concert at  
Brattle Hall.

Wea.

FRIDAY 6

Ther.

Cloudy with snow flurries in  
intervals through the day.

Working in the museum, evening  
& afternoon, on the introduction  
to Cambridge Birds. I seem to  
have lost what little gift of  
efficiency I once possessed but  
the work, nevertheless, is nearing  
its end.

Miss Henders returned to St. Margaret  
today. H. W. Henshaw dined with me  
& left the evening before.

Wea.

SAT. JAN. 7, 1905

Ther.

A terrific S. E. storm began last night & continued well into the forenoon killing off most of the snow.

I worked on the collection all day. Gilbert went to Concord. No calls.

Wea.

SUNDAY 8

Ther.

Brilliantly clear with light W. wind. Cool but not chilly.

To morning dinner at St. John's with C. at 8.30. Afterwards called at the Hoyers' and later on Sam Henshaw with whom I spent an hour or more. Will & Alice Stone dined with us & spent the whole afternoon. I bought a Canary last night & am keeping it in my study in the museum. It is a soft low singer.

Wea.

MON. JAN. 9, 1905

Ther.

Clear & cool with light W. wind.

To Boston 10.30 a.m. Went to vaults with Mackintosh, all coupons from Fisk taking bonds. Took \$30000. policies to Hospital Bldg & collected January interest.

A. H. Dunham brought a trunk full of Alaska bird skins to office by appointment at noon. I bought an Emperor Goose, Spectacled Bittern, Green Heron Crane, Ptarmigan, Dove ad. & chick, Pacific Godwit & Ruffed Grouse \$35.00 worth with they are from Alaska.

Wea.

TUESDAY 10

Ther.

Clear & cool with strong N. W. wind.

Spent day in Museum. Worked on introduction in A. S. H., spent P. M. talking with W. W. Henshaw who arrived just after lunch. Mary Greenough took lunch with C. & me.

A solitary Robin spent entire day in the Garden.

Had a letter from J. J. Pike of New York offering to give me an ad. to Boston & back for \$1500.

Wea. WED. JAN. 11, 1905 Ther.

Clear & frosty with clouds gathering towards night.

Walked all the forenoon on my introduction. To Semitic Museum at 4 P. M. to hear Prof. Byron lecture on ancient relics from Palestine. It was at a meeting of the Academy. Dr. Walcott, Dr. Folsom, E. S. Mearns, W. Davis, & a few others I know were there. H. W. Henshaw, Sam. Henshaw, Walter, Gump & Henry Deane, Parker & Irving Simmons dined with us at 7 & home the evening.

Wea. THURSDAY 12 Ther.

Cloudy with heavy rain all day.

Spent day in Museum working on my introduction. Irving Talm came to lunch & Dr. Townsend to evening. There in late P. M. most of the snow has gone again & the streets are a good deal. Chickadees, Downys & occasionally a Nuthatch come to our house. I see few other birds except Crows.

Wea. FRI. JAN. 13, 1905 Ther.

A. M. clear; P. M. cloudy, a raw day.

Worked on introduction all the morning. Walked to Elmwood after lunch. Returning found H. W. Henshaw in Museum. He dined with me & spent the evening. We had a long & delightful talk about the days of our youth and our early collecting experiences. C. Macomber was at the Bee which met at the Elms.

Wea. SATURDAY 14 Ther.

Clear & frosty with harsh N. wind.

Worked all day on the introduction. I fear it will never be finished. I fully expected this week to see the end of it but alas! the work is not yet.

No callers. I see few birds now. Even the Chickadees & Downys have neglected the front of Lot, My Canary is here by my house, & I find her low sweet voice in apparently cheerful tone these frosty cold days.

Wea.

SUN. JAN. 15, 1905

Ther.

Clear and cold with light N. wind  $6^{\circ}$   
22°

To St. Johns for early dinner with C.  
We afterwards called on the 'Prayers'  
where C. spent the morning. I returned  
and wrote letters in the Museum until  
dinner time. Harry & May Cunningham  
dined and spent the afternoon when  
the Muirheads & Mrs. Bates called.  
I spent the evening at the Always.

Wea.

MONDAY 16

Ther.

Clear & warm but yet a cold or  
at least frosty day.

Worked on the introduction all the  
forenoon. Roland Hayward and  
E. H. Forbush called in P. M.  
Museum Club meeting this evening.

A Harry Woodpecker (♀) & one or  
two Downies visited the bird box.  
The Harry did not eat any of it.

Wea.

TUES. JAN. 17, 1905

Ther.

Clear, mild, calm.

Worked on my introduction all  
the forenoon. H. W. Henshaw arrived  
at 12.30, lunched with C. & me, spent  
the whole afternoon, and stayed to tea.  
We had another good long talk about  
old times. Pearson of No. Carolina  
called in P. M. to ask my advice about  
Nat. Aud. Soc. matters & to solicit money.  
I gave him 100. & took a life membership  
in return. Flicker in garden.

Wea.

WEDNESDAY 18

Ther.

Cloudy and mild

Worked on the main body of  
Cambridge list in A. M.

Walked to the 'Prayers' with C.  
after lunch. Returning found John S. Thayer  
in Museum. He stayed about 2 hours  
& I showed him skins.

George Fairweather, Walter Deane,  
Custace Wellstone & Emily Wellstone  
dined with us at 7 & spent evening.

Wea. THUR. JAN. 19, 1905 Ther.

Clear & warm with light S.W. wind 47°

Spent forenoon working on the Cambridge Cor. A 11.15 took electric to Boston where I met and dined with H. W. Henshaw at Athletic Club.

We then spent about 2 hrs. at Mrs. Jack Gardner's museum. Met Alice Hayes there. I afterwards went to Goodspeed's to buy a Beech pattern & some old books. Home at 7 P.M.

Wea. FRIDAY 20 Ther.

Clear & very mild - just like the middle or last of March.

Spent A.M. on the Cambridge Cor. H. W. Henshaw came at 2 P.M. & spent the afternoon. He starts for Washington alone to-night.

C. & I took electric car for Boston at 5.40 to dine with Mr. Bennett at the Union Club. We went to his room, afterwards & took him from library, dining back to Cambridge on a conveyance at 10 P.M. Heard a Downy coming home

Wea. SAT. JAN. 21, 1905 Ther.

Morning clear; afternoon cloudy. Cooler.

Spent day in Museum working on the Cambridge Cor. No callers. C. went to Andover to see my cousins & Cousin Greenough, Gilbert to Concord where he found that the water pipes at the farm had frozen.

Heard a Downy downing steadily in an afternoon of the 18<sup>th</sup> in an inner place & another that was this morning. It is very early in the season for this to begin this season.

Wea. SUNDAY 22 Ther.

Cloudy with a light drizzle of rain falling a trifling snowfall that occurred last night - a dirty, dreary day.

To St. John at 8.30 with C. Afternoon went with her to the Haynes. Returned to the Museum at 9.30 & spent the remainder of the forenoon writing letters. Geo. V. Bennett & Sam. Henshaw dined with us at 1.30 & stayed until 5 P.M. We had a good long talk in the Museum. No other callers. C. read "The Popinjays" to me in the evening.



Wea.

MON. JAN. 23, 1905

Ther.

Clear and rather cold with brisk N. W. wind.

Spent day in Museum working on the Cambridge Case. C. was in Boston from 9 to 4 P. M. Mr. Mackintosh called about estate matters at 8.30 A. M. and Batchelder to discuss my paper at 3 P. M. No other visitors. No birds save a chick alone or two.

Wea.

TUESDAY 24

Ther.

6°

Clear and cold.

Spent day in Museum working on the Cambridge Case. No calls. Saw three Crows fly over the lawn in the early morning. Blue jays (2, I think) were seen in the garden in the late afternoon. My bulbs are behaving badly. The tulips are about to be broken down after flowering. The large yellow daffodils are very good, however.

Cambridge <sup>my</sup> "We Die" depression

Wea.

WED. JAN. 25, 1905

Ther.

Heaviest snow storm of the winter thus far, the wind blowing a gale from the N. E., & drifting the snow so badly that its depth can only be guessed at. Probably at least a foot has fallen during the day.

Worked morning & afternoon on the Cambridge Case. No calls until evening when Batchelder, Goodale, W. Deane, Jeffries, Townsend, Rand, Hayler, Jackson & Sherman came to my "We Die" depression. Chatburn also being absent. C. had provided a wonderful, extra piece for the table, a zinc tank filled in furnace water & half full of water in which were 4 live young Darters besides Goldfish & Polly wog.

Wea.

THURSDAY 26

Ther.

Clear & cold with N. W. wind

Worked all day on the Cambridge Case. No calls & no birds. C. all with a severe headache. Miss Henders arrived at 7 P. M. to take care of her. I spent the evening reading.

Wea.

FRI. JAN. 27, 1905

Ther.

Clear, calm, not very cold.  
 Huge snow drifts under the house  
 but there are also spaces of bare ground.

Spent day in Museum working  
 on the Cambridge birds. I am now writing  
 the last of the doubtful birds such as  
 the Crane & the Bobolink Duck which  
 I deal to-day. Everything else seems to  
 be finished but of them I am not sure.  
 No calls, no birds. C. would better for  
 in bed. Dined at the Walter Deans at  
 7 with Walter, Maria, George & Harry Deans  
 & the two Misses Davenport of Boston.

Wea.

SATURDAY 28

Ther.

Cloudy with flurries of snow. Mild.

Spent entire day in Museum  
 working on the Cambridge birds.  
 No calls, no birds.  
 Sister Francis came in the afternoon  
 to see C, who is still in bed  
 although much better.

Sent an open letter to Country  
 Life, in American, asking an  
 editor to state positively how  
 the magazine of Eastern Ornithology  
 J. Brewster's recent articles on Spizella &  
 of such other specimens

Wea.

SUN. JAN. 29, 1905

Ther.

Clear, calm, rather cold.

Called on Sam Henshaw at 10.30  
 & spent an hour with him. Returning  
 wrote letters in Museum until 1.30  
 when Raymond Emerson arrived  
 to dine with Miss Handers & me, C.  
 being still confined to her room.  
 Raymond & I spent the afternoon in  
 my study discussing birds & books.  
 Read in my den in the evening.

Wea.

MONDAY 30

Ther.

Cloudy & chilly but not cold.

Spent day in Museum working  
 on the Cambridge paper.  
 Mr. James Hayward called in  
 about 1 P.M.  
 A Flicker, 2 Blue Jays &  
 a Downy in the garden this  
 morning.

Wea. TUES. JAN. 31, 1905 Ther.

Partly cloudy, calm, cold.

Working all day as usual now, on the Cambridge Birds. No calls, no birds. S. up & in her "sitting room" again.

Wea. WED. FEB. 1 Ther.

Clear & cold, no wind

Spent day in Museum working on the Cambridge Birds. I am burrowing deep into the works of Newton, Wood & Jolyon now. The calls saw Mr. James Hayward who dropped in for a minute while we were in about dark. Blue jays screaming in the garden.

Sitta Carolinensis giving the wai-wai-wai song at about regular intervals 8.30 AM. Ther. 10° at the time

Wea. THUR. FEB. 2, 1905 Ther.

Clear, calm, cold.

Another day of hard work on the early N.E. arrivals. They are giving me a pile of trouble. I have hardly been out of my grounds for a week now.

Blue jays screaming about the house in the forenoon. C. in her morning basket all day. Marie Chambers Hill with us. 3 Crows & a Brown Creeper seen in garden.

Wea. FRIDAY 3 Ther.

Clear and cold.

Working on the Cambridge Birds all day. Walked to Elmwood just after breakfast, no calls, but few birds.

Wea.

SAT. FEB. 4, 1905

Ther.

0°

Clear, cold, calm

16°

Working all day on Cambridge Birds  
C. did not go out. Mrs. Andrews returned  
to St. Margaret's last night but she will  
come back to us to-morrow.

Mr. Greenlee was my only caller. He  
came just after lunch to say that he  
will take a five year lease of the  
Paton house from March 1.

C. read Kollopi's "Dr. Thome" to me  
this evening.

Wea.

SUNDAY 5

Ther.

10°

Clear, cold, calm

24°

Called on Sam Henshaw after  
breakfast. Returned to Museum  
& wrote letters until 1.30.

After dinner went in town,  
met George Fausworth by appointment  
at Athletic Club & with him called  
on Frank Manning. Stayed an hour  
& then came home. Will & Alice.

Stone called to consult me about  
a good plan that he is to design  
for C. for my library.

Wea.

MON. FEB. 6, 1905

Ther.

32°

Slight snow-fall, about 4 inches/  
with N. E. wind

Spent day in Museum working  
on the Cambridge Birds. I am  
revising the main body of the text  
again & I find very many passages  
that require correction & a few  
that have to be rewritten although  
I have read them all already a dozen  
times or more. Big Natural meeting this  
evening. 23 members. Papers by  
Forbes & Clark both discussed.

Wea.

TUESDAY 7

Ther.

Cloudy with light flurries  
of snow, colder.

Spent day in Museum revising  
text of Cambridge Birds.

no callers, no birds in garden.

C. confined to her room still.  
Harry Cunningham writes me that

I am certainly not descended  
from Eldon Wilton Brewster.

Frank M. Chapman arrived at 6 P.M.  
to spend the night. We talked in the  
den all the evening.

Wea.

WED. FEB. 8, 1905

Ther.

Clear, cold ~~not~~ not cold  
 Spent a. m. in Museum talking with  
 Chapman. We went to Boston after dinner

DP  
 10°

~~Working on Cambridge birds all  
 day. C. did not go out.  
 Miss Henderson went to Boston  
 late night & has not yet returned.  
 Mr. Greenslet was my only  
 caller. He came just after  
 dinner to say that he will  
 take the Paton house for some  
 years from Oxford, & he to return  
 to New York, I. to attend a meeting  
 of Acad. Soc. Directors at Mrs. Cabot's~~

Wea.

THURSDAY 9

Ther.

Cloudy with light snow fall  
 about 4 inches. Mild.

Spent day in museum working  
 on the final revision of the  
 text of the Cambridge Birds  
 George Parthen of Bedford called  
 in P. M. C. came down to  
 dinner this noon for the  
 first time in three weeks

Wea.

FRI. FEB. 10, 1905

Ther.

Clear, not cold but rather windy.

Mr. & Mrs. Greenslet called at 9 a.m.  
 & I went over the Paton house with  
 them & Gilbert the painter to discuss  
 renovations.

Worked all the forenoon revising the  
 text of the Cambridge Birds.

R. J. Mc. Lowd called at 2 P. M.  
 and spent most of the afternoon

Wea.

SATURDAY 11

Ther.

Clear & rather cold with  
 high N. W. wind.

Spent day in Museum  
 working on the revision of Cambridge  
 Birds. No calls. Walked up &  
 down the plank between the house  
 & Museum with C. & Miss Henderson  
 for a few minutes after lunch.

Miss Henderson goes back to St. Margarets  
 this afternoon.

Wea.

SUN. FEB. 12, 1905

Ther.

Cloudy & chilly with a light snow fall (about 2 inches) in the early evening.

Spent forenoon in Museum writing letters. Sam Herndon dined with me & stayed until 5 P.M.

Then called at Mary Whitte's house. I saw Mrs. White, Austin & his wife & Alice Carter (Mrs. Vayton).

Later I called on Mrs. Bates.

C. confined to morning room all day. He read aloud in evening.

Wea.

MONDAY 13

Ther.

A dark, dismal day with fine fleety rain & snow.

Working on Cambridge Birds revisions from morning to night. No calls. C. still confined to her room.

Wea.

TUES. FEB. 14, 1905

Ther.

5°

16°

Clear and cold

Spent most of day in Museum revising text of Cambridge Birds. Will & Alice Stone dined with me at 1 P.M. (C is still confined to the morning room). After lunch I took leave for a walk to Elmwood. After that walked to the head of Sparks Street where I bought a valentine for C. Glenn Allen called while I was away.

Wea.

WEDNESDAY 15

Ther.

Cloudy with chill N.E. wind

Working all day on revision of text of Cambridge Birds. Walked to Elmwood after dinner which Mr. James Hayward shared with me / calling Betty. The W. G. Club met at Chadbourne's this evening. Walter & I went in together in an electric cab. Everyone there except Spelman & Thayer. Had a good dinner & broke up at 10.30. Chadbourne photographed the Club by flashlight.

Wea. THUR. FEB. 16, 1905 Ther.

Brilliantly clear; calm; light  
west wind; frosty  
10°  
18°

Worked on revision of Cambridge  
Birds through the forenoon. O. Bangs  
called at 2 P.M. & Dr. Gehring  
a little later. The latter stayed until  
5 P.M. He & Mrs. G. are at the  
Bellevue as usual. C. has not  
been down stairs for nearly a  
week now.

Wea. FRIDAY 17 Ther.

Forenoon sunny, afternoon cloudy, mild.

Working on revision of Cambridge  
Birds all day. Walked  
to Elmwood with baby after  
dinner. F. H. Kennard called  
at 4 P.M. to discuss his article  
on the Brown Creeper with me.  
C. still confined to her  
morning room.

Wea. SAT. FEB. 18, 1905 Ther.

Clear with violent N.W. wind

Worked on Cambridge Birds through  
most of forenoon finishing the final  
revision of the main list. Went in  
town at noon. Called at office &  
handed in Exchange Building. Called  
on the Gehring's at the Bellevue at 2 P.M.  
Saw Dr. & Mrs. G., George, Mr. Hunt &  
Mrs. Weed. Mrs. G. is threatened with a  
serious operation. Dr. G. saw Dr. Reynolds  
& Dr. Elliot about it to-day.  
I came out at 4 P.M.

Wea. SUNDAY 19 Ther.

Brilliantly clear, cold, calm  
3°

I spent forenoon writing letters. C.  
much better. She walked in the garden  
with me for 15 minutes this noon.

Dr. Gehring & Raymond Emerson dined  
with me. The doctor stayed until 4 P.M.  
He is greatly relieved about Mrs. G. for  
Dr. Elliot says there need be no operation at  
present & perhaps none at all.

Purple Finch 2 (1 red 1 gray) in garden eating  
seeds Packed worms after

Wea.

MON. FEB. 20, 1905

Ther.

Cloudy with a light fall of  
dewy snow in P.M. Mild.

Spent day in Museum working on  
Introduction to Cambridge Birds.  
Raymond's agent called at 3 P.M.  
bringing an accident insurance I  
have just placed on my house etc. etc.

Big Mitchell meeting this evening, 25  
persons. I read selected passages from  
Cambridge Birds. This is a discussion  
table of the whole evening.

Wea.

TUESDAY 21

Ther.

A beautiful spring-like day, sunny,  
mild calm; the snow melting fast.  
It is still more than a foot deep.

Spent day in Museum working  
on Cambridge Birds, no calls.  
Six Purple Finches (4 ad ♂♂) feeding  
in Parkman's apple. A ♀ Heavy  
visited. & also a ♀ Am. Towhee.  
Blue jays screaming about the corner.  
We hear them daily now.

Wea.

WED. FEB. 22, 1905

Ther.  
20°

Cloudy and chilly with  
light flurries of snow.

Worked all the forenoon on an  
article concerning Brewster's "fall"  
pictures of Grosbeak, Sycamore etc. in  
Country Life. Also & Will Stone  
dined with C. & me at 1.30.  
Prof. Tausig called on me in the  
afternoon & my old friend John Nichols  
came in the evening. A Flicker & Jays  
heard in the Garden.

Wea.

THURSDAY 23

Ther.

Clear, calm, not cold but frosty.

Spent the day by the article on  
the Country Life pictures, finishing it.  
F. H. Allen called at 2.30 P.M. bringing  
a beautiful adult Keweenaw Gull  
which he shot at Moon Island yesterday.  
It makes the first record for Mass.  
He gave me the bird which I shall send  
to Angell & Cook for mounting.  
10 Purple Finches, then 7 Flickers, then dozens  
& several Chickadees assembled in our  
Garden at 10 A.M. also heard Blue jays  
& crows.



Wea.

FRI. FEB. 24, 1905

Ther.

Sunny but heavy, calm, mild,  
the snow washing fast.

Spent day in museum writing.  
Finished the article for Country Birds  
& did some work on introduction  
to Cambridge Birds.

Two Flickers & a number of Purple  
Finches feeding in the Parkmann's apple  
orchard of this forenoon. My pigeons  
are also beginning to eat the fruit of  
this tree. The *Syrnoides* pigeon is  
also seen around at 11 P.M. to 12 P.M. to 1 P.M.

Wea.

SATURDAY 25

Ther.

Clear, calm, mild, a Spring-like day.

Dan French breakfasted with me &  
then went to Boston for the day  
returning at 5 P.M. I walked  
on occasion of introduction to  
Cambridge Birds. Batschelder called  
on A.M., Gilbert went to Concord  
for the day & Walter to Milton.

7 gray & 3 red Purple Finches in the  
Parkmann's apple.

Dan & I called on the Alveys this evening.

Wea.

SUN. FEB. 26, 1905

Ther.

Morning sunny; afternoon  
cloudy, mild.

Wrote letters all the forenoon.  
C. went to church with Dr. & Mrs.  
Goldthorpe in Boston. Dan French  
drove in with her. He returns to New  
York this afternoon.

Mr. Bennett & Sam Hershman dined  
with us. He afterwards visited Hershman's  
house to see his books.  
A Flicker hunting in the Garden this  
forenoon.

Wea.

MONDAY 27

Ther.

20°

Clear & colder with N.W. wind

28°

Spent day working on  
Cambridge Birds, wrote up two  
more species, the honey Grosbeak  
& Purple-capped Sapsucker.  
Batschelder called in P.M.  
C. & I walked to Glenwood with  
Harry after dinner.

18 Purple Finches feeding in  
the Parkmann's apple this evening.

Wea.

TUES. FEB. 28, 1905

Ther.

Sunny but hazy; calm;  
not cold.

Spent day in Museum working  
on introduction to Cavels, Birds  
no calls. Elizabeth Blaker & E. R. S.  
lunched with C. & me.

Counted 18 Purple Finches in the  
cloves this morning. I think there  
were more. They spent most of  
the day in the Pullman's office.

Wea.

WED. MARCH 1

Ther.

20°  
28°

Sunny but hazy; calm. Cool but not cold

Spent day in Museum working  
on the Cambridge paper. Walter &  
Margie dined with us at noon.

James Woodland of Harvard called  
in P.M. to offer for the loan of  
foreman on our farm at Concord.

A good-sized flock of Purple Finches  
in the garden. One of the ad. males  
in full song at 9 a.m.

Wea.

THUR. MARCH 2, 1905

Ther.

16°

28°

Clear, cold light N.W. wind

Spent day in Museum working on  
Cambridge Birds. C & I walked to  
Greenwood at 3 P.M. Calling Harry.  
Christian Hansen called by appointment  
at 2 P.M. I gave him notice that I  
shall engage another man for foreman  
at Concord for April 1. He took it  
pleasantly but I think he will leave me.  
James Woodland called again at 5 P.M.  
I gave him notice I shall engage him  
for the Purple Finches, also for the Pullman's in Garden.

Wea.

FRIDAY 3

Ther.

Clear, calm, warmer. Snow & ice  
wasting fast. Streets bare in places &  
grass faintly green on sunny banks where  
the snow has melted away. Indeed signs  
of earliest spring were not wanting to-day.

Spent most of day in Museum  
working on introduction. I am now  
writing a general account of history,  
food & habits & their works.

C. & I walked to Greenwood & back  
through Hazelton St. with Harry after dinner.  
Mrs. John Elliot & C. F. Bolander called  
in P.M.

Wea. SAT. MARCH 4, 1905 Ther.

Cloudy with light fall of damp  
snow. A chilly, dreary day.

To Boston at 9.30 a.m. Went  
first to office & visited Safety Council  
with Mackintosh talking out aims  
of the Green movement. Had my  
hair cut at Pothers & met C. at  
the Congregationalist Rooms on Beacon St.  
Dr. Grenfell & his friend Mr. Burstead  
of Newfoundland met us there & we had a  
short talk. Came out to dinner at 1.30  
Worked on Introduction 3-6 P.M.

Wea. SUNDAY 5 Ther.  
12°

Partly cloudy; cold; n.w. wind

To St. Johns with C. at 8.30. He  
afterwards walked to Elmwood & back  
over the Hill, taking baby. I spent day  
in Museum writing letters & clearing out  
my desk.

A pair of Hairy Woodpeckers together in  
the cat-alope at 3 P.M. then 8 (a finch)  
eating seeds. One immature Purple Finch  
& a Brown Creeper in the Garden.

Wea. MON. MARCH 6, 1905 Ther.

Brightly clear, calm, frosty but not  
cold.

Spent forenoon in Museum working on  
Introduction. Baldry & Walter worked on  
text C. B. preparing it for printer.  
Dined with Walter at 1.15. C. had  
a lunch party in the house.

Dr. Grenfell of Labrador arrived at 3 P.M.  
& at 3.30 he addressed about 70 people (mostly  
ladies) in our parlour speaking about our aims.  
He and I had a drink in Museum afterwards.  
Dr. & Mrs. Goodthwaite, Dr. Blake & E. R. S.  
dined with Dr. Grenfell, C. & me at 7.45.  
Dr. Grenfell spent the night with us.

Wea. TUESDAY 7 Ther.

Sunny but hazy; calm; warm.

Devoted morning to showing my collection  
to Dr. Grenfell. He collects birds & eggs  
& is deeply interested in them. He will  
yet see Labrador egg nests in summer.  
He departed at 11.30 a.m. on  
ferrying home.

Part of my article for Country Life  
arrived & was returned, corrected, to-day.  
Worked on Introduction for hour,  
hours in P.M.  
Nuthall calling ~~was~~ ~~was~~ ~~was~~ in London

Wea.

WED. MARCH 8, 1905

Ther.

Light rain storm, the first for several weeks. I had little effect on the snow for the temperature was not high.

Spent day in Museum working on Introduction finishing with Martin Wood & Jostyn and also writing two pages on the Cobets.

Lunched alone C. having gone in town to church. J. A. Farley called in late P.M.

Wea.

THURSDAY 9

Ther.

Forenoon sunny; afternoon cloudy; calm; mild.

Spent A.M. working on introduction finishing with "the Cobets". Found Outram Bays in Museum after lunch.

A. Flicker "shouting" loudly at intervals through the forenoon & a nutcracker calling woot-woot-woot in the early evening.

Wea.

FRI. MARCH 10, 1905

Ther.

Clear in A.M., cloudy in P.M. calm; mild.

Spent day in Museum working on Introduction finishing Birds. Wrote an account of our garden. No collars. A ♀ Hairy Woodpecker on the tree.

The ground is bare in many places now & the drizzling is wholly at an end, at least in Cambridge.

Wea.

SATURDAY 11

Ther.

Clear with fresh N.W. wind. 24°  
32°

Spent day in Museum. Worked on Introduction in A.M. In P.M. identified a number of birds sent by C. E. Allen last May. There were four, several Owls among them, one a red bird, apparently asis, from Colorado! Mrs. Almy dined with me C. having gone to Boston for day. Gilbert went to Concord with Mr. Grafton, in English forenoon.

Wea. SUN. MARCH 12, 1905 Ther.

32

Clear with light W. wind. 38

Snow-drops & squills in bloom at Dr. Walcott's  
crocuses in another place on Waterhouse St.

To Dr. Johns with C. at 8.30. After  
noon walked around town common  
seeing the flowers just noted. Minn. are not  
in light yet.

Frank & Margaret Manning, Sam  
Henshaw and Gray Johnson  
dined with C. & me at 6.30. Henshaw  
stayed until 5.30.

Wea. MONDAY 13 Ther.

14

Clear and cool, very little wind 32

Spent day in Museum writing.  
Made two little programs partly  
because of the difficulty of my  
subject (a phyllos/wood discussion of  
bird distribution) and partly  
because I was repeatedly interrupted.  
Hansen called on P.M. to say that  
he has decided to leave us on April 6.  
Walter was housed at home by  
a heavy cold.

The Purple Finch is in garden on spring  
at 9 o'clock starting to sing

Wea. TUES. MARCH 14, 1905 Ther.

20°

Sunny but heavy, chilly with 34°  
light east wind.

Walter, <sup>still</sup> confined to his home  
by his cold. I worked on my  
Cambridge paper all day. I saw  
an Owl reported by Horn & Allen to  
Barbara S. Henshaw as *B. arctica*. There  
is a page on it & mention on *Picoides*  
*arctica*, both for my list. Also worked  
a little on my introduction.  
No calls. A Hairy Woodpecker ♀ at bottom

Wea. WEDNESDAY 15 Ther.

18°

Brilliantly clear; calm. 35°

Spent A.M. working on the  
Cambridge list. Dr. Greenfield  
lunched with us at 1.30.  
He spent P.M. talking & smoking  
in Museum. He is a most interesting man.  
He has taken on Labrador, north of Am.  
streams, one specimen each of *Fulica*,  
*Loophodytes*, *Anser gambeli*, & *Anas boschas*.  
C. & I called on the *Sphalmon*, Minkebe  
& Berkepe this evening.

Wea. THUR. MARCH 16, 1905 Ther.

22°

42°

Forenoon sunny; afternoon cloudy. Calm.

Wrote a few letters after breakfast. Went in town at 11 and visited the office. Invested \$16,000. of Eastern money in U. S. registered 4% bonds to be sold later to pay for new Academy. Dined at Athletic Club. To Dr. Rand's at 2 P. M. Had dental teeth refilled. Got home at 4 P. M. James & his wife called. I engaged him for forenoon at Concord for \$50 & more.

Wea. FRIDAY 17 Ther.

25°

Clear, calm, warmer. A ♂ Robin newly arrived, calling in Garden 5.30 P. M.

Spent day in Museum working on the Introduction. Began to write up Mittell. Am surprised to find how extensively he paraphrased from Wilson.

Mr. Best called in P. M. I saw him only for a moment. The Kumlens Gull is back from Angell & Cook - a fairly mounted bird. The snow is going rapidly. About one half the ground is now bare.

Wea. SAT. MARCH 18, 1905 Ther.

31°

61°

Clear, calm very warm indeed the warmest day since last November. Two Bluebirds in the Catalpa near the Museum and a Grackle in one of the cherry trees at 4 P. M. A Robin calling at evening. Spent day in Museum working on Introduction. Mrs. Williamson, Constance Wilbison, E. R. S. and Walter lunch with C. & me. Gilbert went to Concord where he saw a Bluebird, a Song Sparrow, 7 Robins & 3 Grackles. He says the wire is open in places. News reached us of Miss Wright's death from pneumonia at Bethel.

Wea. SUNDAY 19 Ther.

41°

57°

Cloudy with warm rain. The snow went like magic to-day. By night only a few small patches remained in light from our house. A Flicker shouting, a Grackle creaking, a Robin running on the lawn, three Juncos, a Downy & a Chickadee were the Garden birds of to-day. Wrote letters in A. M. Miss Maria Anderson, Walter Dean, Ned & Alan Stone dined with C. & me. George Farnsworth called in late P. M.

Wea. MON. MARCH 20, 1905 Ther.

Continued light rain with N.E. wind. Cool, falling a little last night. The early spring rush of birds has started. A Song Sparrow, 2 Fly Sparrows & 11 Juncos in the Garden to-day. Purple Finch singing.

Spent day in museum working on the Introduction. Hanson came from Concord with apples & wood.

C. went in town in forenoon.

Committee meeting 7.30. To the Deeres' at 8.15 to dinner with Walter & Margie, C., John & Mrs. Thayer, Miss Audubon & Dr. Robinson.

Wea. TUESDAY 21 Ther.

Snow storm with N.E. wind about 5 inches of damp snow falling.

7 Purple Finches & 32 Cedar Birds seen in Garden by Sublet.

Worked on introduction all a.m. & part of P.M. Hoffmann & Fayon arrived at 4 P.M. to look at Gulls and Horned Owl. We had a long discussion over them. Read the Eastern Downy to me in the evening.

Wea. WED. MARCH 22, 1905 Ther.

Breathably clear, calm, 28°  
40°

Worked all day on the Introduction nearly finishing with Nuttall.

To Botchelder's for a McDiarmid dinner at 7 P.M.

The Garden alive with birds, 5-7 Song Sparrows, 2 Song Sparrows & Purple Finches among them & singing freely. Snow 6 inches deep.

Wea. THURSDAY 23 Ther.

Clear; calm; a beautiful day. 20°

Working on introduction all a.m. Finished with Nuttall. To Mus. Comp. Inst. after lunch. Saw Henshaw, Hays & O. Bangs there. Looked over Hays' splendid library. Back at museum 5.6 P.M. Walked both ways. Saw 20 Robins flying together & many single birds. Early this morning 4 or 5 Song Sparrows, Purple Finches, & Chickadee & a Flicker were singing in the Garden. The ground still covered uniformly with snow. Saw lots of Crows in bloom but none of ours had blossomed yet.

Wea.

FRI. MARCH 24, 1905

Ther.

27°  
46°

Cloudy, calm.

Worked all day on Introduction.  
No calls.From 2 to 4 A.M. as I was going  
awake I heard at short intervals a  
low rolling call like, yet unlike, that  
of a Screech Owl. I have heard it before of  
late & earlier in the winter, too.A Robin singing robustly at evening.A Song & Fox Sparrows sang about  
evening. (after writing this I heard a  
Robin in full song. The Owl was calling  
again 10-11 P.M.)

Wea.

SATURDAY 25

Ther.

52°

First snowdrops in front of museum  
Cloudy & warm with light  
rain & little or no wind. (March  
has been a remarkably windless month  
this year).Worked on the Introduction all  
day. It is now all but finished &  
it hath only fifty pages.A Fox Sparrow & a Song Sparrow  
singing all day in the garden. Four  
or five Robins there. One of them  
sang a little at day break & gleefully  
at evening.

Lottie Mitchell arrived to-night.

Wea.

SUN. MARCH 26, 1905

Ther.

40°  
56°Clear, calm warm. A  
perfect day. Snow practically all gone.  
Wrote letters all forenoon. Mr. Sewell  
& Sam Herndon dined with us &  
stayed until 5 P.M. when Mrs. Rose  
called to consult me about a distant  
trip with young Higginson.  
Glorious bird music in the garden.  
Purple Finches, a Fox Sparrow, a Song  
Sparrow, a Chickadee, a Flicker, several  
Robins & 2 Bluebirds singing merrily morning.  
A ♀ Hairy or Cowbird (4) Grackles.

Wea.

MONDAY 27

Ther.

42°  
56°First yellow crocuses at museum  
Cloudy, calm, mild  
Snow & ice almost wholly gone.  
Worked nearly all day on the  
Introduction to Cambridge Birds. It is  
very nearly done.C. & I walked to Elmwood after  
lunch. Grackles at Elmwood & elsewhere.  
Fox Sparrow, Song Sparrow & Purple  
Flicker singing in garden. Robins all  
here now.My new forenoon parson called in P.M.  
I like him.



Wea. TUES. MARCH 28, 1905 Ther.

Morning brilliantly clear, cloudy 34°  
in P. M. with or no wind. 62°

A glorious chorus of Robin voices  
at day break. Just after sunrise a  
7 of Sparrows, two Song Sparrows, a  
Purple Finch & a 7-billed crow singing.

I also heard the flight call of a Heron.

Rose at 6.30 & walked up North  
& 7<sup>th</sup> Avenue to St. Collingbury. Called  
at Sam Henshaw's. Spent day on  
Cambridge Birds, Autumn Birds &  
Mr. Mc. Bird & his new called in P. M.

Wea. WEDNESDAY 29 Ther.

Sunny but heavy, no wind. 40°  
5-6°  
First squills in bloom from Henshaw's

Rose at 6.30 & walked up  
Sam Henshaw's talking to him.

Worked on Cambridge Birds  
all a. m. finishing it.

Dr. Greenfield & Miss White came  
to lunch. Received called to P. M.

7 7 of Sparrows in garden  
several glorious songs among them.

One Song Sparrow, a 7 Sparrow  
Hawk & a Bluebird flying over.

Cambridge, Boston - Concord,

Wea. THUR. MARCH 30, 1905 Ther.

Clear, calm, very warm. 35°  
67°

Did some final work on  
Cambridge Birds in a. m. -  
"positively the last" C. had  
a big & jolly lunch party of  
her sex which I attended.  
Received one a lot of birds for  
John Hooper & Autumn Wagon in  
P. M. Botley called at 4 P. M.

Walked to Sam Henshaw's at  
7.30 & took breakfast with her.

Wea. FRIDAY 31 Ther.

Clear & warm with heavy W. wind  
40°

Rose at 6.30 & walked up to  
Sam Henshaw's.

To Boston at 10.30. Called at  
office & signed check for 4 months pay.  
Took 1.47 train for Concord. Gilbert  
joined me on Arlington. We crossed  
the river to North Hill in Boston boat  
& walked to farm. Uncomfortably warm  
in P. M. Hardly any snow seen under  
leaves. Rain came for this date & was  
of heavy by cabin in front. Found some  
of it fresh. Paul W. Harrison for last time.

Wea.

SAT. APRIL 1, 1905

Ther.

Clear & cooler with heavy  
N. W. wind 52°

Worked most of day with the  
clearing of wood land. Worked  
train to Retain place & over to  
Pezcote's house. A lot of Fox  
Sparrows & juncos about. Heard  
a Grass Finch sing & a few Meadow  
larks. A good many Song Sp.  
& juncos but only a few Robins.  
James has hired a warm  
room who began to-day.

Wea.

SUNDAY 2

Ther.

Clear & cold with raging  
N. W. wind 28°  
44°

Out all day. Spent A. M.  
in Pezco's field laying out a new  
wood road. In Bob's Hill in  
P. M. nobody there or on the  
river. Hepatica buds showing.  
Pussy willows in nearly gray stage &  
very conspicuous & handsome.  
Heard a Gr. Horned Owl hooting  
in Pezco's house about 4 P. M.

Wea.

MON. APRIL 3, 1905

Ther.

26°

Clear with strong N. W. wind, 58°

Worked alone all day. A. M. on  
the wood land began yesterday at Pezco's  
field, in P. M. in woods behind Pezco's place  
Fox Sparrows still numerous & singing well.  
At evening saw a hen Partridge sitting  
nest & still in a poplar by roadside  
was Retain place. A Woodcock began  
peeping about 6.30 in heavy position. Saw  
him sing & sing. A single Hyla (the first  
peeping at evening. Several Wood Thrush (the  
first) crawling about 5 P. M. The fields  
decidely green to-day.

Wea.

TUESDAY 4

Ther.

32°

Cloudy with S. E. wind & light 55°  
rain in early morning. Warmer  
seeming but not really so warm as yesterday.  
Spent day on farm working in  
the woods near Pezco's Rock in A. M.  
behind Retain place in P. M.  
Cereals: - Carolina Dove 1x, Field  
Sparrow 1x, Pine Warbler ♂ (Galt's)  
in apple orchard behind house.  
Glorious concert of Fox Sparrows in  
A. M. Robins singing fairly at evening.  
Heard 7:00 out in forest crawling  
entirely. 1st Hyla to-day.

Wea.

WED. APRIL 5, 1905

Ther.

38°

Cloudy with N.E. wind 56°  
and light but steady rain.

Spent most of day in house  
writing letters. James & I took

cleaning up old barn cellar. I  
helped them a little in P.M.

Upwards of 50 Fox Sparrows  
in garden singing gloriously. Some  
of them came almost under one  
the window to scratch among  
the dead leaves.

Wea.

THURSDAY 6

Ther.

37°

A.M. cloudy & misty; 58°  
clearing in P.M.

Spent day on farm. The  
men cleaning out the old  
barn cellar. Long call in  
P.M. to see about grafting.  
Fox Sparrows abundant &  
singing gloriously all afternoon.  
Saw a Marsh Hawk passing  
close to the barn & 3 Blue Herons  
flying high N.E. Grand Chorus  
of Wood Peckers. 3 Hylas perched  
on barn.

Wea.

FRI. APRIL 7, 1905

Ther.

30°

Clear with violent N.W. wind 50°

Spent forenoon in bed and entire  
day in house - the result of a cold  
and indigestion combined, apparently.

Read a little & wrote several letters.  
Few birds about house. Only  
before only one Fox Sparrow.

Wea.

SATURDAY 8

Ther.

33°

Clear with strong N.W. 48°  
wind.

Felt better to-day and  
took a walk to Birch Field  
in A.M. and to Pottery place  
in P.M. Plenty of Fox Sparrows  
and James still here.  
The storm was to have come  
to-night to Grand Sunday but  
I hope them would not to  
as I did not feel well enough  
to withstand them.

Wea.

SUN. APRIL 9, 1905

Ther.

Clear & warm with  
fresh W. wind.

28°  
60°

Spent most of day pruning  
fruit trees & taking off their  
tree paper mica protectors.

7 of Sparrows, juncos, Song Sparrows,  
Grass Finches, a Junco Sparrow & a  
Field Sparrow singing. 3 Tree Swallows  
in Prescotts pines & Thrushes etc. in  
P.M. Saw 8 C. Doves together  
in Green Field. One of them  
cooed.

Wea.

MONDAY 10

Ther.

Clear with violent S. W. wind, 72°  
The warmest day since last November.

44°

Spent day on farm working  
with James, Pat & Frank. We  
moved a lot of currant & gooseberry  
bushes to the new fruit garden in  
front of barn, put up two bird  
houses on poles & did a variety of  
other things of a similar kind.  
Charley Derby called & I bought  
100 Colaptes nests of him @ 20¢.  
A great day for the birds but  
no arrivals noted.

Concord - Cambridge - Concord.

Wea.

TUES. APRIL 11, 1905

Ther.

N. E. rain storm. Wind moderate,  
rain heavy in A.M.

Drove to Ball's Hill & took 8.13  
Train for Cambridge. Reached home  
at 9.20 & found C. well. Signed the  
April annuity cheques for Martin  
to Mrs. Comp. Took at 10.30. Attended  
meeting of visiting committee. Saw  
Mr. Agassiz, Sam Hubbard & Mrs. Clark  
Dined with C. Two long talks with  
Walter. Botely called to discuss subscriptions.  
Returned to Concord by 5.00 train &  
spent night at cabin.

Wea.

WEDNESDAY 12

Ther.

A.M. cloudy, P.M. clear. Wind  
still N. E. a fine but cool day.  
Working all day with James,  
Frank & Pat. In A.M. we  
moved a lot of pines at Fair Park  
In P.M. we dug a lot of cones  
in. of the swamp & sent them to farm.  
Arrivals Barn Swallow 1, Hermit  
Turd 1. A Partridge alighted on the  
ground just under my window on  
day break. Later saw a Dove on the  
roof of house shed - 2 Phoebe singing  
near cabin. Hundreds of Hylas &  
Wood Thrushes & other birds in the woods.

Wea.

THUR. APRIL 13, 1905

Ther.

39°

Cloudy with rare N.E. wind.

Spent a.m. at Ball's Hill. Walked about 3 hours on introduction to Cambridge birds considering notes & criticism made by Batsby. Walked to Davis's Hill after breakfast. Rallied home for 1/2 hour before dinner.

Went to farm in P.M. & set out a group of paper birches dug yesterday on Pen Ridge.

Wea.

FRIDAY 14

Ther.

Clear & warm with light N. to E. wind. Cloudy at sunset.

Spent a.m. at farm packing up run to Holden's Hill. Set out 9 large cactuses on Birch Field. Mr. Mollinier dined with me. In P.M. took him to Davis & Ball's Hill. He crossed river & went home by elevator. At 5 P.M. went to Holden's Hill for the course & packed out some the Great Meadow. A *Buteo* perched on a chimney at the farm.

Wea.

SAT. APRIL 15, 1905

Ther.

Clear with strong, cold N.W. wind.  
Arrival Ruby crown Kinglet 2 ♂♂

In a.m. dug a lot of cactuses & small spruces near Ball's Hill. Planted them in Birch Field. Moved to the farm before noon to spend Sunday there. In P.M. planted 100 small hemlocks brought of Watson. Will & Allen Stone arrived at 6 P.M. to spend Sunday. We walked to Rabbit Hole at sunset.

Wea.

SUNDAY 16

Ther.

32°

Clear most of a.m., cloudy nearly all P.M. Cold N.W. wind. Spent day entertaining the Stones. We went to Rabbit Hole & Birch Field in a.m. In P.M. we walked to Ball's Hill via Puccin's farm & Davis Hill. Took tea at Coburn at 6 P.M. and walked back to farm in the twilight. No last but first birds. They were remarkably silent all day.

# Concord - Cambridge

Wea.

MON. APRIL 17, 1905

Ther.

Clear with full gale of wind from about W. Cold & raw

Spent A.M. working with James & Frank. Set out trees & put up bird houses. Saw 3 Hermit Thrushes.

To Ball's Hill at 3 P.M. Saw Post Office & paid him. Took 4.24<sup>0</sup> train for Cambridge. Saw 11 Yellow Palm Warblers in N. Bedford. Spent evening talking with C.

Wea.

TUESDAY 18

Ther.

31°

52°

Clear, with strong, harsh W. wind.

Spent day in Museum writing letters & seeing people. Meeting came in P.M. to discuss points in my introduction. Spent about 2 hours. Gilbert packed my trunk for Washington. C. decided not to go to see a very bird.

Wea.

WED. APRIL 19, 1905

Ther.

30°

Clear and cool with fresh W. wind.

Started for Washington alone by 8.45 Colonial Express. Spent most of day reading. No change in vegetation north of N.Y. A marked change beyond Jersey City. Cherry trees & forsythia in bloom at Philadelphia. Reached Washington at 10.15. Having met her at station. I went to his rooms at Mrs. Marcus Baker's 1905, 16<sup>th</sup> St.

Wea.

THURSDAY 20

Ther.

83°

A.M. sunny; P.M. cloudy - very warm.

Called on Merriam & Nelson (the latter all with umbrellas) 9-10. A.M. To Smithsonian at 11. Saw a fine Red-headed Woodpecker on ground. He was backing exactly like a Gray Squirrel. Contact with Richmond & Agassiz. Spent most of P.M. at Biol. Survey. Saw Fisher, Palmer, Henshaw, Williams, Cheever, Aldyt. Spent evening with Henry. Shade trees in N. in nearly full leaf. Red buds, magnolias, apple trees & dandelions in full bloom.

Wea.

FRI. APRIL 21, 1905

Ther.

A. M. Sunny P. M. cloudy  
with showers. Heavy thunder storm  
at 7.30 P. M.

Called on Nelson after breakfast.  
Went to Brown & Tolson 1409 H. St.  
where I bought some antique things  
Committee meeting at Southwestern  
10.30 a. m. to 4.30 P. M. Lunched  
at Hawley's with Richmond, Means,  
& Dayton. To Hubbard Museum  
at 8 P. M. to hear Dr. Goodell  
lecture on Antiquities.

Wea.

SATURDAY 22

Ther.

Clear &amp; cool.

Committee meeting 10.30 to  
4.30. Lunched in Nat. Mus.  
with Allen Morrison & a  
Mr. Rowland from Charleston.  
Went through woods. A  
great display of flowers there.  
Harry & I talked over in  
evening in his room.

Washington, D. C.

Wea.

SUN. APRIL 23, 1905

Ther.

Cloudless. Cool at morning  
warm at noon

Harry & I started for Cabin John  
Bridge at 9 a. m. Dayton, Tom  
Osgood & they joined us at Georgetown  
Drove a mile beyond bridge &  
walked to island where we spent  
day with Field Club. About a  
dozen members from Council among  
them. Fishes walked to dinner  
arrived about noon. Harry & I  
stayed here as. Conditions excellent.  
Dined at restaurant at 6.30 with  
Dayton & Nelson

Wea.

MONDAY 24

Ther.

Clear and warm.

Committee meeting all day.  
Allen & I lunched with  
Morrison in the top story of  
a big department store on G Street.  
Left the city at 4.30 and went  
out of town 10 miles by electric with  
Dr. Palmer & Harry Oldys to dinner  
at the latter's house. Palmer & I  
got home about 10.30.

Wea. TUES. APRIL 25, 1905 Ther.

Clear & warm.

Committee in session from 10.30  
A. M. to 1 P. M. when we adjourned  
Five clars having dealt with 99  
cases out of the 130 on our list.  
Museum all with Granatula.  
Called at Wambath's at 3 P. M. &  
bought a lot of Gulls etc. from his  
arctic collection about 100 in all.  
Spent the evening at Dr. Hensons  
with Henry & Polson.

Wea. WEDNESDAY 26 Ther.

Cloudy.

Left Washington at 10 A. M. &  
reached New York at 3 P. M. Home  
to Am. Museum where Chapman  
showed me the recently furnished Fleming  
& San Joaquin Valley cases as well  
as some wonderful fossil Utilons.  
We went over to Englewood for  
the night. Mr. & Mrs. Neelan  
called at 8 P. M. Chapman showed  
me his fine Fleming & Polson  
heads. Got up until 11.45.

Wea. THUR. APRIL 27, 1905 Ther.

A. M. Cloudy & rainy. P. M. clear.

Took 10 A. M. train for Boston  
which I reached at 3 P. M. Found  
C. at home & well. Vegetation rather  
backward but a few cherry & apricot  
blossoms out in our garden. Saw  
Harris there.

Lowenthal's Strong Co. Birds out.

Wea. FRIDAY 28 Ther.

Cloudy with chin N. E. wind.

Spent day in Museum adding  
a few last notes to Cambridge Birds  
Will & Alice Stone lunch with  
us. Bateby & his wife called in  
P. M.

Heard the whirring of Charming  
Swifts at evening. Robins singing  
gloriously. Black swt, Aspidia,  
& Muscicivora in bloom.



Wea. SAT. APRIL 29, 1905 Ther.

A. M. Sunny; P. M. cloudy  
with chill wind.

Spent most of day at home  
working in museum, working  
on the wheel flower beds in the  
garden, etc. Had hair cut at  
Harvard Square in P. M. Botany  
called at 4 P. M. C. went to  
Sam Robinson's workshop at noon.  
A Ruby-crown Kinglet in full song  
in Garden.

Wea. SUNDAY 30 Ther.

Clear, calm, warm

To early morning service at St. Mark's  
with C. We afterwards called at  
the Tragers' & then at Robert Jackson's.  
Wrote letters out of A. M. Walter &  
Magpie, Mrs. Mansfield & her daughter  
stayed dinner with us.  
To Milton by electric in late  
P. M. Spent night at Rolands'.  
Harry there. Also  
"Uncle Horace"

Milton - Boston - Cambridge Covered

Wea. MON. MAY 1, 1905 Ther.

Partly cloudy with violent &  
excessively harsh N. W. wind.  
Roland & I had a long walk in  
woods after breakfast. He showed me  
a *Parus* nest in a Birch stump.  
He saw bird April 29. & says it was  
son of Hairy W. but with a white  
black back. It was not then to stay  
in Boston & electric at 10.30. Called  
at office & had wants to take over  
a parcel ~~work~~. ~~Estimate~~ back &  
getting paid. ~~Call~~ on Will Jeffers.  
To Cambridge at 3 P. M. Son? C. H. Walker  
to Concord by 5.15 train. Shall am at  
Ball's Hill after train.

Wea. TUESDAY 2 Ther.  
32°

Clear with violent N. W. wind  
Ground frozen at farm this morning.

Spent day at Ball's Hill working  
in the woods with Pat. Cut down  
some pines along path E. of cabin  
& trimmed the trees on the top  
of the hill. J. M. Cull came  
at 5 P. M. bringing from old church  
two of which I bought @ \$5. - \$5.  
Saw a ♂ Purple Martin fly past here  
about 9 A. M. Heard a Yellow eye  
colony.

Concord - Cambridge.

Wea. WED. MAY 3, 1905 Ther. 44°  
79°

Clear & very warm with strong S.W. winds.  
Big bird wave. Arrivals Catbird 1, Nashville W. 1, Usua W. 3, Magnolia W. 1, Maryland G. Th. 3, Water Thrush 1, Redstart 3, Bobolink 1, Oriole 1, Kingbird 1, Crested Flycatcher 1, Solitary V. 2, Spotted Sandpiper 1, ~~Lesser Flycatcher~~ ~~Mocker~~  
To farm at 8 A.M., returning at 11.  
Forbush called & dined with me.  
Worked with Pat behind Bell's Hill in P.M. To Holden's Hill at evening.

Wea. THURSDAY 4 Ther.

A.M. Cloudy with fine misty rain. P.M. Brilliantly clear. Wind N.E.  
Arrivals: Veery, Yellow W., Chestnut Sided W., Rose B., Grosbeak 1, Sora Whippoorwill,

Spent most of A.M. writing.  
To farm via Birch Field in P.M. Pat began clearing the ground about the spring for planting mountain laurels. He burned a lot of brush piles in A.M. At evening walked to Birch Gate. Heard a Whippoorwill & Screech Owl. Also a Sora. 4 Bats in shed at farm. None on 2nd

Wea. FRI. MAY 5, 1905 Ther. 33°

Clear. Strong E. wind in A.M. 64°  
Equally strong S.W. " " P.M.  
Heavy hoar frost early this morning.  
Spent day on farm doing things.  
Worked with Pat on the spring preparing for planting mountain laurels there.  
Took the 20 g. gun with me to-day & came near shooting on a Woodchuck.  
Arrivals Yellow-thr. Vireo 1, Wood Thrush 1 (at farm), Scarlet Tanager 1 at farm.  
Walked slowly back to Concord at sunset. Great clouds of Hares.

Wea. SATURDAY 6 Ther. 48°

Clear & very warm with strong W. wind 77°

There were a number of small birds on the Hill this morning but nothing new.  
Took 8.13 train to Cambridge, where I spent most of day on Cambridge birds. Got the first galleries of brood. Botchy called. C. & I climbed on back porch. Our Catbird back & singing freely. Saw Bellbird Cuckoo.  
Returned to Concord by 5.01 train

Wea. SUN. MAY 7, 1905 Ther.

Clear & very warm with a  
violent, gusty W. wind.  $60^{\circ}$   
 $78^{\circ}$

Spent a. m. in cabin writing.  
Ned & Will Barthel called.  
Miss Sybil Gage & Miss Lydia Stevens  
of Cambridge landed in a canoe  
about noon. I took them to  
Davis Hill. Afterwards went to farm  
walked back at sunset. Striped  
bush in full bloom. A few apple &  
peach blossoms out. Mosquito  
troublesome at evening for first time.

Wea. MONDAY 8 Ther.  $41^{\circ}$

Clear & warm with strong  
S. W. wind.  $75^{\circ}$

Arrivals Red-eyed Vireo 1x Davis Hill  
Solitary Sandpiper 2 Davis Hill.

In a. m. Pat & I dug a lot of  
cucumbers behind Davis Hill. In P. m.  
took them to farm planting most  
of them about the spring.

Forbush came at noon to stay.  
He walked back from farm with  
me at evening. A Wilson's Thrush  
singing first time this Spring.

Concord - Camb. - Boston, Wolfboro.

Wea. TUES. MAY 9, 1905 Ther.

Early morning cloudy with light rain.  
Rest of day clear with strong W. wind.

The men all came down to Davis Hill at  
8 a. m. We dug 7 huckleberries on Pine Ridge  
& planted them at Barrett Spring.

Took 11 a. m. electric for Cambridge.  
Found C. well. Spent P. m. in Museum.  
Dined with Geo. V. Burnett, his guide  
Masterman & his friend Dr. Silliman at  
Union Club. Spent evening at his room.  
Got home at 11 P. m.

Wea. WEDNESDAY 10 Ther.

Clear with violent W. wind. Cool.

Took 8.30 a. m. train for Wolfboro  
arriving at 12.30. Connected with my  
destination in the cars. Mr. Bird met  
me at station. Watched base ball game  
2-5 P. m. One boys beat Fryburg  
team 12 to 0. Afterwards inspected  
academy. It is all up & nearly roofed  
in. Purple Martins & Chimney Swifts  
abundant in village. Heard Bobolinks,  
Warbling Vireo, Oriole etc.

Wea.

THUR. MAY 11, 1905

Ther.

Clear & warm. Fresh W. wind.

Took 8.30 train for Boston arriving  
12.45. Connected frog all the way.  
Boarded in Union Station. Took  
1.47 train for Concord. Packed  
up car to Walker's Hill, got a  
lot of *Vicia pedata* & several  
bales. Robert found Partridge with  
9 eggs near wood cover. Bollen's  
house.

Wea.

FRIDAY 12

Ther.

A. M. cloudy with light rain.  
P. M. clear. Cool.

Arrivals: Golden w. Warblers 1 y. farm;  
Lowell's Finch, 1 from 1 person;  
Yellow-billed Cuckoo 1 from; Black-bill  
Cuckoo 1 y. B. H. 1 y.

Big flock Yellow Warblers on Bollen's Hill.

To farm at 8 a.m. Walter Deane  
arrived at 9.45 bringing a lot of  
frog. He worked on it until noon.  
Took a walk after dinner.

Walter departed at 3.20. I walked  
back to cabin at 6.30 P. M.

Concord.

Wea.

SAT. MAY 13, 1905

Ther.

Clear & Cool with light N.E. wind.  
Light rain sometime last night.

To farm at 8 a.m. taking 20 g.  
gun. Shot a Woodchuck near the  
strawberry bed & a ♀ English Sparrow  
nesting in box at kitchen floor.

Spent a.m. with James & Pat working  
flower garden. Walked back to cabin  
just after dinner. Wrote letters & notes  
3-5.45 P. M. Leonard Mitealy &  
Mrs. Goble of N. Y. called at 5.30

Geo. V. Bennett arrived at 5.45 to lunch.  
Sunday. We walked to Davis Hill at evening.

Wea.

SUNDAY 14

Ther.

Cloudy & calm with light fine rain  
in early P. M.

Mr. Bennett & I walked to farm in  
a.m. via Davis Hill & Pleasant Pines,  
returning via Holden's Hill.

In P. M. packed up car to  
Red Bridge. Forbush was in the  
woods most of day. A few Redwing  
migrants large in number in Open Birds  
& Cat-birds.

Wea.

MON. MAY 15, 1905

Ther.

A. M. cloudy & calm. Light rain in  
late P. M. with N. E. wind.

Spent day at farm. Finished  
putting flower garden in order in  
A. M. In P. M. worked in  
vineyard E. of farm putting in  
posts for the vines etc.

A great bird day. Apple trees as  
far as in full bloom & abounded with  
flutters. A small number of  
migrants at Balls Hill

Wea.

TUESDAY 16

Ther.

Cloudy with cold N. E. wind and  
heavy rain in P. M.

Balls Hill swarming with western  
migrants. Another flock in Davis Swamp.  
Hundreds of them in Barrett Run.

To farm at 9 A. M. Helped C.  
She wanted us to go to Cambridge.  
Gilbert & I took 2 P. M. electric.  
Spent night at our house. C.  
Looking very tired & worn.  
Counted frog with Walter in P. M.

Wea.

WED. MAY 17, 1905

Ther.

Cloudy with cold N. E. wind.

Gilbert & I returned to Concord by  
8.34 train. Crossed river at Balls Hill  
& walked to the farm where I am to  
stay after this. Dan & I walk around  
about noon to stay until Friday morning.  
He walked about the farm & to Benson  
in P. M. Had a good talk in evening.  
Country still abounding with migrants

Wea.

THURSDAY 18

Ther.

A. M. cloudy; P. M. clear to 5 o'clock  
after that heavy rain to 8 P. M. Light  
variable winds. Warm.

Dan & I spent the entire day out  
of doors. In A. M. we started very  
early to Balls Hill via Birch Hill &  
Parker's farm. Dined on Coburn. Roved  
up to Dolbins Hill & looked there.

Walked back on evening.  
About the biggest bird fight I ever saw.  
Entire region in Concord swarming with  
western migrants. They were my only  
disturbance. They were very close  
together. Many times I saw them  
with wings.

Wea.

FRI. MAY 19, 1905

Ther.

Clear & cooler with strong N.W. wind.

Dave left me at 8 a.m. I spent day on farm working with the men. Cleared one wood shed in a.m. In P.M. set a lot of cedars for traps for geese & ducks.

Many of the migrants evidently departed last night but there was a strong after-math lingering. Walked to Ritchie place as we.

Wea.

SATURDAY 20

Ther.

43°

Clear with cold N.W. wind

To Boston by 8.13 train.

Called first at 15 State St. Found Beards there. We had a conference with Estabrook. Also went to Vanette & got out nest eggs & 5%.

Bought some shoes & underclothes. C. closed our Cambridge house this morning. I met her & E. R. S. at N. Union Station at 1 p.m. We

lunched together & took 2.45 train for Peterboro, I for Concord. Crossed river at Balls Hill & walked 6 hrs.

Wea.

SUN. MAY 21, 1905

Ther.

39°

Clear & very cool. Heavy hoar frost in early morning.

Started out about 9 a.m. breakfast. Went first to Ritchie place. Found woods alive with birds & went to Davis Hill, Balls Hill & Healdon Hill. Country largely flooded with water. One of the biggest flocks I ever saw here!

Got back to farm at 1 P.M. Out again after dinner & at evening keeping to our farm. Apples trees mostly out of bloom now.

Wea.

MONDAY 22

Ther.

40°

Clear with strong W. wind. 72° Heavy hoar frost this morning.

Spent the entire forenoon in the woods covering the same ground as yesterday. Migrants less numerous than yesterday but nevertheless abundant still.

There was a large & interesting gathering of them on the back side of Balls Hill.

Wrote in P.M. Walked to Peterboro field & saw 8 day down woods.

Wea.

TUES. MAY 23, 1905

Ther.

48°  
68°

Clear with cool N. E. wind.

Spent a. m. in woods on the farm chiefly in Barrett Run & half a Rock pines, watching & identifying birds. There were great numbers of them, mostly about water, chiefly meadow warblers, Redstarts & down birds. Wrote letters & notes in P. M. To Peterson's field at wing for violets.

Wea.

WEDNESDAY 24

Ther.

38°

Clear &amp; warmer with S. W. wind. 76°

Took all three men to Peterson's field at 7.30 and dug a wagon load of birds foot violets. It took us all afternoon to plant them - in the opening E. of Birch Field. The men hauled wood to one woodshed in P. M. The big warbler flyer practically over & only a few north bound migrants left to day.

Concord - Cambridge - Lancaster.

Wea.

THUR. MAY 25, 1905

Ther.

50°

Clear with strong W. wind. 79°

Working all day with the men. In a. m. we went to Davis Hill where we cut up some fallen trees and to Ball's Hill where we dug a lot of ferns which we planted in P. M. along the cart road to the Rutchin place. Took a short walk with "Harry" at evening. Only northern birds noted to day were a white-crowned sparrow & 3 Black Polls.

Wea.

FRIDAY 26

Ther.

Clear with clouds gathering in P. M. Strong S. W. wind.

To Cambridge by 8.13 train & walked in Museum all day. Lunched at Miller's with Walter, Wagon & Sam Houghton. Took 3.06 train from Porter's to Lancaster where John Hoops met us at station & drove me to his house. Mr. & Mrs. Herbert Parker dined with us & we had a pleasant evening.

Wea.

SAT. MAY 27, 1905

Ther.

Cloudy with light showers  
in a.m. Wind S.W. A sultry day.

Spent a.m. with John Thayer  
in his new marsh at S. Lancaster.  
It is a beautiful little bird bog &  
(the collection is already a thing of beauty)  
Took 3.17 P.M. train for Concord.  
To W. Bedford by electric & Union  
crossed the river. Sam Henshaw  
came up by 5.30 train to pass  
Sunday on the farm.

Wea.

SUNDAY 28

Ther.

Clear & warm with light W. wind.  
A June day very perfect & beautiful.  
Sam Henshaw & I walked up road  
to Swift place after breakfast.  
R. T. Jackson, Mrs. J., & two of their  
children with Walter Dean arrived  
at farm at 10.30. We all walked  
to Ball's Hill & had dinner at  
the cabin. The party left at 3.30.  
Henshaw & I walked back & then  
went to Abbot Sawmills woods  
to see them by oak. Yellow breeding  
chat singing all day in our Berry tree.

Wea.

MON. MAY 29, 1905

Ther.

Clear & very warm with  
light S.W. wind

87°

Spent day on farm. working  
most of time with the men.  
We cleared out the hen house  
& arranged things in old barn cellar.  
The Chat in full song in early  
morning in the Berry Pasture.  
The drought is becoming severe  
& vegetation is suffering badly.  
There are few woodpeckers.

Wea.

TUESDAY 30

Ther.

A.M. Cloudy; P.M. clear; light  
rain last night wetting ground several inches  
deep.  
Spent most of day in house  
correcting proof of introduction to  
Concord Birds. Walked to  
Ball's Hill at evening & to Ritchie pt.  
at evening. Mosquitoes numerous &  
boresome. Woods in nearly full leaf.  
A few woodpeckers larger than. Heard  
2 Black jacks & an. Union Woodpecker near  
house this morning.



Wea.

WED. MAY 31, 1905

Ther.

Clear & rather cool with light N. E. wind.

To Cambridge by 8.13 train. Spent day at Museum working on proofs etc. Balthus called Sat 10.30 & worked with Walter & him. I lunched with Walter. Returned to Concord by 5.01 train.

Wea.

THUR. JUNE 1

Ther.

Clear & cool with N. wind. Heavy fog in early morning.

Spent most of day on proofs of Introduction writing half a page of new matter to fill at blank space.

Shot an English Sparrow at Petchin place in early morning & mounted from weird in. Bank Field Spring at evening.

Wea.

FRI. JUNE 2, 1905

Ther.

38°

A. M. Clear P. M. Cloudy with light shower. Thun fest this morn.

To Cambridge by 8.13 train. Worked on proofs in A. M. Lunched with Walter & Margie. Walter & I went to Balthus's at 2.30.

Returned to Concord by electric. Saw Fox on one of them. Bensen saw a Deer in lane this morning. I saw her tracks those of a medium sized doe.

Wea.

SATURDAY 3

Ther.

44°

72°

Clear and cool with high N. W. wind.

Spent day working with James & Frank (Pat has been here only one day since May 29). In the forenoon we overhauled the flower garden. In the afternoon we drove to Ball's Hill & got a lot of ferns which we planted behind the old barn. Mosquitoes bad. Forbush returns from Warham tonight.

Wea.

SUN. JUNE 4, 1905

Ther.

Forenoon clear; afternoon  
cloudy. Strong S. W. wind. Cool.

Spent most of day writing  
but took a short walk at  
noon & evening & found some  
copper trees in late P. M.

The Charming Swifts are back  
in the fork above chimney -  
2 pairs - the first since I have  
I had them out in 1903.

Wea.

MONDAY 5

Ther.

Clear & intensely warm with  
light S. W. wind.

Spent day working with  
James & Frank about the  
farm. Finished the flower  
garden, cut grass & around  
trees in front of house &  
along lane. Tree loads have been  
collected since early for a week or  
more.

Mrs. & Mrs. C. F. Bolechides  
arrived at 6 P. M. to pass night.

Wea.

TUES. JUNE 6, 1905

Ther.

Cloudy and cool with N. E.  
wind and rather heavy rain  
at intervals. The coast, indeed, has  
received a good wetting or less.

The Bolechides & I spent most  
of the forenoon at the farm but  
he walked to Bore Hill about  
noon & dined at the cabin.  
They returned to Cambridge by  
3.18 train. I planted some  
vegetables on my very back to farm.

Wea.

WEDNESDAY 7

Ther.

Cloudy with heavy cold  
N. E. wind. Heavy rain began  
about 9 P. M. & continued through  
the night.

Planted a lot of biola pedata  
in early forenoon. Spent  
remainder of day on farm  
beginning writing a short sketch  
for the book on Bohemian  
Whistles.

Saw within Swallow's nest Swifts  
to-day. They cannot have been  
all on the hill yesterday.

Wea.

THUR. JUNE 8, 1905

Ther.

N. E. wind and light rain  
through A. M. P. M. brilliantly  
clear, calm, warm.

Spent day working in  
the old barn with James  
& work. Pat did not come.  
Walked to Rutebe's place  
at 5:30 taking 2 1/2 p. from  
shot a pair of Sp. Sparrows  
& found a Horned Lark with 2 eggs  
there. Shot another Sparrow at  
the farm house.

Wea.

FRIDAY 9

Ther.

Clear and warmer with  
light easterly winds.

To Cambridge by 8.13  
train. Spent day in Museum  
working on proposal. Dined at  
Walter's. Butcher called in  
P. M. He goes to Sea North  
on the 13th. Returned to Concord  
by 5.01 train. Toobach found  
the news wire. He had just heard  
of Charles Barkley's death at the  
Malden Hospital.

Wea.

SAT. JUNE 10, 1905

Ther.

Clear & warm with light S. W. wind

To Cambridge by 8.13 train.  
Spent most of day in Museum  
working on proposal. Also did  
some work in the garden. In  
D. Wyman's place heard 1 Bluebird, 1  
1 Indigo Bunting, 1 Y. W. Vireo,  
2 Chabres, & a Robin singing at  
same time. Grosbeak, Oriole, Redstart,  
& other kinds of Cuckoo singing in garden.  
Returned to Concord by 5.01 train.

Wea.

SUNDAY 11

Ther.

Cloudy with a good rain in  
late P. M. & evening. Wind S. W.

Spent A. M. in house writing.  
In P. M. worked in Brick Field  
where I weeded & planted weeds.  
Made a short call on the Howes  
after breakfast. Peterson came to  
see me about a wagon in P. M.  
was. Wheeler also came with  
Hansen. He pulled our first  
box of strawberries to-day.

Wea.

MON. JUNE 12, 1905

Ther.

Cloudy with very heavy rain  
beginning about 8 a.m. & lasting  
until sunset. Wind S. W.

Spent day in shed & barns  
doing various things but chiefly  
superintending the men.

Karl Ellsoun began work this  
morning. Pat worked about 2 hours  
Forbush worked in P. M.

Heard a strange cry at evening  
in Barrett Run. It was a little  
like a Saw Wood Owl.

Wea.

TUESDAY 13

Ther.

A. M. clear & warm with  
light S. W. wind. Heavy Thunder  
shower in late P. M. Evening  
oppressively sultry.

Spent day about house,  
& shed. Karl working. I did  
some painting. After tea  
walked through Pulpit Rock  
woods & Birch field into Prescott's  
place. Mosquitoes savage.  
Few birds singing. One berry-  
green Heron flying over pond.

Wea.

WED. JUNE 14, 1905

Ther.

Clear & warm with light W. wind  
Spent a. m. about house working  
chiefly in garden. In P. M. went  
to Prescott's place with Forbush, James  
& F. Will. Cut a lot of young white  
pines for timbers. Walked to Pulehin  
place at evening.

For the past three evenings Hylas  
Joads & Jew, two have made a long  
deeper run in the little pond over the  
road. The Joads & Hylas are still  
giving their only party water. I also heard  
last evening of the one before the pond takes  
what it is home in that month in  
Wea. THURSDAY 15 Ther.

Clear & oppressively warm.  
with light W. wind.

Spent day working close about  
the house. Karl Ellsoun & another  
of Bow den's men began on a  
lot of paving work to be used  
on July 4. It is where we had our  
last year. Forbush & James also  
worked on it. Gilbert found a  
fresh deer trail. we walk between  
here & Pulehin place. Forbush saw  
a large Buck in Pine Park this morn.

Wea.

FRI. JUNE 16, 1905

Ther.

Clear & very warm with light W. wind.

To Cambridge by 8.13 train with Gilbert & Barry. Found C. at the house. The pleasure was at first on the addition.

Lunched with C. in piazza. Garden alive with butterflies.

Saw Walter, returned to Concord by 5.46 P.M. train. Packed up boxes of big ~~shredded~~ before dark.

Wea.

SATURDAY 17

Ther.

Clear & intensely hot. Light S.W. wind. Light shower at evening.

Spent day on farm. Karl & another carpenter working on pavilion. It will take them two more days to finish. Abundance of Fleas & ticks next to next glass pane to-day. Gilbert went to Cambridge in P.M. taking letter to C.

Wea.

SUN. JUNE 18, 1905

Ther.

Intensely hot with light S.W. wind. A.M. clear. Two thunder showers in P.M.

Walked to Birch Field after breakfast & spent some of day in house writing. In late P.M. walked to Ball's Hill. Solitary birch on hill. Saw the tracks of T. carolinensis. They were big ones. Mosquitoes terrible on Ball's Hill.

Wea.

MONDAY 19

Ther.

Cloudy with S.E. wind & heavy rain in forenoon.

To Boston by 8.13 train from Concord at North Station and Esplanade. Mackenzie & his wife & daughter. We all took 9 A.M. train for the Wier where Mr. E. H. Bond & the other teachers met us with Ste. West Wind. Arrived on board & reached Wolfboro about 3.30 P.M. Justine writing in P.M. & evening. News Academy occupied in & very afternoon labeling

Wea.

TUES. JUNE 20, 1905

Ther.

Cloudy with S.E. wind & heavy rain at intervals. Uncomfortably cold.  
 Jensen met at Hobbs on 8.30 a.m. at  
 Estabrook, Merrimack & J. K. Bond  
 left by 8.30 train. Beards & I  
 stayed over. Spent most of a.m.  
 inspecting new Academy, a fine  
 building. Graduation exercises at  
 Town Hall this evening. Annually  
 giving class & good essays.  
 Afterwards meeting of Alumni  
 good attendance.

Wea.

WEDNESDAY 21

Ther.

Steady downpour all day with  
 S.E. wind.

Beards & I left Haverhill at  
 8.30. I parted with him at  
 Haverhill & took open electric car  
 to Merrimack. Reached there long  
 frozen by the thick snow. Dined  
 at Uncle Henry's with him &  
 cousin Charley. Afterwards called  
 on Annie, Clara & Charley wife.  
 To Andover by water in late  
 P.M. to spend night

Andover - Cambridge - So. Yerrmouth.

Wea.

THUR. JUNE 22, 1905

Ther.

Forenoon cloudy, afternoon clear,  
 heavy rain again at eve.  
 After breakfast called on Edwin's  
 family. Took 9.20 train for Boston  
 with Gustav Fuller. Went to  
 Cambridge & worked with C. on  
 book paper. Took 4.38 train for  
 Cape. It took me to Yerrmouth early  
 where I drove to the Strons  
 (7 miles), in a covered buggy in a  
 heavy rain, with a dangerous horse  
 - a most unpleasant experience

Wea.

FRIDAY 23

Ther.

Cloudy & cool with light N.E. wind

Spent a.m. about the house.  
 Slept after dinner with the Strons  
 for Brewster. He had a good game  
 horse & I enjoyed the drive. He  
 went to the old mill & spent two  
 hours there most pleasantly. There  
 was lots of birds - Bluebird in the  
 carriage on the way back, when  
 we heard 4 Whippoorwill, a warbler  
 of Hermit Thrasher & a pair of herons  
 flying in the woods after dark

Wea.

SAT. JUNE 24, 1905

Ther.

Forenoon sunny; afternoon cloudy. Almost no wind.

Walked to Swan Pond in a.m. In P.M. paddled up river in a canoe canoe landing at the gay hills to take a picnic tea on the grass. Saw a number of Nighthawks, two Green Herons & one Kingfisher. Heard 3 Meadow Larks yesterday. Saw a Dove to-day at the brook.

Wea.

SUNDAY 25

Ther.

Clear with strong S. W. wind

Devoted the forenoon to writing letters. In afternoon to a fine walk to Parker River & return. During this walk I heard in a deep bluish throat a double whistle repeated many times at short intervals. It was hawk like but wholly strange to me.

Went to Mrs. Howard at 5.30 to a Sunday concert. The house full of people including 21 children

Wea.

MON. JUNE 26, 1905

Ther.

A.M. sunny with high S. W. wind. P.M. cloudy with a violent squall & change of weather at evening when the thermometer fell below 60°

The Storm & I walked to Swan Pond in a.m. Saw a Bittern fly from the branches of a young maple 8 ft. above ground at rather wide. Found a solitary young Partridge only a few days old running & peeping in the woods. Many Pigeons guarding their nests in both ponds.

Wea.

TUESDAY 27

Ther.

Partly cloudy with several big showers. Day cool.

Left Sa. Yarmouth by 9.59 train reaching Boston at 12.30. Lunched at Athletic Club & then came out to Cambridge spending afternoon in Newton.

Wea. WED. JUNE 28, 1905 Ther.

Clear & cool with several sharp  
hail showers.

Attended Commencement at Harvard.  
To yard at 9 a.m. Got tickets  
to ~~Harvard~~. Marched over to  
Sauders Theater at 10.15 &  
sat on platform. President  
Roosevelt & Secretary Taft there.  
C. in gallery. Spent at Union  
with Mrs. Dodge. At Memorial  
Hall 2.15 to 4.30. Very  
enjoying. Roosevelt, members of the  
Taft Club & Taft very interesting.

Wea. THURSDAY 29 Ther.

Clear & cool with light N.W. wind  
to Concord by 8.45 train.  
Crossed river at Ball's Hill &  
walked to farm. Changed my  
clothes and went to work  
weeding the flower garden.  
James & Frank worked at  
top of lawn of the cellar place  
to Hill.

Examined the Bat colony in shell  
to-day. There were 13 old ones and  
several young ones larger than humble bees,  
reddish and coal black. They were crawling  
over (or under) their parents.

Wea. FRI. JUNE 30, 1905 Ther.

Clear and warm.

Gilbert & I left Concord via W. Bedford  
by 8.10 train. I was to take 8.30  
train to Glendale but calling at my  
office I found that there was need of  
my going to Woburn early Monday. So  
I spent the day in Boston having  
an interview with our architect, Colby,  
& lunching at Union Club with Almy.  
Gilbert & I returned to Concord by 4.47  
train to spend Sunday.

Wea. SAT. JULY 1 Ther.

Partly cloudy; rather cool; strong W.  
wind!

Spent day on farm. Tombs painted  
and the blinds of the house. I worked  
in Ralph's field woods west of  
P.M. having a number of Hayes's  
young pines for further cutting.  
Gilbert went to Barnstable to  
get "barny".



Wea.

SUN. JULY 2, 1905

Ther.

Cloudy & cool with strong S. W. wind  
& a few light showers.

Walked up the road to call on  
Susan's Mother after breakfast. In  
P. M. went to Ball's Hill via Holden's  
Hill returning via Prescott's farm.  
Saw a few Parids with a brood  
of young as big as Pigeons at the N.  
end of Davis Hill.

Brown Tail with Caterpillars have  
appeared in several woods on Ball's  
Hill & in Bowen's clump. Saw an  
Orchard Oriole near the farm house.

Wea.

MONDAY 3

Ther.

Clear & warm

To Boston by 8, 13 train from  
W. Bedford using Cambridge on  
the way. Lunched at Parker's with  
C. at 1 P. M. Took 3.30 train  
for Woburn arriving at 8 P. M.  
To Mrs. Bond's for the night.  
Ada came there with her baby.

Wea.

TUES. JULY 4, 1905

Ther.

Clear & hot with light S. W. wind

Mrs. Bond & I spent a. m. in & about  
the new Academy building examining &  
discussing the work. The plastering is  
fully done. The carpenters began on  
the finish to - windows. In P. M.  
we walked down across the fields to the  
Barn & also visited Mr. Bond's barn & saw  
his horse pigs & cows.

A good colony of Martins near Academy.  
Saw a Screech Owl & a Woodcock  
in full song.

Wea.

WEDNESDAY 5

Ther.

Clear & very warm.

Took 7.12 train for Boston arriving  
at 10.30. Went to office for our home  
& then to Cambridge. C. has returned  
our home & we are to occupy it until  
Sept. 1. Lunched on back piazza  
with G. E. R. S., & Mrs. Almy.  
Down to Oakley Club at 1 P. M.  
& lunch with C. Geo. Everett,  
Sam Hurdman & Walter Dean.  
Flying tracks leaving in garden.

Wea.

THUR. JULY 6, 1905

Ther.

Clear & warm with light S. wind.

Spent forenoon in Museum writing letters etc. To Boston at noon with C. We visited Parin's to look at a canal but she has bought for the farm & also a small house there. Attended a meeting of our Sunday Conv. at 15 State St. 2 to 4 P.M. Arthur, Leonard, Colby & MacKinnon there. Packed on various water-carrying Academy books.

Wea.

FRIDAY 7

Ther.

Clear and warm with light W. wind

Spent day in Museum, clearing up my desk, writing letters etc. Having trucker called with us on the back piazza at 1.30.

In the evening C. & I called on the Howes & Cuthdys.

Walter & Muzji Deem started for Shalburn this morning.

By day more caterpillars in forest. Stepping our landers.

Cambridge - Boston - Concord.

Wea.

SAT. JULY 8, 1905

Ther.

Clear and hot with S. W. wind.

To Boston at 10.30. Went direct to office & visited Safety Bank with MacKinnon to cut off Irish Wharf coupons for Boston. Also Arthur & Colby our certificate. Got home at 1 P.M. & looked on full papers with C. We took 4.47 train from Boston to Concord. Sunday at Concord, Ida with us. Tuttle drove us to the farm.

Wea.

SUNDAY 9

Ther.

The Farm, Concord

92° max

Clear & intensely hot  
has thunder showers at evening

C. & I took a short walk after breakfast, visiting the farms, cow pasture etc. Spent most of a.m. reading aloud in the parlor. C. & Ida left at 3.30 driving to Concord to take 4.11 train for Cambridge.

We had a splendid bird concert at the farm in the early morning nearly all the birds living there being in full song for two or more hours. The mosquitoes have ceased to be troublesome.

Wea.

MON. JULY 10, 1905

Ther.

93° max

Clear & intensely hot. Wind inst.

Thunder showers at evening

Forbush came up at 9 a.m. and worked the rest of the day (Gilbert helping him part of the time) refitting the glass in the farmhouse windows.

James & Frank were haying. I worked at various small tasks pruning the blackberries for one thing. We had the last strawberries & the first thimbleberries to-day. Gilbert & I drove to Concord in P.M. & took 4.20 train to Cambridge.

Wea.

TUESDAY 11

Ther.

Clear & hot. Thunder storms in late P.M.

Spent most of day in Museum writing letters etc. Rose the gypsy moth effort called in late P.M. to inspect our lindans. Most of them are badly eaten and two are almost completely stripped. He will send men to-morrow to fight the gypsy caterpillars & check leaf beetles which are also doing notable damage.

Cambridge.

Wea.

WED. JULY 12, 1905

Ther.

90°

Clear and hot with N. wind

Spent day in Museum writing a few letters and reading a good deal. Mr. Bennett took tea with us & spent the evening.

Frost's men sprayed the elm in the driveway and all the elms along Brattle & Sparks Sts. in our grounds. Most of the trees are infested with elm leaf beetles. One man worked all day killing by calcium cyanide in his last my Shama Church donated from New York.

Wea.

THURSDAY 13

Ther.

92°

Clear and hot with strong N. wind. Thunder storm at 4 P.M.

Spent most of day in Museum. Roland Hayward called at 9 a.m. & Ernest Thompson Selous about 10 a.m. The latter stayed until 12.15. I had a delightful talk with them.

I have feared the spraying of our elms would kill the birds but I heard the usual ones this evening - a Redstart, Yellow Warbler, Red eye, Warbler & Yellow Warbler, flying & singing about.

Wea.

FRI. JULY 14, 1905

Ther.

92°

Clear & intensely hot. Heavy  
thunder shower at evening.

Spent a.m. in garden & museum.  
P.M. at Mus. Camp. Tool planning  
with Sam Henshaw for some  
work that I hope to do this  
next week.

The spraying of our elms has  
killed all the elm leaf beetles  
without apparently harming any of  
our birds. Dr. Dyer took tea with  
us. About 200 Robins. A cat down  
them all out just before dark.

Wea.

SATURDAY 15

Ther.

86°

Clear & cooler with fresh N.  
wind.

Spent a.m. working with Karl  
repairing the garden fence. A cat  
got in last night & again this  
morning. A pink pond lily  
opened yesterday.

C. fell in the dining room this  
morning & hurt her ankle. I went  
to Boston & called on Sister  
Rebecca at St. Margaret's at 4 P.M.  
Took 4.47 train for W. Boston  
first class to call on friend & companion

Wea.

SUN. JULY 16, 1905

Ther.

Clear & rather cool with light N. wind

Spent nearly 2 hours after breakfast  
rambling about the farms with James  
looking at the crops etc. Raspberries,  
currants & thimble berries ripe.  
After dinner picked two quarts of  
Schiffa raspberries and took them  
to Mrs. Howie's. Afterward worked in  
flower garden. Hollyhocks & Coleus in  
their best bloom. Gilbert counted 27  
Bats in shed part of their group.

Wea.

MONDAY 17

Ther.

91° wof

A.M. cloudy with light showers.  
P.M. clear & intensely hot.

Spent a.m. in and about  
house working in the garden etc.  
Furbach worked on the windows  
in the parlor. Took 4.25 train  
for Cambridge walking to Ball's Hill.  
Found fresh tracks of a large deer  
near Birch Gate. A big pine flunk  
by lighting the coal stove & fearfully  
shattered, was the wood shed at Pine Park.

Vireo flav. 1.5, V. olivaceus 1.5, Scythya 1.5  
 C. 1.5, Junco calv. 3, Passer. G. 1.5, Z. 1.5  
 grounds

Wea.

TUES. JULY 18, 1905

Ther.

94° max  
85° min

Clear & intensely hot with light W. wind.

Spent day at Mus. Comp. Zool. working on Bigelow - Bryant Coll. Very many of the birds were wrongly named by those who labelled them a year or two ago. Had a short talk with Mr. Agassiz. Also saw Hurdson & Miss Anthony. Robert Jackson & family sailed for Europe to-day.

C. & I dined at the Dalley this evening.

in Redstart, Yellow Warbler, Vireo, Red-eyed Vireo, Yellow Warbler, Junco, Spizella, etc. near Mr. C. & I.

Wea.

WEDNESDAY 19

Ther.

93° max

Clear, intensely hot, oppressively humid.

The worst day of a terrible series. A thunder storm at noon. Cooler at evening.

Spent day at Mus. Comp. Zool. working on Bigelow's collection. My room on the top floor was like an oven.

Walked ball at 4.30 P.M.

C. & I took tea on Ball's porch & spent evening in front hall reading Seldin's "Apia". About 300 Robins come to the house in the close this evening.

Wea.

THUR. JULY 20, 1905

Ther.

Clear & decidedly cooler although really a very warm day.

Worked all day in the Museum - on proofs of Cambridge Birds, letters, etc. Gilbert went in town & bought two big goldfish for the pond in front of museum. Our chemist still held out attracting many birds. We have a heavy crop this year. C. & E. R. S. went to Concord in the evening.

Merula 8  
 Wea. Scythya 1.5, Vireo fl. 1.5, Spizella 1.5, FRIDAY 21, Ther. Mus. Comp. Zool. grounds.  
 Cor. 1.5, Colaptes 1.5

Clear & cool with light E. wind.

Worked all day at Mus. Comp. Zool. on Bigelow collection. Saw Fayon & Hurdson. The latter talks G. willow with us every morning now.

After lunch I strolled about the Museum grounds smoking my pipe. An ad. ♂ Redstart, a Red-eyed vireo, a Chipping and a Wood Pewee singing & a Flicker calling. Saw 8 Robins & a few House Sparrows. Colaptes & Rob. in one garden last night.

Wea.

SAT. JULY 22, 1905

Ther.

Clear and cool with light E. wind -

Spent most of morning in Museum Roland Haywood called at 9 a.m. To the Square at 11 a.m. to see Mr. Noun & Wheeler. At the latter's got a full set of Introduction Com. Birds which had just been printed.

Took 5:01 train to West Belford.

Crossed river & walked to farm.

Cool & pleasant. Deer flies & mosquitoes terrible. Near sundown work.

Wea.

SUNDAY 23

Ther.

Cloudy most of day with light rain in early evening. Wind E.

Spent a.m. on farm weeding wild flower beds etc. 9 P.M. weeded bed in Birch Field.

Raymond & Ellen Emerson joined me there, I went with them to the cabin where they had left their canoe.

Walked back, via Holden's Hill - Deer flies simply atrocious

Wea.

MON. JULY 24, 1905

Ther.

Cloudy & cool with light E. wind. Drove to Concord this morning and took 8.06 train to Cambridge. Called at our house, saw C., changed my clothes & went in town to see Frank Manning whose mother died last Friday. Called at office & saw Lorned. Lunched at Athletic Club. Met C. at Attorford at 3.45 & with her attended Mrs Manning's funeral at 4 P.M. Chas & Mary Greenough thru. C. read to me in the evening.

Wea.

TUESDAY 25

Ther.

Clear & rather warm with W. wind.

Spent most of day in Museum writing letters etc. Almy & Husband breakfasted with us on the porch. C. & I went to Botanic Garden after dinner. He walked Eastingford & regretted we changed. They have been through all the trees & working with describers of wood & I mean saw was found a single water bed there.

Covered

Wea. SUN. JULY 30, 1905 Ther.

Cloudy with light S.E. to N.E. wind & fine steady rain.

Spent most of A.M. with James looking over the crops and planning things. He has a fine lot of vegetables etc. To Birch Field in P.M. Transplanted a lot of Columbines and other dried flowers. The recent drought has dwarfed & injured vegetation greatly.

Wea. MONDAY 31 Ther.

Cloudy with strong N.E. wind and fine misty rain. Very cool.

Spent A.M. at farm. Forbush painting, Pat & Frank burning brush near her house. Mr. James not feeling well.

Returned to Cambridge in P.M. via Ball's Hill & H. 20 train, from West Bedford. A Robin in full song at Ball's Hill. Song Sparrows singing freely.

Wea. TUES. AUG. 1, 1905 Ther.

Cloudy with N.E. wind and frequent showers. Rained long & heavily last night.

Spent day in Museum, writing letters, paying bills etc.

When I got back yesterday I found C. ill in bed. She was taken ill on Sunday.

Wea. WEDNESDAY 2 Ther.

Clear & warmer with light N. wind. Several brisk showers in P.M.

Spent morning in Museum working on Henry Camb. Birds. L. was so well today. Dr. Stearns called & says it is getting better.

To Boston in P.M. Called on Sister Rebecca at St. Margarets, on Everett Boulevard (who was out) & Jos. B. Russell. Got back at 5.30. Gilbert reports Frank discharged by James at Concord to-day.

The Cuckles began chirping this

Wea.

THUR. AUG. 3, 1905

Ther.

Clear & rather cool with light N. wind.  
A perfect summer day.

Took 9.30 a.m. train for Wolfboro  
with one architect, John. We arrived  
at 1.10 P.M. and had nearly three  
hours with Lord & Mullin looking  
over the building, settling about the grading  
etc. Lots of swamps flying over village.  
Returned by 4 P.M. train reaching Boston  
at 8.30, taking tea in station, getting home  
about 9.30. C. still in bed with some  
trouble with gall bladder & liver.

Wea.

FRIDAY 4

Ther.

Clear & warmer with light N.  
wind.

Spent day in Museum  
writing letters and working on  
proof. C. was not so well  
as yesterday. Dr. Stevens has  
gone away so she is unwilling  
to have any one of the few  
doctors remaining here. She was  
in bed all day. Gilbert went  
to Concord.

Cambridge - Boston - Milton

Wea.

SAT. AUG. 5, 1905

Ther.

Clear & warmer still with S. wind.

To Boston at 11 a.m. Visited  
one office and signed several estate  
checks. Lunched there, MacArthur Hall at  
Wolfboro. Got back in time for dinner.  
C. still in bed & very weak & suffering.  
She had Dr. McJuteh this morning. He  
agrees with Dr. Stevens's diagnosis.

I went by electric cars to Milton  
late this P.M. to spend Sunday with  
Roland Hayward.

Wea.

SUNDAY 6

Ther.

Clear & rather warm with light E. wind

Starting just after breakfast Roland  
drove me past Houghton's Pond & the  
Cross plain. Through some of the new  
Pond roads. We got back about  
10 and then walked down through  
the pasture & woods on the farm.  
Spent most of P.M. in the house.  
After supper Roland drove me to  
Roxbury & I took 7.15 train reaching  
Cambridge about 8 to find C. much  
better.



Wea.

MON. AUG. 7, 1905

Ther.

Clear & warm with light W. wind.

Spent most of day in Museum  
working on proofs of *Cont. Birds*.  
C. was much better this morning  
but in the afternoon she had  
a relapse with severe pain.

Dr. Mackintosh gave her something  
that relieved her & she had a fairly  
good night. E. R. S. & the Bonadiches  
called in the evening. Dora Thayer  
died in New York yesterday.

Wea.

TUESDAY 8

Ther.

Clear & warm with light S. wind.

Spent most of day in Museum  
writing letters & revising M.S.  
C. was much better & wholly  
free from pain.

An Ovenbird in the garden.  
Excepting a Black & White Cuckoo  
seen here last month this is the  
first migratory visitor of the summer.  
Saw a Cedar Bird carrying off a  
big piece of something like tow. It  
must have been found by a nest.

Wea.

WED. AUG. 9, 1905

Ther.

Cloudy, warm, very humid, with  
light rain in P.M.

C. much better to day but still  
confined to her couch. Gilbert went  
to Concord where he & Forbush are  
painting the parlor at the farm house.  
I spent most of day in Museum  
revising M.S. of *Cambridge Birds*.  
Took Barry to walk in P.M.  
lots of insects about. Counted by  
last evening & 10 this evening.

Wea.

THURSDAY 10

Ther.

Clear & very warm with strong  
S. W. wind.

C. had a comfortable day but  
she spent it on her couch.  
I worked in Museum at final  
revision of *Cambridge Birds*.  
Some passages I cannot improve.  
Others I alter or even rewrite.  
Took Barry to walk in late P.M.  
& rode to C. for half an hour after dinner.  
J. A. Farley, A. C. Hill & W. S.  
Freeman called in late P.M. &  
Mrs. Hammond in the evening.

Wea.

FRI. AUG. 11, 1905

Ther.

Clear, calm, warm & of pleasantly  
sunny, indeed one of the most  
trying days of a very trying summer.

C. going slowly but not yet  
on his feet. I worked all day  
in Museum chiefly on the  
Cambridge Birds. Messrs. Hill  
& Freeman who called yesterday,  
have given me a number of  
fresh records which are making  
serious trouble with my tape.

Wea.

SATURDAY 12

Ther.

Cloudy with light showers.  
Intensely sultry & humid.

Spent A. M. in Museum working  
on copy of Cambridge Birds.  
To Concord by 5:01 train.  
Crossed river to Ball's Hill and  
settled out the copies (for the  
first time since April) to post Sunday.  
Walked to Pine Park & Pine Hill  
on way. Started a brood of Partridges  
in huddling broods. A Towhee &  
a Wood Pewee haying.

Wea.

SUN. AUG. 13, 1905

Ther.

Clear & pleasantly cool with light  
N. E. wind. Evening cooler still.

Spent forenoon & evening about in the  
woods on & near Ball's Hill. There were  
neither mosquitoes nor deer flies, to  
trouble me & the woods were delightful.  
Went to the farm in P. M. Saw  
James there. He & Pat have been  
working on the pond in Bay Bottom.  
Only birds hatched haying were a Red-eye,  
a Towhee & three Wood Peewees. A Great  
Horned Owl hooting in North Field 3 P. M.

Wea.

MONDAY 14

Ther.

Clear & very cool with light N. E. wind:

Returned to Cambridge by 8.13 train.  
Found C. much better. She dined  
on the bank previous yesterday.  
Spent day working on Cambridge  
birds.  
An Oriole sang almost continuously  
for 10 or 15 minutes in the garden,  
just before sunset. Its song was  
previously well, varied & tender.  
One Redstart sang a little.

Wea.

TUES. AUG. 15, 1905

Ther.

Cloudy with steady & heavy rain.  
Wind S. Day cool.

More proof of Cambridge Birds  
can be made, I worked on  
it nearly all day. Many Greenough  
arrived at 5 P.M. to spend  
the night.

Many Greenough arrived from  
Boston this evening.

Wea.

WEDNESDAY 16

Ther.

Cloudy with N.E. wind and  
steady rain. Day chilly.

Spent day in Museum working  
on list of Cambridge Birds.  
Gilbert went to Concord &  
painted in the parlor of the  
farm house with Forbush.

Spent the evening in the den  
with Henry Greenough. Carry  
though still unfeeling was tired  
& went to bed early.

Wea.

THUR. AUG. 17, 1905

Ther.

Clear and cool with light W.  
wind. 53°

Spent most of a.m. driving  
about Cambridge looking for  
houses with Miss Holman who  
is thinking of starting a boarding  
house in our neighborhood.

More proof arrived this morning  
& I worked on it all the  
afternoon. Carry killed Mrs. Cotts  
Cowsay & got a dammed whiffing  
for it. Henry G. left us this morning.

I spent the evening at Joe's.

Wea.

FRIDAY 18

Ther.

Clear & cool with light W. wind,  
a fine day.

Worked on proof of Cambridge  
Birds all the forenoon - took  
it to the printers for fresh proofs,  
just after dinner. Dined with  
C. on the back piazza. Spent  
P.M. revising list of unprinted  
parts of Cambridge Birds  
associated with Red-eyes the only  
birds being new.

Wea.

SAT. AUG. 19, 1905

Ther.

Clear & cool with strong N.W. to N.E. winds.

Spent most of day in Museum writing letters & checks for bills. Going Fall  
Mrs. Cobb dined with C. & me on back porch. A Red-eyed Vireo & an Oriole singing early this morning. I took 5:01 P.M. train to Concord for Sunday at Ball's Hill.

Wea.

SUNDAY 20

Ther.

Brilliantly clear, rather cool.

Spent A.M. working about near Ball's Hill. In oak scrub in Mallowmore woods found a big mixed flock of Warblers etc. Called them close around me by "screeping" & positively identified the following:  
7 Chickadees, 4 Black & White Creepers, 2 Nashville, 1 ♂ Golden wing, 1 Chestnut-sided (fall pl) 4 Black thr. Green Warblers, 1 Redstart (in ♀ pl), 1 Oven bird, 3 Red-eyed Vireos, 1 Solitary V. 1 Yellow throated Vireo, 1 Hairy & 1 Downy Woodpecker. Heard Crested Flycatcher in Holden Hill woods. Walked to farm in P.M. not many birds there. Heard Whifflebird across

Wea.

MON. AUG. 21, 1905

Ther.

Clear and warm with light S.E. wind. A perfect summer day.

Walked to farm at 8 A.M. & spent most of day there. Dug 50 small white pieces in Birch field to send to Will Stone. Convers with two men, besides Pat, working at the pond excavating & working in the outlet. The dam will be built tomorrow. Gilbert & I returned to Concord by 4:20 train, driving to Concord. Found C. better

Wea.

TUESDAY 22

Ther.

Clear & very warm but not humid light S.W. wind. Thunder shown at evening.

Spent day in Museum writing up list of Mr. S. Camb birds & going steadily again. Saw Red eyes, two Yellow-throated Vireos & an Oriole in full song in early morning.

Wea.

WED. AUG. 23, 1905

Ther.

Clear & cooler with strong W. wind

Spent day in Museum working on proofs & No. 5 of Country Club, C. much better again. She came down stairs for a short walk in the garden after dinner. Gilbert went to Concord for the day.

Wea.

THURSDAY 24

Ther.

Clear and very warm with light S. W. wind.

To Concord by 8.34 train. Father's man drove me to farm & returned for me at 11.45. I went up to see James & the pond. The latter will be finished by Saturday.  
Returned by 12.27 train. Pardon came out at 3 P.M. & stayed until 10 P.M. Walter returned yesterday.

Wea.

FRI. AUG. 25, 1905

Ther.

Cloudy & cool with light E. wind. Light rain last night.

To Boston at 11 A.M. getting back at 5 P.M. Spent about 2 hours at office, visited boy's friends (My boy) & looked at old furniture on Poole St. for C. Bought a rare old picture at Cooney's 11 Park St. It is the "base Har-whoop" (\$25.00 ft.)

Wea.

SATURDAY 26

Ther.

Clear and warmer with light E. wind.

Worked in Museum all day chiefly on letters bills etc. Took 5:01 train to W. Bedford and met Forbush at the boat house. Had a walk in the Ball's Hill woods before dark & spent night at cabin. It is delightful there now for the flies & mosquitoes have wholly disappeared.

Concord - Cambridge.

Wea.

SUN. AUG. 27, 1905

Ther.

Heavy Thunder Shower 8 a.m.  
Brighter rain later. Afternoon clear.

Spent most of a.m. in cabin walking  
to Davis Hill in the rain, however,  
To the farm at 2 P.M. Went over  
the crop lands with James & also  
to the pond which is nearly finished.

(Ulsen, a Norwegian, called to solicit money  
for a church at Concord. I promised to  
give \$5.00 in October.)

Started back about 6.30 reaching cabin at  
7.15. Saw (3) Nighthawks flying S. over Benson's  
pasture

Wea.

MONDAY 28

Ther.

Clear and very cool

48°

64°

To Cambridge by 8.13 train. Found  
C. very much better.

Spent day in Museum. Worked  
on Bachman's Warbler article for Auk  
finishing it about noon.

At 4 P.M. George H. Kendall called.

With a fine-looking Chestnut near he has  
been advertising. He drove me to Howard Green

Porter passing many autos & trolley cars.  
I finally bought the mare for C. for \$250.  
- her harness for \$50. She is to be sent to Fuller  
Stable, Concord, Co. - Vermont

Wea.

TUES. AUG. 29, 1905

Ther.

Partly cloudy, cool, dry.

C. worse again to-day. I fear we  
shall not start for Portland on Thursday  
as we had hoped to do.

Spent a.m. in house & Museum.  
Wrote letters, paid bills etc.

To Mus. Comp. Zool. in P.M.

Finished the identification of the  
labeled part of the Beiglow Collection.

Returning found Mr. Elliot here with his  
maps of Cambridge Region

Wea.

WEDNESDAY 30

Ther.

A.M. Clear; P.M. Cloudy. Heavy  
thunder shower at 8.30 P.M. Warm day.

Spent a.m. writing & packing for  
Bethel. C. has decided not to go to  
Portland. She is comfortable to-day  
but weak & still on the couch in  
our chamber.

I went to Boston in P.M. Bought  
two gross maps for Concord & had my  
hair cut. Some Shama Thrush in Holden's

right hawk passed over the garden  
at 7.15

Wea.

THUR. AUG. 31, 1905

Ther.

Forenoon rainy; afternoon clear, cool.

Spent most of day in Museum working at various odd tasks. C. came down stairs to dine with me in the den but the exertion was too much for her & she had a wretched afternoon. Gilbert went to Concord for the day. Walter is here now. He goes to Wells next Thursday.

Wea.

FRI. SEPT. 1

Ther.

Clear and cool with light W. wind.

Left Boston at 9 a.m. and reached Bethel at 4.30 P.M. Mrs. Edward Wymann, her sister Mrs. Shuman, and Mrs. Sheffield (all of Cambridge) on train going to Shelburne. I spent most of my train with them. Saw little autumn color south of Portland. Beyond were a few scarlet maples in some places.

## Bethel.

Wea.

SAT. SEPT. 2, 1905

Ther.

Clear & warm with S.W. wind.

To Shack in A.M. Spent my forenoon there. The woods very beautiful. Pond half filled with water but some leaving now. In P.M. helped the Doctor plant some things in his wicket. Dr. & Mrs. Brewster (brother of Philip's brother) Mr. Goodwin, Miss Miller, Miss Barton, Mrs. Richardson, Miss Rockwell & Miss Cushman are the patients at our table. I (often) make at the 4<sup>th</sup> free my room is at Miss True's - over the pond.

Wea.

SUNDAY 3

Ther.

Heavy S.E. rain storm

The Doctor & I went to the Shack in A.M. & again after dinner, having a fine time. The waterfall was very pretty. A few birds about the spring among them a Canada & a Black-throated Blue Warbler.

# Bethel

Wea. MON. SEPT. 4, 1905 Ther.

Cloudy with light rain at intervals. Wind S. to S.W. Warm.

Dry a number of little balsams in A.M. & let them out in the doctor's nursery one of his men helping me. In P.M. the doctor & I went to the "Shack" and spent nearly two hours there talking & smoking. It was too warm for a fire. Saw a Black Thr. Blue Warbler & a Carolina Warbler there.

Wea. TUESDAY 5 Ther.

A.M. clear. Heavy & protracted thunder shower in P.M. Very warm.

Walked to the Shack after breakfast. Returning went to the village. After that had & kept being rather miserable from effects of a cold.

To Shack again after lunch. Wrote down letters there. Got back just before the shower. After it was over went down a third time with doctor. The water fall was fine to day.

# Bethel.

Wea. WED. SEPT. 6, 1905 Ther.

Alternately cloudy & clear. Several heavy & prolonged showers (without thunder) Wind N.W. With Dr. & Mrs. G. down to "Nature Camp" north Newry (14 mi.) starting at 9 A.M. & getting back at 5 P.M. At the camp met Mr. & Mrs. Chas. Kellogg, a brother of Kellogg's, his wife's mother & Dr. Egbert Bagg. of N.Y. Kellogg is a handsome fellow of about forty. He wears a scarlet coat! He took us to his wonderful water falls & gave us a pearl clam for which we paid 50¢ each! A good party at the Kelloggs' this eve.

Wea. THURSDAY 7 Ther.

Cloudy most of day. Cool.

Spent A.M. at Shack writing letters. In P.M. dug a lot of European loosestrife plants which Mrs. June has given me to take home.



Bethel - Portland - Cambridge.

Wea. FRI. SEPT. 8, 1905 Ther.

Brilliantly clear with light N. wind.  
Warmer.

To the woods at S. end of back  
field, after breakfast, Ralph with me.  
We cut down several balsams & filled  
a barrel with them. George & I took home  
afternoon to school. Made calls  
at the Tullis, Herrick & Hotel after lunch.  
The Doctor & I took the afternoon  
train to Portland where we spent  
night at Bethel.

Wea. SATURDAY 9 Ther.

Brilliantly clear, calm, pleasantly warm.

The Doctor & I took 7 a.m. train  
for Boston reaching Cambridge 11 a.m.  
Found C. much better. Dr. Gehring  
spent nearly three hours with  
her. He also roamed about the  
garden with me for half an hour.  
He started back for Bethel at  
3.35 P.M.

Wea. SUN. SEPT. 10, 1905 Ther.

Brilliantly clear, pleasantly warm, calm.

Spent most of day in Museum  
writing letters. C. very much better.  
She came down to lunch and  
walked about the garden then & just  
after breakfast, I took tea at the Hayers.

Two Vireo flavifrons singing freely 6-9 a.m.  
V. gilvus sang over. 7 larks & thrushes over.  
Agelaius milberti Am. For. Shrike Buteo calurus C. & J  
Saw a fine fresh specimen in the Garden this  
morning. It was on blossoms African mango.

Wea. MONDAY 11 Ther.

Sunny with clouds gathering in P.M.  
Warm with strong S. W. wind.

With Arthur Estabrook took 9.30 a.m.  
train for Wolfenbue arriving at 1.05.  
Spent most of P.M. inspecting new  
Academy building which is practically  
finished. At 5 P.M. started out on  
boat in steamer "Wase Wind". Had  
a delightful boat of about an hour.  
Mrs. Bond, Mrs. & Miss Bond, Mrs. Tullis  
& Mrs. & Mrs. Hathorn went with Arthur  
& I. Arthur paid the bills.

Wea. TUES. SEPT. 12, 1905 Ther.

Cloudy with heavy rain in a.m.  
and misty rain in P.M.

Arthur & I returned to Boston by  
7.12 train arriving at 10.10.  
Went direct to office, did some  
stuffing & lunched with Arthur  
in Exchange Club. With Irving  
Fischer took 2.05 train to  
Needham to see Coth Hill Farm  
where C. expects to go tomorrow. Got back  
to Cambridge about dark.

Wea. WEDNESDAY 13 Ther.

Clear & cool.

To Boston at 10.30 a.m.  
Had interview with Estabrook &  
Colby about Academy matters.  
Lunched at "Beauch of Gapes"  
After lunch made some purchases  
at Fother's, & then Plough Co's.  
After that another interview  
with Estabrook. Got home  
at 3.30 and packed my  
trunk for Glendah in which I  
am to go on Friday.

Wea. THUR. SEPT. 14, 1905 Ther.

38°

Brilliantly clear, very cool.

To W. Bedford by 8.34 train.  
Förbush met me at boat house.  
We walked to farm & spent day  
there. The new pond was being filled.  
Bourne complains that it has  
flooded his land. Masons working  
on well house in meadow. Förbush  
stuck pointing in branch. I returned  
to Cambridge for night. Förbush called  
Arthur. Had back Owl & cage of  
water food ~~and~~ at 10 P.M.

Wea. FRIDAY 15 Ther.

Brilliant morning, partly cloudy day.  
Warmer

To Boston by 8.15 train. Left  
Boston for Glendah, Beakston Co.,  
at 10.15 arriving at 4 P.M.  
The Fischer's carriage met me at  
station but I did not see Dan  
until we reached the house. He  
& I took a short walk before supper.  
There is little autumn coloring here  
yet.

Glendale, Mass.

Wea.

SAT. SEPT. 16, 1905

Ther.

Cloudy with cool S. W. wind and frequent showers.

Spent most of day working about the place. Don very busy but he was out with me in P. M. Mr. & Mrs. Bush are here; also two views of Don's house and <sup>remains of</sup> Washington. Saw (6) Chipping Sparrows & many Robins. Heard a Wood Thrush <sup>singing on a</sup> <sup>tree</sup> <sup>in the</sup> <sup>yard</sup> <sup>just</sup> <sup>before</sup> <sup>dark</sup>.

Wea.

SUNDAY 17

Ther.

Cloudy with S. W. wind and occasional showers of misty rain.

Don & I spent forenoon working about in woods near house. The Salween Red Wood Newt was out in face. We saw dozens of them.

In P. M. we went by trolley car with Bush, to the Ice Glac, Steel Bridge. It is a notable well & water spring <sup>in</sup> <sup>the</sup> <sup>area</sup> <sup>with</sup> <sup>from</sup> <sup>old</sup> <sup>woods</sup>. Hylas peeping on every side. Heard a Kinglet <sup>near</sup> <sup>the</sup> <sup>house</sup>. Family spent evening in garden.

Glendale, Mass.

Wea.

MON. SEPT. 18, 1905

Ther.

Cloudy with heavy & nearly continuous rain. Very warm & sultry Wind S. W.

Spent A. M. in studio writing. In P. M. Don and I walked to the Bowker woods. Mr. Bowker has just built a large & <sup>beautiful</sup> <sup>modern</sup> <sup>log</sup> <sup>cabin</sup> there. In it we found Mr. Mitchell who received us most kindly. We afterwards went to the pretty little artificial pond. The New England osiers are in full bloom & common. Some of the maple swamps have put on their full autumnal coloring. Saw 15 Chipping Sparrows flying S.

Wea.

TUESDAY 19

Ther.

A. M. Cloudy; P. M. Clear and almost oppressively warm.

Had a solitary walk in the woods after breakfast and a hour or two with Don in the studio afterwards.

Spent P. M. superintending some wood cutting in the woods north of the studio when Don wishes to bring into clear view a fine ledge & cave. A Banded Owl hooted in the woods near the house from 9 to 10 P. M.

Wea.

WED. SEPT. 20, 1905

Ther.

A. M. cloudy & misty. A "potential" rain in P. M. Day warm with S. W. wind.

Spent A. M. with James working in the woods just north of the Studio. We had begun there again after work when the rain drove us to shelter. I finished the afternoon in the Studio writing letters etc. Dan and I took a short walk along the road towards Knight's in evening.

Wea.

THURSDAY 21

Ther.

Brilliantly clear & rather cool with light W. wind.

Spent entire forenoon in the woods chiefly in those across the road. There were many Hemlock there - D. viridis & D. coronata chiefly. Saw also a D. maculosa & one Quercus.

Wea.

FRI. SEPT. 22, 1905

Ther.

Brilliantly clear, cooler.

Working all day in the woods north of the Studio. Devoted myself chiefly to burning a big pile of brush which has accumulated during our wood cutting operations. We have brought out some rocks & came finally to a very one most attractive & picturesque.

Wea.

SATURDAY 23

Ther.

Brilliantly clear with strong cool N. W. wind.

Spent entire day alone in the woods digging a lot of plants to send to Concord. In afternoon went along the west side of our mountain where I got a lot of Hemlock. In P. M. took the Spokane side of the mountain & devoted myself chiefly to digging monarda's hairy leaves & which I got a few lot. Dan returned a concordia in P. M.

Glendale - Boston - Concord

Wea. SUN. SEPT. 24, 1905 Ther.

Brilliantly clear. Still cool.

Dan & I spent whole A.M. together in woods. We first rambled about in the pasture & along the east side of the mountain and then visited the Knight farm and the little pond beyond. When we found the ground blue with fringed gentian & saw a number of nests. Also found one rare solitary plant. It showed us first. In P.M. took a long drive with Dan & Mrs. French passing through West Stockbridge & Alford. Saw about 50 Chipping Sparrows in one place & 10 or 12 in another. They seemed to be feeding.

Wea. MONDAY 25 Ther.

Partly cloudy with harsh N.W. wind.

Left Glendale @ 10.25 train & reached Boston at 4.30 P.M. Took 4:59 Fitchburg train to Concord. Then to W. Bedford by electric car. It was nearly dark when I reached the meadow. As I was waiting for Fitchburg I heard two night herons & a Great Blue. Journal came down after supper. Everything seems to be going on well.

Concord - Andover.

Wea. TUES. SEPT. 26, 1905 Ther. 38°

Brilliantly clear with strong cold N. wind

Walked to farm at 8 a.m. & spent afternoon there. The well house is finished & ready for its use. Returned to cabin at 11. Saw 3 Blue Rock Thrushes, a Parula Warbler & many Black birds. Took 12.45 train to Boston & 4.59 train to Andover. Found C. & Harry Telle at Phillips Inn & spent night there. Got on down train near Wake Elizabeth from Concord to Andover this afternoon. Gave up Hedges at 10.30 & a Blue Jay & 3 on Great Meadows Rd. this P.M.

Wea. WEDNESDAY 27 Ther.

Partly cloudy. Warm but cold in early morning.

Dining with Fitchburg with C. & Harry Telle and Albin Bennett. The new man appears to be nearly a perfect animal & satisfactory fowling. Spent most of P.M. at the hotel. Found the flock at evening. To give instructions about C's house. Very cold last night but no signs of frost. Fitchburg blowing everywhere.

Andover - Boston - Concord,

Wea. THUR. SEPT. 28, 1905 Ther.

Brilliantly clear. Much warmer.

To Boston by 8.21 train. Spent day in city shopping. Bought work papers for farm-house & ordered a suit of winter clothes on Smith's, visited our office, then to liquid chryse for \$12,000 + for loan from Boston in Andover. Took 4.47 train to

Concord. Forbest went with me at W. Bedford Station. Spent night at Concord.

Wea. FRIDAY 29 Ther.

Brilliantly clear; very warm; a. m. and calm; E. wind in P. m.

Spent a. m. in Holden Hill woods marking a lot of trees for cutting. In P. m. counted about in woods near Ball's Hill. Forbest writing all day. Fully 50 shots fired on Great Meadow. Saw 3 Squirrels on wing & heard one down at 8 o. m. At dawn heard some (24) Black Ducks. They came over Ball's Hill point & alighted on Great Meadow among birches.

Concord - Cambridge.

Wea. SAT. SEPT. 30, 1905 Ther.

Early morning cloudy. Remainder of day clear and very warm.

To Cambridge by 8.13 train. Met C. at home. Spent a. m. in museum looking over wood etc. An Oryzopsis crowned with a sunny golden red, as was the one found in front of museum. I got within 8 ft. of a several grains. It was a fine form. I saw it eat three large smooth caterpillars. It chirped like a woodchuck. C. went back to Andover by 3.30 train. I visited Mrs. Arch. Cook. & took 5.01 train to W. Bedford.

Wea. SUN. OCT. 1 Ther.

Early morning cloudy; remainder of day clear. Very warm. Wind light from S. W.

In a. m. paddled down river to Birch Island. Autumn coloring gorgeous. Red maples at their prime to-day. Halloweens nearly so. Birches beginning to turn. Saw about (100) Crows, (15) Black Ducks, a Grebe. To farm after dinner via Holden's Hill returning via Prescott's piers. Got within 5 ft. of a large Woodchuck. He remained perfectly still. He was in a field & I between him & his hole.

Saw a large toad  
swallowing a small brown frog

Concord

Wea. MON. OCT. 2, 1905 Ther.

Densely cloudy with strong, warm S.W. wind.

Gilbert went to Lancaster to get "Larry". I spent entire day at the farm looking out the ferns and other plants that I got at Glendale. There seemed to be an unusual death of birds. I saw almost none except a flock of sparrows in a weedy field.

Maple swamps still brilliant but the leaves are falling fast.

Wea. TUESDAY 3 Ther.

Clear & warm with light W. wind.

Spent early morning rambling about in woods near Balls Hill, forenoon writing letters, afternoon at the farm. Woods alive with black-polls, a gong & Sapsucker at town on trunk of elm near house.

Heard a Screech Owl on Polypit Rock woods, another at cabin. A Hound Owl hunting as I crossed Birch Field. Two Kingfishers at Balls Hill. Swamp maple shedding leaves fast.

Concord - Cambridge - Boston

Wea. WED. OCT. 4, 1905 Ther.

Clear & very warm with light S.W. wind.

To Cambridge by 8.13 train. Worked all forenoon on my M.C.Z. report Walter helping me. Lunched with Walter & Marie. Quantities of delicious grapes fully ripe in garden. Isabellas & Catawbas fine this year & fully ripe. To Boston on 3 P.M. Called at Colby House & sent notes to C. Belmont to Balls Hill by 4.47 train.

Wea. THURSDAY 5 Ther.

Clear & very warm with strong W. wind.

O'Connor sent me three men this morning & I set them at work with Pat (who also began to day) enlarging our boat pit. A fifth man, Edward McGrath, worked all day with me on the north side of Holden's Hill cutting down trees. James & Swift were mowing in the Barrett meadow. Birds very scarce. Chestnut leaves begin falling.

Saw a worn faded Mountain Bluebird in Holden meadow.

Concord (Ball's Hill)

Wea. FRI. OCT. 6, 1905 Ther.

Brilliantly clear & cooler with strong N. wind.

Spent day in Holden Hill woods with James, Harry & Mc. Grath. We cut a number of oaks that were crowding fine chestnuts. Pat with three of O'Connor's men worked in the boat pit which is nearly finished. I walked to Pussert's pond at evening & heard a Great Horned Owl hooting there.

Wea. SATURDAY 7 Ther.

Brilliantly clear with little or no wind. Warmer

Spent day in Holden Hill woods with James, Harry & Mc. Grath. Pat also worked through a. m. We cut down a lot more trees. The Italians worked on the boat pit near cabin.

Had ~~many~~ <sup>many</sup> bees about. Saw 3 Grackles between cabin & Browns & an June Red should have been seen.

Concord. Boston, Cambridge, Concord

Wea. SUN. OCT. 8, 1905 Ther.

Brilliantly clear & very warm with fresh S.W. wind. Mosquitoes swarming & ravenous. Tree crickets in full blast. A Phoebe in full loud song at cabin for five minutes before sunrise. A Golden Oriole singing both voc. at 8 a.m.

Spent a. m. working on my museum report, P. m. rambling about in the woods behind Ball's Hill, on Pine Ridge & on Davis Hill. Most of the swamp maples leafless & but with brilliant color on some. Have been hot all with a cold. Then fell 2 days.

Wea. MONDAY 9 Ther.

Cloudless with light S.W. to S.E. wind. As warm as a summer day.

To Boston by 8.13 train. Went direct to office and signed our quarterly annuity cheques. Also paid my tax bill by cheque.

To Cambridge at 10.30. Had Walter copy my museum report. Lunched with Wally Margie & John E. Hoyle. Planted bulbs front of house on Pine. Returned to Concord by 5.01 train.



Wea.

TUES. OCT. 10, 1905

Ther.

Clear and warm with light easterly winds.

Worked all day on the boat and canoe pits having with me James, Harry & the three O'Connor men. Forbush also worked on a canoe covering. Pat sawed wood at Holden Hill. Very few birds about. Gilmer saw two Grebes & I about 100 Rusty Blackbirds.

Wea.

WEDNESDAY 11

Ther.

Cloudy with N.E. wind light at first increasing to nearly a gale by night.

Spent day working on the enlargement of the canoe pit. We failed to finish it by night as I had hoped to do. James, Harry & the three O'Connor men worked at it. Pat sawed wood. Forbush went to Boston for the day. Birds were scarce. Saw a Grebe in the river & a Hermit near the cabin.

Wea.

THUR. OCT. 12, 1905

Ther.

Clear & cool with raging N.W. wind (The sky cleared at sunrise after heavy rain all last night)

Spent day working with the men (two of O'Connor's men, James Harry & Forbush) on the boat & canoe pits. We are doing this work thoroughly & it takes a lot of time I found. Birds very scarce. I saw nothing of any interest.

Wea.

FRIDAY 13

Ther.

Brilliantly clear with violent N.W. wind.

Spent the forenoon working on the boat & canoe pits with Forbush & O'Connor's men. In the afternoon began work on an extension of the canal on the south side of the river which I propose carrying back nearly to the boat house. James & Harry worked today on the Holden's Hill woods.

Wea.

SAT. OCT. 14, 1905

Ther.

Cloudless with light N. wind.  
A perfect October day, warm at noon.

Spent day working with James.  
In the morning we cut up a  
number of chestnut timbers in the  
Holder woods. In P.M. we worked  
across the river on the new landing  
there; O'Connor's men (only two  
were here today) were digging the  
canal to the boat house.

A gunner showed me a Coot he had  
just shot. He said there was two  
of them on the river.

Wea.

SUNDAY 15

Ther.

Clear and very warm with  
light S.W. wind.

Spent the morning across the  
river planning for the completion  
of the canal etc. Mr. Grath  
joined me there & we had a  
long talk. Went to the farm  
in P.M. calling on the Howes  
by the way. Met Edwin Barrow  
at the post & saw James.  
Returned via Pease's pier to  
Kearns Hill

Concord - Cambridge - Boston

Wea.

MON. OCT. 16, 1905

Ther.

Clear with strong S.W. wind. Very  
warm. Mosquitoes swarming & ravenous.  
Tree crickets chirping merrily at evening.

Spent day across river working on  
boat canal with James, Harry, Pat,  
and two of O'Connor's men.

Forbush went to Boston & Gilbert to  
Anderson to drive Betty back to the  
farm. C. returned to Cambridge this noon.

Walked to Pine Park at evening. The  
wedge swamps are now leafless. There is  
much better color in other woods.

Wea.

TUESDAY 17

Ther.

Cloudless with light N. wind. Cooler.

To Cambridge by 8.13 train.  
Found C. at home. She had a bad  
attack of pain in P.M. We worked  
together. I went to Boston at 3 P.M.  
& bought new belts, a harness etc.  
Took 4.47 train for Concord.  
After supper at cabin walked to farm  
with a lantern. In Barrett Run came  
on a large Skunk flattened on ground in  
path. I mistook the whole or half an  
hour for a V-shaped piece of paper.  
Heard one & I thought 2 Saw Whets in run.

Wea.

WED. OCT. 18, 1905

Ther.

Partly cloudy. Warm with  
breeze S. W. wind.

Finished the boat put  
and landing across the river at  
noon. James, Harry, Pat &  
two of O'Connor's men worked at it.  
In P. M. we all worked at  
James's landing cutting down  
a lot of trees & putting in  
posts for a new bar way of  
birds. Saw very few birds  
& nothing of interest.

Wea.

THURSDAY 19

Ther.

Tomorrow sunny but hazy. Afternoon  
cloudy with light E. wind. Very warm.

To Boston by 6.39 train. Met  
C. & Miss Lintner at North Station  
& took them to Portland where  
we met Dr. Gehring. He had several  
long talks with C. & in evening called  
Dr. Gessner in consultation. They  
agree that C. has no really serious  
trouble. Miss L. is to give her  
massage. C. & I spent night at  
the Balfour Hill.

Wea.

FRI. OCT. 20, 1905

Ther.

Cloudy with steady rain and E.  
wind in A. M. Wind shifted to W. in evening.  
*Very warm.*

C. & I returned to Boston by 9 a.m.  
train. Autumn coloring superb,  
the beeches blueberries & sumachs most  
brilliant, the oaks also fine, the  
fall woods rich russet & wine colors.  
Lunched at North Station. C. then  
went to Cambridge & I to Concord.  
Spent night at Balfour Hill.

Wea.

SATURDAY 21

Ther.

Clear & cool with high N. W.  
wind. Water froze for first time.

Spent day working with James,  
Harry & two of O'Connor's men  
on the boat canal across the river.  
Gilbert moved everything to the  
farm at 8 a.m. I followed at  
noon & lunched at farm house  
with W. W. Henshaw who arrived  
from Washington at noon & to  
stay a week or more here. He went  
to Balfour Hill with us in P. M.

Wea.

SUN. OCT. 22, 1905

Ther.

Clear and cool with light  
N. wind.

Henry & I walked about the  
farm after breakfast. Mr. Brown  
joined us at 10.30. In the  
afternoon we took a long walk  
along the Birch Rd. across Hill,  
Beech Hill & Holborn Hill.  
Mr. Brown spent the night. We  
had a good talk after supper.  
Autumn coloring coming fast.

Wea.

MONDAY 23

Ther.

Partly cloudy. Cold N.W. wind.  
Water frozen in early morning.

Spent entire forenoon working  
with the men on the boat canal  
furnishing it at noon. In P.M.  
I took Henry through the  
Abbot Bonanza woods to the  
big oak & up the Bygones wood  
beyond. As these old pine woods  
are to be cut this winter I dug  
up the fern discovered by Purdie &  
described by Sampson & Kelland is  
in the Hawk case of our barn.

Wea.

TUES. OCT. 24, 1905

Ther.

Clear & mild.

Henry Henshaw & I took the 8.13  
train to Cambridge, where we spent  
about two hours going through to Boston  
where we took the 1.47 train  
back to Concord.

Wea.

WEDNESDAY 25

Ther.

Clear & cooler with light N.W. wind

Henry & I took a drive in a.m.  
going to Concord & then to  
Beverly by way of Sandy Pond,  
returning from Middle Pond.  
Spent P.M. working with  
the men on the fence. The  
carpenters began work to-day  
on the well house across the  
road.

Wea. THUR. OCT. 26, 1905 Ther.

Clear & cold with fresh  
N. to N.E. wind.

Spent a. m. working with  
the men about the farm house.

In P. M. Harry & I drove  
to Colchester & back by way  
of the Middlebury School.

Wea. FRIDAY 27 Ther.

Brilliantly clear with N.E. to S.E. wind  
Warmer, but hard frost last night.

Spent a. m. at Ball's Hill working  
at various odd jobs with James, Harry  
& Pat. Saw a Coon swimming in the  
river opposite the Hill. The landowner  
who was certain that it finally &  
I took a boat & retrieved it for him.

In P. M. I took a drive with  
Harry Houghton down the Burlington  
road & back by the green road.

Wea. SAT. OCT. 28, 1905 Ther.

Partly cloudy; rather warm.

Spent entire day on the farm  
working at various odd tasks.  
Took a short walk after dinner  
with Harry Houghton. He drove to  
Greenland to meet Purdin in late  
P. M. Purdin is to stay over  
Sunday. We all walked to  
Bald Field at evening. Birds  
are now very scarce.

Wea. SUNDAY 29 Ther.

Brilliantly clear with cool N.W.  
wind.

Same Houghtons came by the  
morning train to spend the day.

We all went to Ball's Hill  
in the forenoon meeting Mrs.  
Mr. & Mrs. Edward Swanson and  
Raymond who had driven down  
to call on us. Raymond saw a  
deer swimming the opposite coast work.  
In P. M. the two Houghtons, Purdin &  
I went to the woods behind Big's  
to see the supposed redoubt redoubt redoubt  
H. W. Houghton's woods woods woods

Wea. MON. OCT. 30, 1905 Ther.

Brilliantly clear with light  
but keen N. wind.

Henry Henshaw & Henry Purdie  
departed by the 8.13 A.M. train.  
I spent the day working with  
James, Harry & Pat about the  
pond. The two carpenters were  
shingling the well house, & Turkish  
was making screens. Gilbert went  
to Cambridge Saturday evening &  
returned this forenoon.

Wea. TUESDAY 31 Ther.

Clear with light S. wind. Warmer,

Spent A.M. working with the men  
about the well house clearing away  
piles of dirt, rubbish etc. Gilbert  
departed for Lancaster with Harry at  
12 and I took 12.26 train for  
Cambridge, where I found C. in  
in bed with inflammatory rheumatism.

Went in town at 6 P.M. to  
spend night at Athletic Club there  
being no room for me at home

Boston - Woburn - Cambridge

Wea. WED. NOV. 1, 1905 Ther.

Morning densely foggy. Afternoon sunny  
& warm with S. wind. Colder on evening.

Took 9 A.M. train for Woburn, N.H.  
with James C. Melvin, Arthur Estabrook,  
& Henry Cobb. Judge Bell & his wife  
joined us at Manchester & President  
Fuller of Dartmouth & J. K. Lord at  
Woburn where the train met us also.  
We crossed the lake in the "West Wind"  
seeing 3 Horned Grebes & 3 Herring Gulls.  
Dedication of new school building 3-5 P.M.  
Addresses by Dr. Fuller & Judge Young.  
Reception refreshments & dancing 8-11 P.M.

Wea. THURSDAY 2 Ther.

Brilliantly clear with raging N.W. wind.  
Being cold in early morning.

Returned by 8.30 A.M. train with  
Melvin, Estabrook & Washington  
Reached Boston about 1 P.M. Went  
to see office & did some shopping.  
Got home at 4.30 P.M. finding  
C. sitting up in her wrapper with  
the pain all gone. The house is not  
yet ready for us so I had to  
take a room at Mrs. Giddens.  
Dined there at 6.30. Miss Kitty Thompson  
is very down

Wea.

FRI. NOV. 3, 1905

Ther.

Clear and cool.

To Boston at 9.30 a. m.  
 Visited J. C. Melvin's office to inspect  
 a bronze "Mercury" which he has  
 offered to give to our school at  
 Wolfboro. Told him we would accept  
 it gladly. Ordered a dress suit at  
 Somers, Park Street. Dined at  
 Athletic Club & got home at 4. P. M.  
 I have taken room & board at  
 Mrs. Horace E. Scudder's for a week or so

Wea.

SATURDAY 4

Ther.

Heavy rain last night, clearing weather  
 to day with high W. wind.

Spent day in Museum writing  
 letters etc. Harry Henshaw called  
 at 10 a. m. & stayed until noon.

Wea.

SUN. NOV. 5, 1905

Ther.

Clear &amp; mild with light S. W. wind.

Spent day in Museum writing  
 letters. Miss Erwin dined with us  
 at Mrs. Scudder's at 1.30. C. went  
 out for a walk about noon with  
 Loring Fuller. I took tea at  
 the 'Alamy' & spent the evening  
 there.

Wea.

MONDAY 6

Ther.

Cloudy with N. E. wind and  
 light but steady rain. A very  
 gloomy day.

Worked in Museum all day  
 chiefly on letters & bills. Those  
 called at 4 P. M. to plan a  
 campaign against our Gypsy Neighbors  
 Tinkers dropped in later. The  
 latter is still at Concord but  
 he intends going home on Thursday.

Wea.

TUES. NOV. 7, 1905

Ther.

Clear at sunrise but cloudy most of the day.

Spent day in Museum writing letters etc. H. W. Henshaw & E. H. Forbush spent most of P.M. with me.

C. were in Boston at 10 a.m. to spend three or four days in the Attleboro. She is very nervous & needs the change.

Wea.

WEDNESDAY 8

Ther.

Cloudy & rather mild.

Spent a.m. in Museum working on a collection of *Bobolink* eggs received last September, from Dr. Grayell. They are largely without date & the sets have not been kept open in all cases.

To Boston at 3 P.M. Attended meeting Acad. Soc. Directors at Nat. Hist. Rooms. At 5.30 called on C. & E. R. S. at the Attleboro. Attended meeting Amer. Academy at Mr. Agassiz's 8-11 P.M. Mr. Agassiz gave interesting talk on his late Albatross exp. Prof. Oswood talks on "Esperanto"

Cambridge - Lancaster

Wea.

THUR. NOV. 9, 1905

Ther.

Clear with strong N.W. wind cooler.

Spent day in Museum. Worked on Cambridge Birds in a.m.

Henry Henshaw with me in P.M.

Went in town at 5 P.M. and attended dinner of Mass. Fish & Game Protection Ass. 6 to 10.30 P.M. About thirty members present. I was called upon to speak and did so on the subject of winter distribution of *Thrus* *kyffelins* etc. but Dr. De Meint, a fine fellow

Wea.

FRIDAY 10

Ther.

Generally clear with strong N.W. wind. Shallow frosts from over.

Took 8.10 train at No. Cambridge for Lancaster. Henry Henshaw joined our car. Northam. John Boyer met us at South Lancaster & drove us to his Museum. He spent our hour there & then went to his house. He took me to the Phoenician where I saw about 200 birds in wire enclosures & a dozen or more free wild birds in woods & fields. He & his brother have had one 200 birds. I found with John Boyer, Mrs. E. J. P. & family at 3.45 train back to Cambridge



Cambridge - New York.

Wea. SAT. NOV. 11, 1905 Ther.

Clear, warmer, light S. W. wind.

On awakening this morning at Mrs. Scudder's I heard a Cardinal chirping loudly outside my window. Dressed hurriedly I rushed out to find the bird perched in a maple within of the house. He soon flew to the Spruce. He was, a male in rather light red plumage. A Cardinal as doubt for some, has frequented the Boston Garden since September. Spent day in Mason writing. Saw in our garden a Robin, a Cuckoo bird, a Hermit Thrush, 2 Field Sparrows, 2 Chickadees & a Downy Woodpecker. Spent P.M. with Mr. & Mrs. H. H. H. I took him in train to down at Athletic Club. He took 7.45 train for Washington.

Wea. SUNDAY 12 Ther.

Clear & mild

Took 10.03 A.M. train for New York to attend 23<sup>rd</sup> Congress of the A. O. U. Went alone.

Reached the Endicott, 81<sup>st</sup> St. headquarters of delegates, about 5 P.M. Found J. S. Palmer there. Also Sage & his wife. Dwight called and we had a good talk.

New York (A. O. U. Meeting)

Wea. MON. NOV. 13, 1905 Ther.

Clear & cooler.

Council meeting at Dutcher's house 10 A.M. to 5 P.M. Present Allen, Chapman, Brewster, Dutcher, Dwight, Elliot, Batchelder, Stone, Fisher, Roberts, & Sage. Dutcher gave us a delicious lunch.

Dined at Chapman's at 6-30 with Mr. & Mrs. Chapman, Miss Emory, Mr. & Mrs. Roberts & G. A. Fisher. Business meeting of Union at Museum 8-12 P.M. Sixteen members present. G. Bird Grinnell Treasurer.

Wea. TUESDAY 14 Ther.

Clear & cold with heavy N. W. wind.

First general session of Union in Amer. Mus. grand floor small room part of main entrance. Good attendance. Present among others Todd, Lucas, Pennell, Ingalls, Miss Moore, Mrs. Downport, Mrs. Whittaker.

Subscription dinner at hotel in evening. About 75 members attended. Donald Stone Jackson among those

Wea.

WED. NOV. 15, 1905

Ther.

Cloudy & overcast. Light rain at evening.

Another interesting session. Arthur Haysa addressed the meeting in P.M. on protection of birds. Don Furber came & sat with me. To Dwight at 6.30 to dine with Walter & Margie Dean, Dr. Bishop & the Fleming of Toronto. Had a very pleasant train ride up late with Oddy, Job, Palmer & Fisher.

Wea.

THURSDAY 16

Ther.

A.M. cloudy, P.M. clear. Attended only evening session. Read paper by A.T. Haysa on South Carolina birds. In P.M. went to Columbia College to call on Will Brewster & his wife Anna. The latter I had not seen before. I talked here. Spent about 1/2 hour with them & then went by subway train to W. 11<sup>th</sup> St. Don't his wife was out but I found John Nichols & his family in & spent a pleasant evening with them.

Wea.

FRI. NOV. 17, 1905

Ther.

Brilliantly clear with fresh N.W. wind.

Accompanied about fifty A.O.U. members to the Aquarium at 9 A.M. Dr. Townsend received us & showed us every thing. At 11 we all went by the ferry to the Bronx Zoo. Mr. Beebe met us at station & stayed with us all the afternoon. He had an excellent lunch for us & some things taken about. It was exceedingly interesting. Saw Lin Barn Swallows, Nighthawk, Winter Wren etc.

Wea.

SATURDAY 18

Ther.

Clear & cool.

Spent most of day in Am. Mus. Talking with Allen, Chapman, Dwight & Fleming. Also saw <sup>Elliot</sup>. After dining with Dr. & Mrs. Roberts I went with them to Am. Museum where we spent the evening.

Wea.

SUN. NOV. 19, 1905

Ther.

Brilliantly clear with light N. winds

With Walter & Margie Deane I took the 10:03 A.M. train for Boston arriving on time shortly after 4 P.M. Found C. in the baggage with Loring Fuller. She (C.) had another cotton ball attack of pain last Thursday.

Wea.

MONDAY 20

Ther.

Brilliantly clear with light N.W. wind-

Spent day in Museum writing letters & correcting proof. No calls. F. West has heard them for some time as well for ten feet and destroying gopher nests on our place. It seems a well kept hopeless task, there are a many of them.

Saw a F. G. L. a Downy & a Chickadee in the Garden. Nestled Club meeting this evening

Wea.

TUES. NOV. 21, 1905

Ther.

Brilliantly clear with almost no wind.

Spent day in Museum working on letters & proof. Also identified some birds for Wayne. F. West men exterminating eggs of gopher moth. It has been decided that our fair like hedge about the garden must be cut down it is too dry infested. The ground in jungle must also be burnt over.

Booth called in P.M. Also Sister Tiernan, Martha Louisa, Miss Anderson & Miss Allen for afternoon with C.

Wea.

WEDNESDAY 22

Ther.

Clear, calm, mild.

Go Mus. Group. Zool. at 11 A.M. to attend meeting of the Museum Committee of which I am a member. Saw Mr. Agassiz, Dr. Chever, Dr. Johnson, Mr. Hemenway and Mr. Booth a former member of the Natural Club. Also had a talk with Sam Herberman about the Bangs collection of birds which is all ready to get down. Spent afternoon at home working proof & M.S.

Walter & Margie Deane  
at home this evening

Wea.

THUR. NOV. 23, 1905

Ther.

Clear, calm, mild.

Spent day in Museum working on revision of M.S. Cambridge Birds and in garden inspecting trees mess. There were signs of them & they have devastated the fruit cutting, slashing & burning. The place is desolate & nearly ruined but the gypsy nests eggs must be nearly all destroyed. Saw this to Cardinal in our old red cedar this morning.

Wea.

FRIDAY 24

Ther.

Clear &amp; mild with strong S.W. wind.

Spent forenoon in Museum writing. A young man named Wharton called bringing a note of introduction from Gen. Jefferson. Walter showed him ten birds I want in town at noon to attend a meeting of Birding Com. of Cambridge. Present Brewster, Arthur, E. H. Bond, Macomber, Colby & Cummings & one birdler with whom we made a final settlement. Bought a #12 copy of Dove Gazette to give to Harry Macomber.

Wea.

SAT. NOV. 25, 1905

Ther.

Clear, calm, mild.

Spent most of the day in the Museum revising M.S. of Cambridge Birds. Also devoted a good deal of time to improving the work of the gypsy nest destroyers.

Wea.

SUNDAY 26

Ther.

A.M. clear & calm; P.M. cloudy with light S.E. wind.

Spent A.M. in Museum working on final revision of Cambridge Birds & writing a few letters. Will & Alice Stone dined with us and spent the entire afternoon. May & Guy Deane called about 5 P.M.

Wea.

MON. NOV. 27, 1905

Ther.

Brilliantly clear with strong N.W. wind. Cooled the ground freezing slightly.

Took 8.34 train to Concord. Mr. James met me at station. We drove directly to the farm where I spent the remainder of the morning. Mrs. James gave me a good dinner after which I went with James & Harry to Pine Park where we cut a lot of my planted pines to use for covering on Long Bridge. They are now 12 to 15 feet in height.

Returned to Cambridge by 4.24 train driving to the Concord station with Betty.

Wea.

TUESDAY 28

Ther.

A. M. sunny. Clouds gathering in P.M. with strong S.W. wind & rain after dark.

Spent A.M. in Museum reading Mr. S. of Cambridge Birds. Dr. Selwyn arrived about noon & lunch with us. After lunch he had a long talk with C. who is sick with cold.

I went to town with him at 4.30 & saw George Townsend at the Bureau. Returned in time to meet Sam Thompson, who dined & spent the evening with us. Dr. Jones of Melden called in P.M.

Wea.

WED. NOV. 29, 1905

Ther.

Cloudy & warm with light S.W. wind and steady rain. The first good rain for weeks.

Spent day in Museum working on revision of Mr. S. Cambridge Birds. No calls.

C. & I attended the Symphony Concert at Sanders Theater this evening. It was an exceptionally beautiful concert & the seats were nearly all filled despite the pouring rain.

Wea.

THURSDAY 30

Ther.

Thanksgiving Day.  
Brilliantly clear with strong N.W. wind. The temperature fell steadily through the day. At 10 A.M. it was 28° at 4 P.M. 20°.

Took a walk with Larry after breakfast. After that wrote letters. Saw V. Bennett, Clarence J. Blake, H. A. Parding, George B. Townsend and Alice Allen dined with C. & me at 1.30. Most of town stayed over the dark. Heard the Cardinal in our garden about dusk. The only other bird noted there was a Blue Jay.

Wea.

FRI. DEC. 1, 1905

Ther.

Brilliantly clear &amp; rather cold

12°

Spent most of day in town.  
Called at office and did  
some miscellaneous shopping.

Bought 5 original Audubon  
plates, the Partridge, Swallow  
Warbler, Herring Gull, Snowy Owl  
& Yellow-crowned Night Heron.

To Athletic Club at 5 P.M. Put  
on my clean shirt & attended  
dinner N. E. Bow. Club 6.30-10 P.M.  
45 members present. Talked with  
James, Ben Watson, Sam of Amherst  
& others. Home by 11 P.M.

Wea.

SATURDAY 2

Ther.

Cloudy with light rain in late  
P.M. Warmer with S.W. wind.

To Boston at 9.30. Met Committee  
N. E. Bow. Club at Park Com. Office,  
Dr. Kennedy, Dr. Kiddle & Mr. Morse.  
Mr. de la Cruz took us to  
Middlesex Fields. We spent entire day  
there driving all our rhesus  
hunting at low, head quarters when  
we met Mr. C. P. Price & saw his Zoo.  
Over 1000 Gulls & several hundred  
Blessed Ducks in Spot Pond. Had  
a fine day. Got home at 6 P.M.

Wea.

SUN. DEC. 3, 1905

Ther.

Cloudy with incessant heavy rain.  
A.M. warm with S. E. wind. P.M.  
chilly with strong N. E. wind.

Sam Henshaw took breakfast &  
Joell Nichols dined with me. I  
spent most of A.M. writing letters.  
C. came to early church and  
then to Roxbury to see Miss Everett.  
She took tea with me & read  
some Hedins book on Amn in the  
evening.

Wea.

MONDAY 4

Ther.

Partly cloudy, cooler.

Spent day in Museum working  
at final revision of Cambridge Birds.  
No calls. Natural Club this  
evening - a big meeting with  
annual election of officers &  
a paper by Townsend on  
Birds of Cape Breton.  
The ground is still only thawed by  
frost & the grass remains green.  
I see Blue jays daily in the Garden  
few other birds appear. Anne was

Wea.

TUES. DEC. 5, 1905

Ther.

Brisillantly clear with light, crisp  
N. W. wind; a fine late autumn day.

Worked all day in Museum on  
revision Cambridge Birds. Wheeler  
of Miller's Mass. called in P.M.  
C. made a lot of calls in Boston  
in P.M. Sam. <sup>was expected to dine</sup> ~~arrived~~  
with us at 6.45 but he did  
not appear.

Wea.

WEDNESDAY 6

Ther.

Partly cloudy. Warmer.

Spent day in Museum working  
on revision Cambridge Birds.  
No calls.

C. & I dined with the Fullers  
this evening with being Fuller,  
Apheliah Fuller, Mrs. Cobb & Mr. &  
Mrs. Henderson. Mrs. Cobb read down  
very bright & graceful letter written  
by Dolores Webster to her grandfather  
over than 100 years ago.

Wea.

THUR. DEC. 7, 1905

Ther.

Partly cloudy, calm, mild.

Working all day in Museum on  
revision Cambridge Birds. Fortsch  
called in P.M. C. is again  
offering leave from this time from  
an evening work.

Mr. Dimick of the Field Game  
Protection Ass. came out at 5 P.M.  
& stayed until 6.45. He has persuaded  
me to accept nomination for presidency  
of the Association - justly against my will.

Wea.

FRIDAY 8

Ther.

Clear & mild

I am in the grip of a heavy  
cold but have managed to work  
in the Museum all day, revising  
N.S. of Cambridge Birds.

The Cardinal Grebbell spent an  
hour in the garden this A.M.  
He inspected the fruit on the Coleopter  
& finally came to that on my  
window sill & ate of it freely, as  
I sat in my chair not 5 ft. from  
him.

Wea.

SAT. DEC. 9, 1905

Ther.

Cloudy & chilly thro' mid.  
Heavy rain after 10 P.M.

Spent A.M. in Museum working  
on revision Cambridge Birds,  
P.M. in house with C. making  
out lists of things for Christmas.  
C. went to Dramatic Club  
play this evening with Bonnie Tucker.

Wea.

SUNDAY 10

Ther.

The rain turned to snow in the  
night & this morning the ground was  
covered (for the first time this autumn)  
with snow. It was damp & bright day.

Spent most of day in  
Museum writing letters. Charlie Dean  
(Rathbone's son) & the two Curtis Bros.  
(friends of Tom Fielder) with Larry  
Fielder, Mrs. Cobb, Walter & Meyer  
dined with us at 1 P.M.  
Sam Hershorn came to breakfast,  
etc.

Wea.

MON. DEC. 11, 1905

Ther.

Cloudy with flurries of snow. A  
chilly, gloomy day. Very fair sleighing.

Spent day in Museum revising proof  
of Cambridge Birds. Have had 44  
galley's, carrying the list through the Ovals.  
Took a walk with C. after breakfast.  
She fell on the ice near Museum Gate.  
was not badly hurt. Harry D. Scraft  
called at 5 P.M. I gave him \$5.00 to  
help him get his epileptic son back to  
England. An agent of Houghton & Mifflin  
called & I ordered the subscription of Thoreau  
at \$2.50.

Wea.

TUESDAY 12

Ther.

Cloudy & intensely chilly.

Spent day in Museum,  
working on proofs of Cambridge Birds.  
Bryce Sumner & a Miss Wheeler  
of Bangor called in P.M.

Dr. Gebring arrived at 5 P.M.  
to spend the night.

My only walk to-day was to  
the polls in Leonard St., to vote,  
this morning.



Wea.

WED. DEC. 13, 1905

Ther.

Brilliantly clear with light N. wind

The car denied approval again  
this afternoon & etc. part of  
day had on my window.

Dr. Gehring left us at 8.30,  
I spent day in Museum work;  
one proof of Cambridge Birds,  
to Boston at 5.30. Dined  
with Dr. Gehring & George at  
the hotel, and spent the  
evening with them then getting  
home at 11. C. is suffering  
again from pain in the back due  
to her fall on the ice on Monday.

Wea.

THURSDAY 14

Ther.

Brilliantly clear with light N. wind  
Warmer, the streets sloppy at noon.

To Boston at 11. First to office to  
meet A. H. Dunham of Nome, Alaska.  
He brought a number of birds. I bought  
a ♂ Spotted Owl (at \$35.), a ♂ Hell's  
Eider (10.) Black Ch. Dove at \$5.  
Puffed Grouse 2.50 Fox. G. 1.00 = 2.50  
also skin of Arctic Fox 10.00  
After this had some Christmas  
shopping at Arts & Crafts & Graves's  
got home - 6.50 p.m.

Wea.

FRI. DEC. 15, 1905

Ther.

70 min.

Cloudy and cold.

Spent day in Museum working  
on both proof of M.S. & Cambridge  
Birds. No calls. C. had a  
very wretched day. She is confined  
to her room and suffering much  
pain in the back. I saw  
Dr. Drive at noon & he called  
at 3 P.M. He could find no evidence  
of any lesions in the  
Saw Husbands dined with me at 6.30  
Chickadee & a Kinglet

Wea.

SATURDAY 16

Ther.

Cloudy with rising bar for afternoon.

Spent day in Museum. Worked  
on revision of M.S. & Cambridge  
at 5 p.m. A lot of people  
came to see the birds in P.M.  
A. H. Dunham of Alaska came on  
I & stayed until 4. At 3.30  
Mrs. Henderson & her son came.  
Also Mrs. Carey Mrs. G.H. & son;  
Fuller & two Carey boys came.  
Saw a Shrike in the Garden at 10 a.m.  
I was eating an

Wea.

SUN. DEC. 17, 1905

Ther.

Clear & mild with light W. wind.

Sam Henshaw took breakfast with me  
Soon afterwards I went for a walk  
with Barry. Spent remainder of forenoon  
writing letters. Will & Abner Stone, Gray  
& Mary Deane dined with me at 1.30.  
Mr. Bennett & Gray Farnsworth called  
in P.M. Spent the day in  
my morning room. I took tea with  
me then & we read Sven Hedin's  
travels afterwards.

Wea.

MONDAY 18

Ther.

Clear, calm, mild. In evening,  
was washed & there is no fog  
flourishing.

Spent A.M. in Museum  
working on M.S. of Connecticut Birds

Dinner at 12.30. Attended  
a meeting of Botanical Club  
Comm. at Mr. Hadden's office.  
Only he, Dr. Kennedy & I were  
present. Afterwards called at  
office & read from Christmas  
shop.

Wea.

TUES. DEC. 19, 1905

Ther.

Partly cloudy, calm, mild

Spent day in Museum working  
on revision of Connecticut Birds.  
C. is gone. I go to again,  
probably to the library. In  
P.M. would dined with me  
at 6.30 and after drinking a  
cigar departed for home to finish  
the copy of volume. I am working  
Cooper out.

Wea.

WEDNESDAY 20

Ther.

Clear, mild, calm

Walked to Elmwood with Barry  
just after breakfast. I met and  
chat with various of my neighbors  
during this morning walk. In  
evening I talked with Abner Ho.

Spent day in Museum revising  
M.S. of Connecticut Birds.  
Heard in Garden a Blue Jay,  
Pheasant, a Crow, a Chickadee

Wea.

THUR. DEC. 21, 1905

Ther.

A gloomy day with dark skies, dense mist and heavy rain.

Spent day in Museum working on revision of *Car. & d. Birds*. C. gave a roller cage lunch party. The We Die Club met at Botchell's this evening. Walter & I went in a carriage. Besides ourselves notable there were several jennies, Johnson, Lasswell, Goodale & Rand. We had a very pleasant time.

Wea.

FRIDAY 22

Ther.

Clear & slightly cool at a walk on  
11<sup>th</sup>.

Went out to buy for the first time since the 11<sup>th</sup>. We walked by way of Fagans & Highland St. I worked on revision of *Car. birds*. C. & d. all day. Saw in the Garden the Chickadee, 2 Brown Creeper & a Downy. Crows coming loudly on the London road.

Wea.

SAT. DEC. 23, 1905

Ther.

Clear & warm in the City. We went

Walked to Glenwood with dog after breakfast. Spent evening in Courtly, Birds. In afternoon took up & unrolled Christmas presents.

Wea.

SUNDAY 24

Ther.

Clear, calm, mild.

Spent a. m. writing letters in Museum. C. went to church & returned in pair to spend the afternoon on her couch. I went to Boston for her to see Solly Deane & the Messrs Rogers who took our tickets for the Christmas. I took tea with Frances Manning & Margaret getting home at 8.30.

Wea.

MON. DEC. 25, 1905

Ther.

A perfect day very clear, very mild & without a breath of wind.

C. was better this morning but she did not venture out. We dined together at noon and opened our presents after dinner when E. R. S. joined us as usual. In the afternoon I went to the Sportsman's Show at Mechanics Building to hear Seton's lecture. After it was over he joined me & we had half an hour together.

Wea.

TUESDAY 26

Ther.

Clear, calm, mild.

C. & I called on some of the neighbors after breakfast to show thanks for Christmas gifts. He saw Mr. Fallers, Almy, Deans & Colledge. Returning about 10 a.m. I found F. Small Chapman had arrived. He spent the day in my museum writing descriptions of birds, nests & eggs for his forthcoming book on "Walkers". He spent the evening in my dining room as usual.

Wea.

WED. DEC. 27, 1905

Ther.

Clear, calm, mild.

Chapman worked through the morning in my museum. Seton joined us about noon for half an hour. Chapman lectured at Sportsman's Show at 4 & 8 P.M. I went in with him & spent most of afternoon. The show of waterfowl & Ptarmigan is very good. Saw a pair of Sparrow-hawks & several Crows.

Wea.

THURSDAY 28

Ther.

Clear, calm, warm. (One of the most perfect days of a rare Spring-like kind. The grass is very green, the roads dry & dusty.)

Worked all day in museum on the S. & P. M. of the "London & Paris". Made a few more calls with C. just after breakfast. Sam Henshaw dined with me at 6 P.M. and we went to the Sportsman's Show together getting home about 11 P.M.

Wea.

FRI. DEC. 29, 1905

Ther.

Heavy rain with S.E. wind. Very warm.

Spent day in Museum working on proofs of Cambridge Birds.

Went in town at 5 P.M. &

looked at suites of rooms for C. at the Charlesgate & Affinity. Dined at Athletic Club where Walter joined me at 7.15. We went to the Sportsman's Arms together & stayed until 10.30.

Wea.

SATURDAY 30

Ther.

Clear & cooler but with only a slight touch of frost. Strong N.W. wind.

Spent day in Museum working on proofs of Cambridge Birds. No callers. Walked to Harvard Square after supper & had very hard cut.

Wea.

SUN. DEC. 31, 1905

Ther.

Brilliantly clear with light W. wind. Mild.

Sam Henshaw took breakfast with me. Wrote letters until 11 a.m. when C. and I went to Andover by 12 m. train arriving at 1. Dined at Seander's with him, Ada, Will & Anna Edwin & Alice & their three children. Con. (Greenough) Fuller called. C. & I returned to Cambridge by 4.30 train. No snow, ponds frozen but rivers & brooks open, grass very green.

NOTES FOR 1906

The autumn has been a rare one with few storms & almost no violent winds. November weather has been continued (with one or two short breaks) through December. The country now looks as it usually does early in November, and the weather is clear, crisp, & west for continuous day after day. We have had only a few chilly days thus far & but one or two really cold ones. It has been a poor autumn for birds & they are very scarce now.

## MEMORANDA

Aug. 19 C. F. B. over m  
 Pd. ✓ Walker & Pratt, Bill 5.90  
 Oakley Club dues 12.50

## MEMORANDA

For my throat cough:

Jinctum Myr Vomica  
 10 to 12 drops in wine glass  
 of water. Take 3 glasses a day.

Castle Hill Farm, Medfield,  
 Mass. Mrs. Geo. Washburn.  
 Station: Farm St. Station,  
 Woburn Div. B. & A. R. R.

MEMORANDA

MEMORANDA

WAGES

Name

Engaged

WAGES

When Due

When Paid

Amount



LETTER REGISTER

Name

Received

Answered

LETTER REGISTER

Name

Received

Answered

## ADDRESSES

Name	Residence
<u>Herman Haupt Jr.</u>	1123 Broadway Suite 801, New York
<u>Wood &amp; Freeman</u>	Fitchburg, Mass. (Golden Wyom. dist.)
Mrs. Marcus <u>Baker</u>	1905-16 <sup>th</sup> St Washington, D. C. Rent \$50 a month.
C. P. Barnes	Mason, N. H.
W. A. Coulkin	231 West 21 <sup>st</sup> N. Y. Shepherd Church.
H. A. Purdie	per. add., 48 Boylston St. Bos.
Rev. J. C. Brooks	Christ Church Rectory Springfield, Mass.
York & Whitney Produce & Grocery	Conseway St. Boston endorsed by Mr. G. A. H.
<u>William Brewster</u>	Concord, Mass. Box # 62 R.F.D. 1 Tel. 128 day 3.
R. Deane	504 N. State St. Chicago

## ADDRESSES

Name	Residence
J. W. J. Nichols	Home 42 W. 11 <sup>th</sup> St. Office 40 Thomas St. } N. Y.

### VISITS

Name

Address

### VISITS

Reception Day

Visit Received

Visit Returned

## MEMORANDA

Date

Dolls. Cts.

Send copy Birds  
Cape Region to  
Division Birds, Smith Ins.

## MEMORANDA

Date

Dolls. Cts.



CASH ACCOUNT—DECEMBER

Date

Received

Paid

CASH ACCOUNT—DECEMBER

Date

Received

Paid

# SUMMARY

	Received	Paid
Cash on hand Jan. 1		
JANUARY		
FEBRUARY		
MARCH		
APRIL		
MAY		
JUNE		
JULY		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		
Total		
Balance to new account		



1906							1906						
SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
..	1	2	3	4	5	6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	29	30	31	..	..	..	29	30	31	..	..	..	..
..	..	..	..	1	2	3	..	..	..	1	2	3	4
4	5	6	7	8	9	10	5	6	7	8	9	10	11
11	12	13	14	15	16	17	12	13	14	15	16	17	18
18	19	20	21	22	23	24	19	20	21	22	23	24	25
25	26	27	28	..	..	..	26	27	28	29	30	31	..
..	..	..	..	1	2	3	..	..	..	..	..	..	1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30	31	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	..	..	..	..	..	..
1	2	3	4	5	6	7	..	1	2	3	4	5	6
8	9	10	11	12	13	14	7	8	9	10	11	12	13
15	16	17	18	19	20	21	14	15	16	17	18	19	20
22	23	24	25	26	27	28	21	22	23	24	25	26	27
29	30	..	..	..	..	..	28	29	30	31	..	..	..
..	..	1	2	3	4	5	..	..	..	..	1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31	..	..	25	26	27	28	29	30	..
..	..	..	..	..	1	2	..	..	..	..	..	..	1
3	4	5	6	7	8	9	2	3	4	5	6	7	8
10	11	12	13	14	15	16	9	10	11	12	13	14	15
17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29
..	..	..	..	..	..	..	30	31	..	..	..	..	..

# BRIEF CHRONOLOGY OF RUSSIAN-JAPANESE WAR

Feb. 6, 1904—Minister Kurino demands his passports at St. Petersburg.  
 Feb. 8—First attack on Port Arthur.  
 April 13—Battleship Petropavlovsk blown up at Port Arthur and 750 men lost, including Admiral Karakoff and the painter Verestchagin.  
 April 30—May 1—Battle of the Yalu river.  
 May 26-27—Battle of Kinchow and Nanshan.  
 June 15-16—Battle of Telissu, sealing the fate of Port Arthur.  
 July 6—Oyama starts for the front.  
 July 23-25—Severe defeat of the Russians at Tashichao.  
 Aug. 10—Naval fight off Round Island and dispersal of the Russian fleet.  
 Aug. 14—Cruiser Rurik sunk in Korea Strait.  
 Aug. 28-Sept. 4—Battles for possession of Liaoyang.

Oct. 6-14—Battle of the Sha river.  
 Nov. 30—203 Meter Hill at Port Arthur taken by the Japs.  
 Jan. 1, 1905—Surrender of Port Arthur.  
 Jan. 25-28—Gripenberg defeated at Sandiapu.  
 Feb. 26-March 12—Battle of Mukden.  
 April 8—Baltic fleet enters Chinese waters.  
 May 27-28—Destruction of the Baltic fleet by Togo's ships.  
 June 8—President Roosevelt obtains consent of belligerents to discuss peace terms.  
 July 24—Czar and kaiser hold a nocturnal meeting on the yacht Polar Star in the gulf of Finland.  
 Aug. 2—Arrangements completed for envoys at Portsmouth.  
 Aug. 22—Arrangements completed for a treaty of peace.

## RUSSIAN LOSSES IN GUNS AND AMMUNITION

The Russian losses in guns and ammunition in land battles up to and including the rout at Mukden have been compiled as follows by a London military expert. Of course the armament of captured naval vessels is not included:

Name of battle.	Guns.	Rounds of gun ammunition.	Rifles.	Rounds of rifle ammunition.
The Yalu.....	26	58,717	1,021	353,005
Fengwanheng.....	...	357	.....	181,000
Nanshan.....	78	357	.....	.....
Tehlisz.....	6	1,121	958	57,233
Hsihoyen.....	...	.....	300	.....
Tomucheng.....	6	570	63	980
Yushulin.....	2	.....	600	.....
Yangtseling.....		.....	.....	.....
Liaoyang.....	8	10,056	3,478	.....
The Shaho.....	45	6,920	5,474	78,000
Port Arthur.....	528	206,734	36,598	1,638,730
Heikoutai.....	...	.....	2,000	.....
Mukden.....	66	227,700	62,200	26,640,000
<b>Total.....</b>	<b>775</b>	<b>512,532</b>	<b>112,692</b>	<b>28,948,948</b>

## CASUALTIES, EXPENSES AND LOSSES INCURRED IN WAR

Length of the war to date, days.....	562
Total casualties—Russians.....	210,000
Total casualties—Japanese.....	160,000
Cost of war to Japan.....	\$1,125,000,000
Cost to Russia.....	1,500,000,000
Japan's war loans.....	650,000,000
Russia's war loans.....	670,000,000
Russia's loss in ships.....	150,000,000
Japan's loss in ships.....	20,000,000
Russian war ships sunk or captured.....	64
Japanese big vessels lost.....	5
Big land battles won by the Japanese.....	15
Chief naval victories of Japan.....	5
Length of Port Arthur siege, days.....	218
Japanese casualties at Port Arthur.....	46,000
Russian casualties at Port Arthur.....	15,500

### DISPUTES WHICH LED UP TO THE REMARKABLE WAR

The main causes for the war have been officially stated as:

First—Russia's policy of playing fast and loose with her promises as to the evacuation of Manchuria, whereby China's sovereignty over that land was practically annulled; and the equal commercial rights therein of the rest of the world seriously threatened.

Second—Russia's refusal to recognize Japan's paramount interests in Korea, and her own diplomatic moves in that peninsula looking toward treaty rights under which she might gain control of the port of Fusan, the more northern harbors of Vladivostok and Port Arthur having proved less serviceable than had been anticipated.

Third—Japan's 7-yr.-old grudge against Russia for ousting her from Port Arthur at the close of her contest with China, and (also) Russia's fatal ignorance of Japan's preparedness and her over-confidence in her own strength.

### LOSSES IN SHIPS DURING PROGRESS OF WAR.

	Russia.	Japan.
Battleships.....	13	2
Cruisers.....	18	4
Coast defence boats.....	2	1
Special service vessels.....	3	1
Destroyers.....	19	3
Gunboats.....	4	0
Torpedo boats.....	6	10
Transports.....	3	3
<b>Totals.....</b>	<b>88</b>	<b>24</b>



## THE MARKET FOR BREADSTUFFS

### Ideal Weather in Northwest Gives Wheat Another Shove Down — Corn and Oats Lower.

Chicago, Aug. 29.—Local weather in the northwest was the main weakening feature in the wheat market here. A minor factor was the conclusion of arrangements for peace between Russia and Japan. At the close wheat for Sept. delivery was off ½ close wheat for Sept. delivery was off ½@¾c. Corn was down 1½c. Oats showed weakness in the wheat pit developed after trading was well underway. At the opening the market was quite steady, with small local receipts and a comparatively steady tone of cables. Pit traders were inclined to sell, but for a time offerings were well taken by commission houses. Later many small holders became active sellers, and prices quickly declined. An increase of 1,500,000 bu. in the world's visible supply, shown by Bradstreet's, was one reason for the increased selling during the last half of the session. Announcement of the amicable settlement of peace negotiations at Portsmouth had some effect on late trading. A slight rally occurred on covering by shorts, but the close was weak. Primary receipts were 607,000 bu.

Weakness prevailed in the corn pit the entire day. Commission houses and cash interests were liberal sellers. Lower cables increased receipts and almost perfect weather for the maturing of the crop were the chief bearish factors. The market closed weak with prices at practically the lowest point of the day. Local receipts were 787 cars, with 419 of contract grade.

Oats were weak in sympathy with other grains. The volume of trading was light. Local receipts were 447 cars.

Estimated receipts for tomorrow: Wheat 51 cars; corn, 416 cars; oats, 237 cars.

	Open.	High.	Low.	Clos.	Prev.
Wheat—Sept.....	79½	79½	78½	79	79½
Dec.....	81½	81½	80½	80½	81¼
May.....	84½	84½	83½	83¾	84½
Corn—Sept.....	52½	53	51½	51½	53
Dec.....	43	43¼	42¼	42¼	43¼
May.....	43	43¼	42½	42¾	43¼
Oats—Sept.....	25½	25½	25½	25½	25¾
Dec.....	26½	26¾	26½	26½	26¾
Pork—Sept.....	14 75	14 95	14 75	14 95	14 67
Oct.....	14 72	14 85	14 72	14 85	14 67
Lard—Sept.....	7 87	7 92	7 87	7 92	7 85
Oct.....	7 90	8 00	7 90	8 00	7 90
Ribs—Sept.....	8 80	8 80	8 77	8 82	8 77
Oct.....	8 87	8 92	8 85	8 92	8 85

New York, Aug. 29.—Flour, receipts 28,750 bbls.; exports, 2218 bbls.; sales, 4700 pkgs.; dull and lower to sell. Rye flour—new, steady; cornmeal, steady; rye, easy; barley, barely steady.

Wheat receipts, 6000 bu.; sales, 3,900,000 bu.; futures, 16,000 bu. spot. Spot easy. Corn receipts, 80,625 bu.; sales, 15,000 bu.; futures, 88,000 bu. spot. Spot easy. Oats receipts, 244,500 bu.; spot steady.

### COTTON.

New York, Aug. 29.—Spot closed quiet, 10 points decline; middling upland, 11.25; middling gulf, 11.50; sales none.

Futures closed steady.

	Yes.	Cl.	Open.	High.	Low.	Clos.
Aug.....	10.94	10.94	10.98	10.98	10.93	10.93
Sept.....	10.95	10.95	10.90	10.98	10.84	10.84
Oct.....	11.12	11.12	11.10	11.16	10.99	11.02
Nov.....	11.14	11.14	11.20	11.20	11.07	11.07
Dec.....	11.23	11.23	11.27	11.27	11.10	11.13
Jan.....	11.29	11.33	11.33	11.33	11.15	11.17
Mar.....	11.34	11.36	11.36	11.37	11.23	11.25
Apr.....	11.37	11.30	11.30	11.30	11.30	11.30
May.....	11.38	11.41	11.41	11.42	11.26	11.23

	Consolidated port receipts.	Bales.
Net for 4 days.....	40,555	
Exports to Great Britain.....	27,771	
Exports to France.....	253	
Exports to the Continent.....	8,143	
Exports to Japan.....	163	
Exports to Mexico.....	1,600	
Stocks in U. S. ports.....	328,221	

### LIVERPOOL TELEGRAMS.

	Yes.	Cl.	2 P.M.	4 P.M.
Aug.....	5.91	5.91	5.91	5.91
Aug-Sept.....	5.91	5.91	5.90	5.90
Sept-Oct.....	5.91	5.91	5.90	5.90
Oct-Nov.....	5.94	5.94	5.93	5.93
Nov-Dec.....	5.96	5.96	5.95	5.95
Dec-Jan.....	5.97	5.97	5.95	5.97
Jan-Feb.....	5.99	5.99	5.99	5.98
Feb-Mar.....	6.00	6.00	6.00	5.93
Mar-Apr.....	6.02	6.02	6.01	6.01
Apr-May.....	6.02	6.02	6.00	6.02
May-June.....	6.02	6.02	6.02	6.03

## EXECUTORS DEMUR

### NO RELIEF FOR RECEIVER

#### Ex-Central Bank Directors Ask That They Be Not Compelled to Answer Charges.

A demurrer asking the court that they may not be compelled to answer the charges made by Receiver Allen of the defunct Central bank, and that the bill against them may be dismissed, has been filed by W. P. B. Weeks, S. R. Anthony and E. H. Talbot, executors of the will and testament of A. G. Weeks, one of the former directors of the bank, against whom Receiver Allen made such serious charges last month.

Weeks and Talbot, as executors, were mentioned in Receiver Allen's bill, which alleged gross mismanagement, fraudulent and collusive conduct of the affairs of the bank, and asked for an accounting for the losses of the stockholders by the failure in 1902.

The total losses, according to the receiver, were between \$300,000 and \$500,000. A suit in law was also filed against Talbot and Weeks, as executors, and the ad damnum placed at \$300,000.

Neither man was charged with any personal responsibility, and neither was charged with having known anything about the alleged losses for which the estate was held liable by Receiver Allen.

According to the demurrer, the plaintiff, on his own showing, was not entitled to the relief prayed for in his own, on which he seeks to charge these defendants in their capacity of executors jointly with other defendants acting in their own right.

The demurrer declares, moreover, that the cause for the bill in which they are concerned was abated by the death of Weeks, for whom they are executors.

The bill seeks to hold these defendants for the alleged violations of the testator of the provisions of the national bank act, but does not allege that such violations have been determined in any U. S. court in any suit brought by the comptroller.

## AUTOIST BARRY ACQUITTED OF HAVING FAKE NUMBER

#### Officer Melvin Did Not Have Witness to Back Up His Claim.

J. M. Barry, 552 Tremont st., in the Roxbury court on the charge of having a "fake" number on his automobile, was discharged by Judge Bolster.

It was largely a case of veracity or eyesight between Barry, an instructor in automobile driving and Mounted Officer Melvin, who summoned Barry into court.

Melvin's story was that on Aug. 23, at 4.10 p. m., he overtook Barry on Mass. ave.; that on the front of Barry's automobile was the regulation Mass. highway commission's number, 0182, and on the pack on a piece of pasteboard was 0182.

Barry under oath claimed he knew nothing about number 0182, that the only number he owns is 6862, and that he has permission to use a temporary card for 60 days. He produced his number, badge and permit.

It seems that the auto number 0182 belongs to W. C. Masters, 16 Columbus ave.

Officer Melvin told the court he didn't have Masters as a witness because automobilists back up each other's stories so frequently.

In this puzzling predicament, the fact that in broad daylight an officer couldn't copy a number of 4 digits or else that Barry was a perjurer, Judge Bolster said Masters ought to have been summoned as a witness, and ordered Barry's discharge.

## DREW KNIFE ON HIM

#### Says Hedberg of Andrews in Assault Case Hearing.

The latest in entomology.

A fly and a flea in a flue,  
Wondering what they should do,  
"Let us fly", said the flea,  
"Let us flea", said the fly,  
So they flew through a flaw in the flue.

From R. Deane.

Buy for covered

1 roll copper netting 28 in wide  
a lot of moulding half round  
for screens

