

Diary.

1912.

85

SBV 97.41.1(24)

William Brewster,  
145 Brattle St.  
Cambridge,  
Massachusetts,  
U.S.A.

If this diary is lost  
and found the finder  
will be suitably rewarded  
for restoring it to me  
at the above address.  
My foreign address is  
in care of Brown, Shipley &  
Co. Pall Mall, London.

THE  
STANDARD

DIARY



For Sale by All Stationers.

PUBLISHED BY  
THE STANDARD DIARY CO

## FOR IDENTIFICATION.

*My Name*.....

*My Residence*.....

*My Business Address*.....

*My Home Telephone*.....

*My Office Telephone*.....

*In case of accident or serious illness please notify*

*The make of my Automobile*.....

*Its number*.....

*Number on case of my Watch*.....

*Number of the works*.....

*Number of my Bank Book*.....

*My Weight was*.....

*On*.....

*and my Height*.....feet.....inches

*Size of Hat*.....*Gloves*.....

“ *Hosiery*.....*Collar*.....

“ *Cuffs*.....*Shoes*.....

“ *Shirt*.....*Drawers*.....

# CALENDAR.

## 1912

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
JAN.	..	1	2	3	4	5	6	JULY.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13		7	8	9	10	11	12	13
	14	15	16	17	18	19	20		14	15	16	17	18	19	20
	21	22	23	24	25	26	27		21	22	23	24	25	26	27
	28	29	30	31	..	..	..		28	29	30	31	..	..	..
	..	..	..	..	1	2	3		..	..	..	..	1	2	3
	4	5	6	7	8	9	10		4	5	6	7	8	9	10
	11	12	13	14	15	16	17		11	12	13	14	15	16	17
	18	19	20	21	22	23	24		18	19	20	21	22	23	24
	25	26	27	28	29	..	..		25	26	27	28	29	30	31
	..	..	..	..	..	1	2		..	..	..	..	..	..	..
	3	4	5	6	7	8	9		1	2	3	4	5	6	7
	10	11	12	13	14	15	16		8	9	10	11	12	13	14
	17	18	19	20	21	22	23		15	16	17	18	19	20	21
	24	25	26	27	28	29	30		22	23	24	25	26	27	28
	31	..	..	..	..	..	..		29	30	..	..	..	..	..
	..	1	2	3	4	5	6		..	..	1	2	3	4	5
	7	8	9	10	11	12	13		6	7	8	9	10	11	12
	14	15	16	17	18	19	20		13	14	15	16	17	18	19
	21	22	23	24	25	26	27		20	21	22	23	24	25	26
	28	29	30	..	..	..	..		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		..	..	..	..	..	..	..
	2	3	4	5	6	7	8		1	2	3	4	5	6	7
	9	10	11	12	13	14	15		8	9	10	11	12	13	14
	16	17	18	19	20	21	22		15	16	17	18	19	20	21
	23	24	25	26	27	28	29		22	23	24	25	26	27	28
	30	..	..	..	..	..	..		29	30	31	..	..	..	..
	..	..	..	..	..	..	..		..	..	..	..	..	..	..

# CALENDAR.

## 1913

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
JAN.	5	6	7	8	9	10	11	JULY.	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	29	30	31	..		27	28	29	30	31	..	..
FEB.	2	3	4	5	6	7	8	AUG.	3	4	5	6	7	8	9
	9	10	11	12	13	14	15		10	11	12	13	14	15	16
	16	17	18	19	20	21	22		17	18	19	20	21	22	23
	23	24	25	26	27	28	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	1		31	..	..	..	..	..	..
	2	3	4	5	6	7	8		..	1	2	3	4	5	6
MAR.	9	10	11	12	13	14	15	SEPT.	7	8	9	10	11	12	13
	16	17	18	19	20	21	22		14	15	16	17	18	19	20
	23	24	25	26	27	28	29		21	22	23	24	25	26	27
	30	31	..	..	..	..	..		28	29	30	..	..	..	..
	..	..	1	2	3	4	5		..	..	..	1	2	3	4
APRIL.	6	7	8	9	10	11	12	OCT.	5	6	7	8	9	10	11
	13	14	15	16	17	18	19		12	13	14	15	16	17	18
	20	21	22	23	24	25	26		19	20	21	22	23	24	25
	27	28	29	30	..	..	..		26	27	28	29	30	31	..
	..	..	..	..	1	2	3		..	..	..	..	..	..	1
MAY.	4	5	6	7	8	9	10	NOV.	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
JUNE.	8	9	10	11	12	13	14	DEC.	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	..	..	..

## RATES OF POSTAGE.

(Official at time of going to press, but subject to change.)

**U. S. and Possessions, Canada, Mexico, Cuba and Shanghai.**  
 First class (letters, etc.) . . . . . per oz. 2c  
 Second class (newspapers, periodicals) . . . . . 4 " 1c  
 Third class (books, circulars) . . . . . 2 " 1c  
 Fourth class (merchandise, etc.) . . . . . 1 " 1c  
 Registration fee (extra postage) . . . . . 10c  
 Special delivery ( " " ) . . . . . 10c  
 Postal cards (reply cards 2c.) . . . . . 1c  
 Local or drop letters (where no free delivery) per oz. 1c  
 Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.

### To Foreign Countries.

Letters for British Isles and Newfoundland 1 oz., 2c  
 " for Germany 1 " 2c  
 (If sent by German steamer)  
 " for other countries . . . . . 1 " 5c  
 each additional oz. or fraction 3c  
 Postal Cards (reply cards, 4c) . . . . . 2c  
 Newspapers and printed matter . . . . . 2 oz., 1c  
 Samples merchandise . . . . . first 4 " 2c  
 " every additional 2 " 1c  
 Commercial papers . . . . . first 10 oz. or fraction 5c  
 " every additional 2 oz., 1c  
 Registration Fee (extra postage) . . . . . 10c  
 Reply Coupons . . . . . 6c  
 Parcel Post (enquire at P. O.) . . . . . per lb. 12c  
 Money Orders (enquire at P. O.)

**REFORWARDING.**—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed* without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

**ALL MAILABLE MATTER** not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

**MONEY ORDERS.**—For sums not exceeding \$2.50, three cents; \$2.50 to \$5, five cents; \$5 to \$10, eight cents; \$10 to \$20, ten cents; \$20 to \$30, twelve cents; \$30 to \$40, fifteen cents; \$40 to \$50, eighteen cents; \$50 to \$60, twenty cents; \$60 to \$75, twenty-five cents; \$75 to \$100, thirty cents.

## LEGAL HOLIDAYS.

*In most States when the holiday falls on Sunday  
the Monday following is observed.*

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

**ALABAMA**—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

**ALASKA**—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

**ARIZONA**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.

**ARKANSAS**—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25.

**CALIFORNIA**—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. election.

**COLORADO**—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

**CONNECTICUT**—Jan. 1, Feb. 12 and 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

**DELAWARE**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, elec. day.

**DISTRICT OF COLUMBIA**—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.

**FLORIDA**—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25, general election

**GEORGIA**—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.

**HAWAII**—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.

**IDAHO**—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, any day of Thanksgiving, Dec. 25, general election.

**ILLINOIS**—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. days.

**INDIANA**—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

**IOWA**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election,

**KANSAS**—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**KENTUCKY**—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Thanksgiving, Dec. 25, gen. election.

**LOUISIANA**—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.

**MAINE**—Jan. 1, Feb. 22, Arbor Day, Patriots' Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.

**MARYLAND**—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.

**MASSACHUSETTS**—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.

**MICHIGAN**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, election days.

**MINNESOTA**—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

**MISSISSIPPI**—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

**MISSOURI**—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

**MONTANA**—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

**NEBRASKA**—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.

**NEVADA**—Jan. 1, Feb. 12 and 22, May 30, July 4, Thanksgiving, Dec. 25, general election.

**NEW HAMPSHIRE**—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**NEW JERSEY**—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P.M., general election.

**NEW MEXICO**—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, gen. elec.

**NEW YORK**—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

**NORTH CAROLINA**—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

**NORTH DAKOTA**—Jan. 1, Feb. 12 and 22, May 30, elec. last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

**OHIO**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**OKLAHOMA**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, election day.

**OREGON**—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

**PENNSYLVANIA**—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P. M.

**RHODE ISLAND**—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

**SOUTH CAROLINA**—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

**SOUTH DAKOTA**—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

**TENNESSEE**—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P. M.

**TEXAS**—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Mon. in September, days of Fasting and Thanksgiving, Dec. 25, election day.

**UTAH**—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Dec. 25.

**VERMONT**—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Thanksgiving, Dec. 25.

**VIRGINIA**—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P. M., general election.

**WASHINGTON**—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

**WEST VIRGINIA**—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, any day of National Thanksgiving, Dec. 25, general election.

**WISCONSIN**—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

**WYOMING**—Jan. 1, Feb. 12 and 22, May 30, July 4, Arbor Day, Labor Day, Thanksgiving, Dec. 25, gen. election.

## POPULATION OF THE UNITED STATES.

	1910	1900
Alabama .....	2,138,093	1,828,697
Arizona .....	204,354	122,931
Arkansas.....	1,574,449	1,311,564
California.....	2,377,549	1,485,053
Colorado.....	799,024	539,700
Connecticut.....	1,114,756	908,420
Delaware.....	202,322	184,735
Dist. of Columbia.....	331,069	278,718
Florida .....	752,619	528,542
Georgia.....	2,609,121	2,216,331
Idaho.....	325,594	161,772
Illinois.....	5,638,591	4,821,550
Indiana.....	2,700,876	2,516,462
Iowa .....	2,224,771	2,231,853
Kansas .....	1,690,949	1,470,495
Kentucky .....	2,289,905	2,147,174
Louisiana .....	1,656,388	1,381,625
Maine .....	742,371	694,466
Maryland .....	1,294,450	1,188,044
Massachusetts.....	3,366,416	2,805,346
Michigan.....	2,810,173	2,420,982
Minnesota.....	2,075,708	1,751,394
Mississippi.....	1,797,114	1,551,270
Missouri.....	3,293,335	3,106,665
Montana.....	376,053	243,329
Nebraska.....	1,192,214	1,066,300
Nevada.....	81,875	42,335

POPULATION OF THE UNITED STATES—CONTINUED.

	1910	1900
New Hampshire.....	430,572	411,588
New Jersey.....	2,537,167	1,883,669
New Mexico.....	327,396	195,310
New York.....	9,113,614	7,268,894
North Carolina.....	2,206,287	1,893,810
North Dakota.....	577,056	319,146
Ohio.....	4,767,121	4,157,545
Oklahoma.....	1,657,155	790,391
Oregon.....	672,765	413,536
Pennsylvania.....	7,665,111	6,302,115
Rhode Island.....	542,674	428,556
South Carolina.....	1,515,400	1,340,316
South Dakota.....	583,888	401,570
Tennessee.....	2,184,789	2,020,616
Texas.....	3,896,542	3,048,710
Utah.....	373,351	276,749
Vermont.....	355,956	343,641
Virginia.....	2,061,612	1,854,184
Washington.....	1,141,990	518,103
West Virginia.....	1,221,119	958,800
Wisconsin.....	2,333,860	2,069,042
Wyoming.....	145,965	92,531
Alaska.....	64,356	63,592
Hawaii.....	191,909	154,001
Porto Rico.....	1,118,012	953,243
Military and Naval.....	55,608	91,219
United States.....	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O. ....	69,067	42,728
Albany, N. Y. ....	100,253	94,151
Allentown, Pa. ....	51,913	35,416
Altoona, Pa. ....	52,127	38,973
Atlanta, Ga. ....	154,839	89,872
Atlantic City, N. J. ....	46,150	27,838
Baltimore, Md. ....	558,485	508,957
Bay City, Mich. ....	45,166	27,628
Bayonne, N. J. ....	55,545	32,722
Binghamton, N. Y. ....	48,443	39,647
Birmingham, Ala. ....	132,685	38,415
Boston, Mass. ....	670,585	560,892
Bridgeport, Conn. ....	102,054	70,996
Brockton, Mass. ....	56,878	40,063
Brooklyn, N. Y. ....	1,634,351	1,166,582
Buffalo, N. Y. ....	423,715	352,387
Cambridge, Mass. ....	104,839	91,886
Camden, N. J. ....	94,538	75,935
Canton, O. ....	50,217	30,667
Charleston, S. C. ....	58,833	55,807
Chattanooga, Tenn. ....	44,604	30,154
Chicago, Ill. ....	2,185,283	1,698,575
Cincinnati, O. ....	364,463	325,902
Cleveland, O. ....	560,663	381,768
Columbus, O. ....	181,548	125,560
Covington, Ky. ....	53,270	42,938
Dallas, Tex. ....	92,104	42,638
Dayton, O. ....	116,577	85,333
Denver, Col. ....	213,381	133,859
Des Moines, Ia. ....	86,368	62,139
Detroit, Mich. ....	465,766	285,704
Duluth, Minn. ....	78,466	52,969
East St. Louis, Ill. ....	58,547	29,655
Elizabeth, N. J. ....	73,409	52,130
Erie, Pa. ....	66,525	52,733
Evansville, Ind. ....	69,647	59,007
Fall River, Mass. ....	119,295	104,863
Fort Wayne, Ind. ....	63,933	45,115
Fort Worth, Tex. ....	73,312	26,688
Grand Rapids, Mich. ....	112,571	87,565
Harrisburg, Pa. ....	64,186	50,167
Hartford, Conn. ....	98,915	79,850



POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Haverhill, Mass. ....	44,115	37,175
Hoboken, N. J. ....	70,324	59,364
Holyoke, Mass. ....	57,730	45,712
Houston, Tex. ....	78,800	44,633
Indianapolis, Ind. ....	233,650	169,164
Jacksonville, Fla. ....	57,699	28,429
Jersey City, N. J. ....	267,779	206,433
Johnstown, Pa. ....	55,482	35,936
Kansas City, Kan. ....	82,331	51,418
Kansas City, Mo. ....	248,381	163,752
Lancaster, Pa. ....	47,227	41,459
Lawrence, Mass. ....	85,892	62,559
Lincoln, Neb. ....	43,973	40,169
Little Rock, Ark. ....	45,941	38,307
Los Angeles, Cal. ....	319,198	102,479
Louisville, Ky. ....	223,928	204,731
Lowell, Mass. ....	106,294	94,969
Lynn, Mass. ....	89,336	68,513
Malden, Mass. ....	44,404	33,664
Manchester, N. H. ....	70,063	56,987
Memphis, Tenn. ....	131,105	102,320
Milwaukee, Wis. ....	373,857	285,315
Minneapolis, Minn. ....	301,408	202,718
Mobile, Ala. ....	51,521	38,469
Nashville, Tenn. ....	110,364	80,865
Newark, N. J. ....	347,469	246,070
New Bedford, Mass. ....	96,652	62,442
New Britain, Conn. ....	43,916	25,998
New Haven, Conn. ....	133,605	108,027
New Orleans, La. ....	339,075	287,104
New York, N. Y. ....	4,766,883	3,437,202
Norfolk, Va. ....	67,452	46,624
Oakland, Cal. ....	150,174	66,960
Oklahoma City, Okla. ....	64,205	10,037
Omaha, Neb. ....	124,096	102,555
Passaic, N. J. ....	54,773	27,777
Paterson, N. J. ....	125,600	105,171
Pawtucket, R. I. ....	51,622	39,231
Peoria, Ill. ....	66,950	56,100
Philadelphia, Pa. ....	1,549,008	1,293,697
Pittsburg and Allegheny, Pa. ....	533,905	451,512
Portland, Me. ....	58,571	50,145
Portland, Ore. ....	207,214	90,426

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Providence, R. I. ....	224,326	175,597
Pueblo, Col. ....	44,395	28,157
Reading, Pa. ....	96,071	78,961
Richmond, Va. ....	127,628	85,050
Rochester, N. Y. ....	218,149	162,608
Rockford, Ill. ....	45,401	31,051
Sacramento, Cal. ....	44,696	29,282
Saginaw, Mich. ....	50,510	42,345
Saint Joseph, Mo. ....	77,403	102,979
Saint Louis, Mo. ....	687,029	575,238
Saint Paul, Minn. ....	214,744	163,065
Salem, Mass. ....	43,697	35,956
Salt Lake City, Utah. ....	92,777	53,531
San Antonio, Tex. ....	96,614	53,321
San Francisco, Cal. ....	416,912	342,782
Savannah, Ga. ....	65,064	54,244
Schenectady, N. Y. ....	72,826	31,682
Scranton, Pa. ....	129,867	102,026
Seattle, Wash. ....	237,194	80,671
Sioux City, Ia. ....	47,828	33,111
Somerville, Mass. ....	77,236	61,643
South Bend, Ind. ....	53,684	35,999
Spokane, Wash. ....	104,402	36,848
Springfield, Ill. ....	51,678	34,159
Springfield, Mass. ....	88,926	62,059
Springfield, O. ....	46,921	38,253
Syracuse, N. Y. ....	137,249	108,374
Tacoma, Wash. ....	83,743	37,714
Terre Haute, Ind. ....	58,157	36,673
Toledo, O. ....	168,497	131,822
Topeka, Kan. ....	43,684	33,608
Trenton, N. J. ....	96,815	73,307
Troy, N. Y. ....	76,813	60,651
Utica, N. Y. ....	74,419	56,383
Washington, D. C. ....	331,069	278,718
Waterbury, Conn. ....	73,141	45,859
Wichita, Kan. ....	52,450	24,671
Wilkesbarre, Pa. ....	67,105	51,721
Wilmington, Del. ....	87,411	76,508
Worcester, Mass. ....	145,986	118,421
Yonkers, N. Y. ....	79,803	47,931
York, Pa. ....	44,750	33,708
Youngstown, O. ....	79,066	44,885

## ECLIPSES FOR THE YEAR.

In the year 1912 there will be four Eclipses, two of the Sun and two of the Moon.

I. A PARTIAL ECLIPSE OF THE MOON, April 1-2. Invisible to the United States. Visible to Europe, Asia and Africa, and in part to the northeastern tip of North America, South America except the northwest portion, and the western portion of Australia.

II. A CENTRAL ECLIPSE OF THE SUN, April 17. Visible to the eastern portion of North America, the West Indies, the northern and northeastern portions of South America, Europe, northwest Africa, and the western part of Asia. Occurring as a partial eclipse as follows:

	Standard	Begins.	Ends.
Boston . . . .	Eastern	5h. 15m. M.	6 41 M.
New York . .	"	Before sunrise.	6 38 M.
Pittsburgh .	"	" "	6 36 M.
Washington .	"	" "	6 35 M.
Charleston .	"	Middle before sunrise.	6 28 M.
Cincinnati .	Central	" " "	5 33 M.
Chicago . . .	"	" " "	5 36 M.
St. Paul . . .	"	" " "	5 40 M.
Nashville . .	"	" " "	5 30 M.
St. Louis . .	"	" " "	5 33 M.
Atlanta . . . .	"	" " "	5 28 M.

III. A PARTIAL ECLIPSE OF THE MOON, September 26. Visible to the central and western portions of North America, Australia and the Pacific Ocean, and in part to the eastern portions of Asia. Occurring as follows:

Standard . . . . .	Central.	Mountain.	Pacific.
	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>
M'n enters shadow	5 3 M.	4 3 M.	3 3 M.
Middle of eclipse . .	5 45 M.	4 45 M.	3 45 M.
M'n leaves shadow	6 26 M.	5 26 M.	4 26 M.

First contact of shadow, 8 degrees from the north point of the Moon's limb toward the west.  
Magnitude of Eclipse, 0.122 (Moon's diameter, 1.0).

IV. A TOTAL ECLIPSE OF THE SUN, October 10. Visible to the southeast tip of the United States, the southern part of Mexico, Central America, the West Indies, South America and the southern end of Africa. Occurring as a small partial eclipse as follows:

	Standard	Begins.	Ends.
		<i>h. m.</i>	<i>h. m.</i>
Charleston .	Eastern.	6 27 M.	7 7 M.
Savannah . . .	Central.	Just before sunrise.	6 11 M.
Atlanta . . . .	"	Before sunrise.	6 5 M.
Jacksonville	"	" "	6 18 M.
Mobile . . . . .	"	Middle before sunrise.	6 18 M.
New Orleans	"	" " "	6 21 M.
Galveston . .	"	" " "	6 25 M.

## BUSINESS LAWS IN BRIEF.

- It is a fraud to conceal a fraud.
- A note given by a minor is void.
- Ignorance of the law excuses no one.
- A contract made with a lunatic is void.
- A contract made with a minor is invalid.
- The acts of one partner bind all the others.
- An agreement without consideration is void.
- The law compels no one to do impossibilities.
- Contracts made on Sunday cannot be enforced.
- Signatures made in lead pencil are good in law.
- A receipt for money paid is not legally conclusive.
- Principals are responsible for the acts of their agents.
- It is not legally necessary to say on a note "for value received."
- Each individual in a partnership is responsible for the whole amount of the debts of the firm.
- Checks or drafts must be presented for payment without unreasonable delay.
- If the time of payment of a note is not inserted, it is held payable on demand.
- A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

# WEIGHTS AND MEASURES.

## MEASURE OF LENGTH.

4	In. = 1 Hand.	3	Feet = 1 Yard.
7.92	In. = 1 Link.	5½	Yds. = 1 Rod or Pole
18	In. = 1 Cubit.	40	Poles = 1 Furlong
12	In. = 1 Foot.	8	Fur. = 1 Mile.
6	Ft. = 1 Fathom.	69 1-6	Miles = 1 Degree.
60 Geographical Miles = 1 Degree.			
1760 Yards } = 1 Mile.			
5280 Feet }			

## MEASURE OF SURFACE.

144	Square Inches = 1 Square Foot.
9	Square Feet = 1 Square Yard.
30¼	Square Yards = 1 Sq. Rod, Perch or Pole
40	Square Rods = 1 Square Rood.
4	Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.	
10	Square Chains = 1 Acre.
640	Acres = 1 Square Mile.
272½	Square Feet = 1 Square Rod.
43,560	Square Feet = 1 Acre.

## MEASURE OF SOLIDITY.

1728	Cubic Inches = 1 Cubic Foot.
27	Cubic Feet = 1 Cubic Yard.

## AVOIRDUPOIS WEIGHT.

27¼	Grains = 1 Drachm (dr.) or 27¼ Grains
16	Drachms = 1 Ounce (oz.) or 437½ "
16	Ounces = 1 Pound (lb.) or 7000 "
28	Pounds = 1 Quarter (qr.).
4	Quarters = 1 Hundred-Weight (cwt)
20	Cwts. = 1 Ton.
2240	Pounds = 1 Ton.

## TROY WEIGHT.

24	Grains = 1 Pennyweight, or 24 Grains.
20	Pennywts = 1 Ounce, or 480 "
12	Ounces = 1 Pound, or 5760 "

## APOTHECARIES' WEIGHT.

20	Grains = 1 Scruple.	8	Drachms = 1 Ounce.
3	Scruples = 1 Drachm.	12	Ounces = 1 Pound.

# INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	Days of Grace		Interest Rates		PENALTY OF USURY.
	Notes.	Sight Drafts.	Legal.	SPECIAL OR CONTRACT.	
Alabama .....	No	No	8	8 per ct.	Forft. of all int.....
Alaska.....	Yes	No	8	12 per ct.	.....
Arizona.....	No	No	6	No limit.	None.....
Arkansas.....	Yes	Yes	6	10 per ct.	Forft. principal & int.
California.....	No	No	7	No limit.	None.....
Colorado.....	No	No	8	No limit.	None.....
Connecticut.....	No	No	6	No limit.	None.....
Delaware.....	No	No	6	6 per ct.	Forfeiture principal.
District of Col...	No	No	6	10 per ct.	Forft. of entire int...
Florida.....	No	No	8	10 per ct.	Forft. of entire int...
Georgia.....	No	No	7	8 per ct.	Forft. of excess of int.
Hawaiian Isl'ds.	No	No	8	12 per ct.	.....
Idaho.....	No	No	7	12 per ct.	Fft.int. & 10 p.ct. prin.
Illinois.....	No	No	5	7 per ct.	Forft. of entire int...
Indiana.....	No	No	6	8 per ct.	Forft. int. over 6 p.ct.
Iowa.....	No	No	6	8 per ct.	Fft. int., costs, etc. ..
Kansas.....	No	No	6	10 per ct.	Fft twice ex over 10 pct
Kentucky.....	No	No	6	6 per ct.	Forft excess of int..
Louisiana.....	No	No	5	8 per ct.	Forft. of interest.....
Maine.....	No	Yes	6	No limit.	None.....
Maryland.....	No	No	6	6 per ct.	Forft. entire interest.
Massachusetts ..	No	Yes	6	No limit.	None.....
Michigan.....	No	No	5	7 per ct.	Forft. of interest.....
Minnesota.....	No	Yes	6	10 per ct.	Forft. of prin & int...
Mississippi.....	Yes	Yes	6	10 per ct.	Forft. of interest.....
Missouri.....	No	No	6	8 per ct.	Forfeiture 10 per cent
Montana.....	No	No	8	No limit.	None.....
Nebraska.....	No	No	7	10 per ct.	Forft. entire interest.
Nevada.....	Yes	No	7	No limit.	None.....
New Hampshire.	No	Yes	6	6 per ct.	Fft. treble exc. of int
New Jersey.....	No	No	6	6 per ct.	Forft. int. & costs....
New Mexico.....	Yes	Yes	6	12 per ct.	Forft. dbl. amt. of int
New York... ..	No	No	6	6 per ct.	Forft. of prin. & int..
North Carolina..	No	No	6	6 per ct.	Fft. dbl. amt. of int..
North Dakota ...	No	No	7	12 per ct.	Forft. excess of int...
Ohio.....	No	No	6	8 per ct.	Forft. excess of int...
Oklahoma.....	Yes	Yes	6	10 per ct.	.....
Oregon.....	No	No	6	10 per ct.	Fft. prin. & int.....
Pennsylvania ..	No	No	6	6 per ct.	Forft. excess of int..
Philippine Isl'ds	No	No	6	No limit.	.....
Porto Rico.....	No	No	6	12 per ct.	.....
Rhode Island ..	No	Yes	6	No limit.	None.. ..
South Carolina..	Yes	Yes	7	8 per ct.	Forfeit of interest ...
South Dakota..	Yes	Yes	7	12 per ct.	Forft. int., fine, imp't
Tennessee.....	No	No	6	6 per ct.	Forft. excess of int.
Texas.....	Yes	Yes	6	10 per ct.	Forft. entire interest.
Utah.....	No	No	8	12 per ct.	None.....
Vermont.....	No	No	6	6 per ct.	Forft. of excess.....
Virginia.....	No	No	6	6 per ct.	Forft. entire interest.
Washington....	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia..	No	No	6	6 per ct.	Forfeit. of excess int.
Wisconsin.....	No	No	6	10 per ct.	Fft.treble amt.ex.int.
Wyoming.....	No	No	8	12 per ct.	Forft. entire interest.

## HELP! In Case of Accidents.

**Drowning.** 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting 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.

**Burns and Scalds.** Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

**Lightning.** Dash cold water over a person struck.

**Sunstroke.** Loosen clothing. Get patient into shade and apply ice-cold water to head.

**Mad Dog or Snake Bite.** Tie cord tight above the wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

**Venomous Insects' Stings, etc.** Apply weak ammonia, oil, salt water or iodine.

**Fainting.** Place flat on back; allow fresh air and sprinkle with water.

**Electricity.** Release from current—not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible; if not, cover hands with dry woolen cloth and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

## ANTIDOTES FOR POISONS.

**First.** Send for a Physician.

**Second.** INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

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

### SPECIAL POISONS AND ANTIDOTES.

<b>Acids.</b> MURIATIC. OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	} Soap-suds, Magnesia, Lime-water.
<b>Prussic Acid.</b>	Ammonia in water. Dash water in face.
<b>Carbolic Acid.</b>	Flour and water, mucilaginous drinks.
<b>Alkalies.</b> POTASH. LYE. HARTSHORN. AMMONIA.	} Vinegar or Lemon juice in water.
<b>Arsenic.</b>	} Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water.
<b>Rat Poison.</b>	
<b>Paris Green.</b>	
<b>Bug Poison.</b>	} Whites of Eggs, or Milk in large doses.
<b>Lead.</b>	
<b>Saltpetre.</b>	
<b>Corrosive Sublimate.</b>	
<b>Sugar of Lead.</b>	
<b>Blue Vitriol.</b>	} Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
<b>Chloroform.</b>	
<b>Chloral.</b>	} Soap-suds and mucilaginous drinks.
<b>Ether.</b>	
<b>Carbonate of Soda.</b>	} Starch and water. Astringent infusions. Strong tea.
<b>Copperas. Cobalt.</b>	
<b>Iodine.</b>	
<b>Antimony.</b>	} Whites of Eggs. Milk. Mucilages.
<b>Tartar Emetic.</b>	
<b>Mercury AND ITS SALTS.</b>	} Salt and water.
<b>Nitrate of Silver.</b>	
<b>Lunar Caustic.</b>	} Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.
<b>Strychnine.</b>	
<b>Tinct. of Nux Vomica.</b>	

# PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.
2	JOHN ADAMS	Oct. 31, 1735	Mar. 4, 1797	"	July 4, 1826	Mass.
3	THOMAS JEFFERSON	April 2, 1743	"	"	"	Virginia.
4	JAMES MADISON	Mar. 16, 1751	"	"	June 28, 1836	"
5	JAMES MONROE	April 28, 1758	"	"	July 4, 1831	"
6	JOHN QUINCY ADAMS	July 11, 1767	"	"	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	"	"	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN	Dec. 5, 1782	"	"	July 24, 1862	New York.
9	WM. H. HARRISON	Feb. 9, 1773	"	"	April 4, 1841	Virginia.
10	JOHN TYLER	Mar. 29, 1790	April 6, 1841	1 month	Jan. 18, 1862	"
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	3 yrs. 11 mos.	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR	Sept. 24, 1784	"	4 years.	July 9, 1850	Virginia.
13	MILLARD FILLMORE	Feb. 7, 1800	July 9, 1850	1 year 4 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE	Nov. 23, 1804	Mar. 4, 1853	2 years 8 mos.	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN	April 23, 1791	"	4 years.	June 1, 1868	Penn.
16	ABRAHAM LINCOLN	Feb. 12, 1809	"	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON	Dec. 29, 1808	April 15, 1865	3 yrs. 10 1/2 mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT	April 27, 1822	Mar. 4, 1869	8 years.	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES	Oct. 4, 1822	"	"	Jan. 17, 1893	"
20	JAMES A. GARFIELD	Nov. 19, 1831	"	6 1/2 months.	Sept. 19, 1881	"
21	CHESTER A. ARTHUR	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5 1/2 mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND	Mar. 18, 1837	Mar. 4, 1885	4 years.	June 24, 1908	New Jersey.
23	BENJAMIN HARRISON	Aug. 20, 1833	"	"	Mar. 13, 1901	Ohio.
24	GROVER CLEVELAND	Mar. 18, 1837	"	"	June 24, 1908	New Jersey.
25	WILLIAM MCKINLEY	Jan. 29, 1843	"	"	Sept. 14, 1901	Ohio.
26	THEODORE ROOSEVELT	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5 2/3 mos.	.....	New York.
27	WM. HOWARD TAFT	Sept. 15, 1857	Mar. 4, 1909	.....	.....	Ohio.

# STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

## Correction for the following Cities.

Eastern Standard.		Central Standard.	
75° Longitude.		90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.	— 25	Cleveland, Ohio	— 33
Augusta, Me.	— 21	Columbus, Ohio	— 28
Portland, Me.	— 19	Detroit, Mich.	— 28
Boston, Mass.	— 16	Toledo, Ohio	— 26
Newport, R. I.	— 15	Dayton, Ohio	— 23
Providence, R. I.	— 14	Cincinnati, Ohio	— 22
Concord, N. H.	— 14	Louisville, Ky.	— 18
New London, Conn.	— 11	Indianapolis, Ind.	— 16
Springfield, Mass.	— 10	Chicago, Ill.	— 10
Montpelier, Vt.	— 10	Milwaukee, Wis.	— 8
Hartford, Conn.	— 9	Springfield, Ill.	— 2
Montreal, P. Q.	— 6	Memphis, Tenn.	0
Albany, N. Y.	— 5	New Orleans, La.	0
New York, N. Y.	— 4	St. Louis, Mo.	+ 1
Utica, N. Y.	+ 1	Rock Island, Ill.	+ 3
Philadelphia, Pa.	+ 1	Dubuque, Iowa	+ 3
Syracuse, N. Y.	+ 5	Burlington, Iowa	+ 5
Baltimore, Md.	+ 6	St. Paul, Minn.	+ 12
Washington, D. C.	+ 8	Des Moines, Iowa	+ 14
Rochester, N. Y.	+ 11	Kansas City, Mo.	+ 18
Buffalo, N. Y.	+ 16	Galveston, Texas	+ 19
Pittsburg, Pa.	+ 20	Omaha, Neb.	+ 24
Mountain Standard.		Pacific Standard.	
105° Longitude.		120° Longitude.	
Denver, Col.	0	Sacramento, Cal.	+ 6
Salt Lake City, Utah.	+ 28	San Francisco, Cal.	+ 10

# TIDE TABLE

**To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.**

EASTERN STANDARD.	H. M.	Mean Range. Feet.
Eastport, Me.....	add 2 37	18.2
Bar Harbor, Me.....	" 2 31	10.5
Rockland, Me.....	" 2 44	9.7
Portland, Me.....	" 2 52	8.9
Portsmouth, N. H.....	" 3 6	9.2
Isle of Shoals, N. H.....	" 3 1	8.7
Newburyport, Mass.....	" 3 6	7.9
Rockport, Mass.....	" 2 39	8.6
Gloucester, Mass.....	" 2 45	8.9
Salem, Mass.....	" 3 0	9.0
Marblehead, Mass.....	" 2 52	9.2
Nahant, Mass.....	" 2 53	9.3
Hull, Mass.....	" 2 53	9.5
Plymouth, Mass.....	" 3 2	9.6
Provincetown, Mass.....	" 3 10	9.2
Nantucket, Mass.....	" 4 9	3.1
Vineyard Haven, Mass.....	" 3 25	1.7
Wood's Hole (North Side), Mass.....	sub. 0 18	4.1
Wood's Hole (South Side), Mass.....	add 0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass.....	sub. 0 17	3.8
Newport, R. I.....	" 0 31	3.5
Bristol, R. I.....	" 0 13	4.1
Providence, R. I.....	" 0 2	4.4
Point Judith, R. I.....	" 0 42	3.1
New Shoreham, Block Island, R. I.....	" 0 41	3.0
Watch Hill, R. I.....	add 0 36	2.7

## TIDE TABLE—CONTINUED.

EASTERN STANDARD.	H. M.	Mean Range. Feet.
Stonington, Conn.....	add 0 57	2.7
New London, Conn.....	" 1 14	2.5
Norwich, Conn.....	" 1 55	3.1
New Haven, Conn.....	" 3 0	6.0
Bridgeport, Conn.....	" 3 2	7.2
Throg's Neck, N. Y.....	" 3 4	7.3
Montauk Point, L. I.....	" 0 7	2.0
Coney Island, L. I.....	sub. 0 29	4.7
West Point, N. Y.....	add 3 2	2.8
Long Branch, N. J.....	sub. 0 43	4.3
Ocean Grove, N. J.....	" 0 41	4.2
Cape May Landing, N. J.....	" 0 10	4.6
Newcastle, Del.....	add 3 40	6.4
League Island, Pa.....	" 5 26	5.4
Philadelphia, Pa.....	" 5 56	5.3
Annapolis, Md.....	sub. 3 12	0.9
Baltimore, Md.....	" 1 20	1.2
Old Point Comfort, Va.....	add 0 49	2.5
Richmond, Va.....	sub. 3 32	3.7
Hatteras Inlet, N. C.....	" 0 53	2.0
Beaufort, N. C.....	" 0 32	2.8
Charleston (C. H. Wharf), S. C.....	" 0 15	5.2
<b>CENTRAL STANDARD.</b>		
Fort Pulaski (Savannah Ent.), Ga.....	sub. 1 18	6.9
Savannah (Dry Dock Wharf), Ga.....	" 0 23	6.5
Jacksonville, Fla.....	add 0 19	1.0
St. Augustine, Fla.....	sub. 0 14	4.2
Key West, Fla.....	add 0 47	1.2
Tampa Bay (Egmont Key), Fla.....	" 3 3	1.4
Cedar Keys (Depot Key), Fla.....	" 4 39	2.4

## VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1911, expressed in any of such metallic currencies:

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.			
			D.	C.	M.	
Argentine Rep...	Gold	Peso	0	96	5	
Austria-Hungary	Gold	Crown	0	20	3	
Belgium	Gold	Franc	0	19	3	
Bolivia	Gold	Boliviano	0	38	9	
Brazil	Gold	Milreis	0	54	6	
British America	Gold	Dollar	1	0	0	
Costa Rica	Gold	Colon	0	46	5	
Chili	Gold	Peso	0	36	5	
China	Silver	Tael..	Shanghai..	0	60	4
			Haikwan..	0	67	3
			(Customs).			
Colombia	Gold	Dollar	1	0	0	
Denmark	Gold	Crown	0	26	8	
Ecuador	Gold	Sucre	0	48	7	
Egypt	Gold	Pound (100 piastres)	4	94	3	
Finland	Gold	Mark	0	19	3	
France	Gold	Franc	0	19	3	
German Empire	Gold	Mark	0	23	8	
Great Britain	Gold	Pound sterling	4	86	6½	
Greece	Gold	Drachma	0	19	3	
Hayti	Gold	Gourde	0	96	5	
India (British)	Gold	Rupee	0	32	4½	
Italy	Gold	Lira	0	19	3	
Japan	Gold	Yen	0	49	8	
Liberia	Gold	Dollar	1	0	0	

## VALUES OF FOREIGN COINS.

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar	1 1 4
Norway	Gold	Crown	0 26 8
Panama	Gold	Balboa	1 0 0
Persia	Gold	Kran	0 17 04
Peru	Gold	Libra	4 86 6½
Philippine Islds.	Gold	Peso	0 50 0
Portugal	Gold	Milreis	1 8 0
Russia	Gold	Ruble	0 51 5
Spain	Gold	Peseta	0 19 3
Sweden	Gold	Crown	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey	Gold	Piaster	0 4 4
Uruguay	Gold	Peso	1 3 4
Venezuela	Gold	Bolivar	0 19 3

## FESTIVALS AND FASTS.

Epiphany	Jan.	6
Septuagesima Sunday	Feb.	4
Quinquagesima — Shrove Sunday	Feb.	18
Ash Wednesday	Feb.	21
First Sunday in Lent	Feb.	25
St. Patrick	Mar.	17
Palm Sunday	Mar.	31
Good Friday	April	5
Easter Sunday	April	7
Low Sunday	April	14
Rogation Sunday	May	12
Ascension Day — Holy Thursday	May	16
Pentecost — Whit Sunday	May	26
Trinity Sunday	June	2
Corpus Christi	June	6
St. John Baptist	June	24
Michaelmas Day	Sept.	29
St. Andrew	Nov.	30
First Sunday in Advent	Dec.	1
Christmas Day	Dec.	25

## SIMPLE METHOD FOR CALCULATING INTEREST

Multiply the principal by as many hundredths as there are days, and

For 4 per cent.....	Divide by 90
" 5 " " .....	" " 72
" 6 " " .....	" " 60
" 7 " " .....	" " 52
" 8 " " .....	" " 45
" 9 " " .....	" " 40
" 10 " " .....	" " 36
" 12 " " .....	" " 30

**EXAMPLE**—INTEREST on \$50 for 30 days at 4%.  
 $50 \times .30 = 15.00$ , which divided by 90 =  $16\frac{2}{3}$  cents—the required result.

## THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox.....	Mar. 20, 6h. A.	Mar. 20, 5h. A.
Summer Solstice.....	June 21, 2h. A.	June 21, 1h. A.
Autumnal Equinox..	Sept. 23, 5h. M.	Sept. 23, 4h. M.
Winter Solstice.....	Dec. 21, 11h. A.	Dec. 21, 10h. A.

	Mountain Standard.	Pacific Standard.
Vernal Equinox.....	Mar. 20, 4h. A.	Mar. 20, 3h. A.
Summer Solstice.....	June 21, 0h. A.	June 21, 11h. M.
Autumnal Equinox..	Sept. 23, 3h. M.	Sept. 23, 2h. M.
Winter Solstice.....	Dec. 21, 9h. A.	Dec. 21, 8h. A.

## TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

## WEATHER BUREAU.

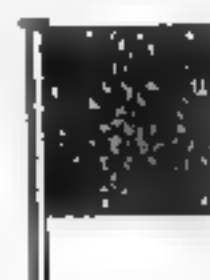
### Explanation of Flag Signals.

No. 1.  
White Flag.



Fair Weather.

No. 2.  
Blue Flag.



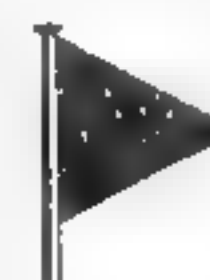
Rain or Snow.

No. 3.  
White and Blue Flag.



Local Rain or Snow.

No. 4.  
Black Triangular Flag.



Temperature.

No. 5.  
White Flag,  
Black Center.



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.

No. 1, with No. 5 above it, indicates fair weather, cold wave.

No. 2, with No. 5 above it, indicates wet weather, cold wave.

Forecasts made at 10.00 A. M., and displayed between 12.00 and 1.00 P. M., forecasts the weather for the following day until 8.00 P. M.



In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

### The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

### The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

### The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

### THE SIZE OF THE SEAS.

	Miles long.
Mediterranean .....	2,000
Caribbean.....	1,800
Red .....	1,400
Black .....	932
Baltic.....	600

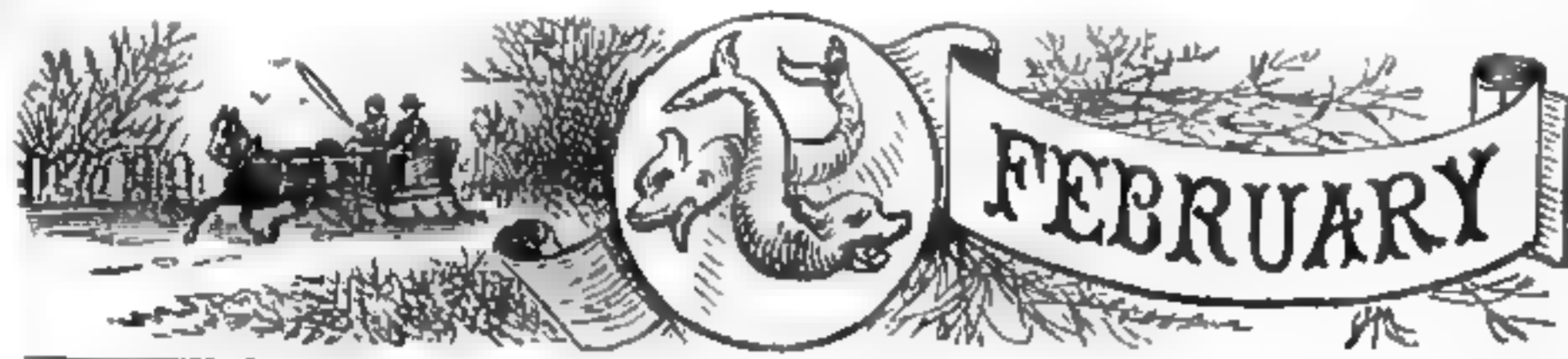
### AREA OF OCEANS IN SQUARE MILES.

Pacific .....	70,000,000
Atlantic.....	35,000,000
Indian .....	23,000,000
Southern.....	7,000,000
Arctic.....	4,000,000



MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon . . . . .	4d. 8h. 30m. a.m.	4d. 7h. 30m. a.m.
Last Quarter . . . . .	11d. 2h. 43m. a.m.	11d. 1h. 43m. a.m.
New Moon . . . . .	19d. 6h. 10m. a.m.	19d. 6h. 10m. a.m.
First Quarter . . . . .	27d. 3h. 51m. a.m.	27d. 2h. 51m. a.m.

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 30	4 12	8 0	r7 24	4 7	4 57	r7 19	4 2
2	Tu	s4 39	5 32	9 3	s4 43	5 26	6 1	s4 48	5 20
3	We	r7 30	6 50	10 7	r7 25	6 43	7 4	r7 19	6 36
4	Th	s4 40	rises	11 8	s4 45	rises	8 2	s4 50	rises
5	Fr	r7 30	5 58	.....	r7 25	6 4	9 3	r7 19	6 11
6	Sa	s4 42	7 21	0 32	s4 47	7 25	9 57	s4 52	7 31
7	S	r7 30	8 40	1 25	r7 25	8 43	10 45	r7 19	8 47
8	Mo	s4 44	9 55	2 15	s4 49	9 56	11 33	s4 54	9 59
9	Tu	r7 29	11 6	3 0	r7 25	11 6	.....	r7 19	11 7
10	We	s4 46	morn	3 46	s4 51	morn	0 45	s4 56	morn
11	Th	r7 29	0 15	4 34	r7 24	0 14	1 33	r7 19	0 13
12	Fr	s4 48	1 22	5 25	s4 53	1 20	2 23	s4 58	1 18
13	Sa	r7 28	2 29	6 19	r7 24	2 25	3 17	r7 18	2 21
14	S	s4 50	3 34	7 14	s4 55	3 29	4 11	s5 0	3 24
15	Mo	r7 28	4 38	8 10	r7 23	4 32	5 7	r7 18	4 26
16	Tu	s4 53	5 39	9 3	s4 57	5 32	6 1	s5 2	5 25
17	We	r7 27	6 34	9 54	r7 22	6 27	6 52	r7 17	6 19
18	Th	s4 55	7 21	10 41	s4 59	7 14	7 36	s5 4	7 7
19	Fr	r7 26	sets	11 25	r7 21	sets	8 20	r7 16	sets
20	Sa	s4 57	6 3	.....	s5 2	6 8	9 3	s5 6	6 14
21	S	r7 25	7 7	0 25	r7 20	7 11	9 43	r7 15	7 15
22	Mo	s5 0	8 12	1 4	s5 4	8 14	10 20	s5 8	8 18
23	Tu	r7 23	9 16	1 42	r7 19	9 17	10 55	r7 14	9 19
24	We	s5 2	10 21	2 19	s5 6	10 21	11 33	s5 11	10 21
25	Th	r7 22	11 28	2 57	r7 17	11 26	.....	r7 13	11 26
26	Fr	s5 5	morn	3 39	s5 9	morn	0 38	s5 13	morn
27	Sa	r7 21	0 37	4 26	r7 16	0 34	1 25	r7 12	0 32
28	S	s5 7	1 51	5 23	s5 11	1 47	2 21	s5 15	1 42
29	Mo	r7 19	3 8	6 29	r7 14	3 2	3 26	r7 10	2 56
30	Tu	s5 10	4 25	7 40	s5 14	4 18	4 36	s5 17	4 11
31	We	r7 17	5 36	8 51	r7 13	5 29	5 48	r7 9	5 21



**MOON'S PHASES.**  
(In Standard Time.)

	EASTERN DIVISION,	CENTRAL DIVISION.
Full Moon . . . . .	2d. 6h. 58m. p.m.	2d. 5h. 58m. p.m.
Last Quarter . . . . .	9d. 7h. 51m. p.m.	9d. 6h. 51m. p.m.
New Moon . . . . .	18d. 0h. 44m. a.m.	17d. 11h. 44m. p.m.
First Quarter . . . . .	25d. 2h. 27m. p.m.	25d. 1h. 27m. p.m.

**1912**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r7 16	6 37	9 58	r7 12	6 30	6 56	r7 8	6 23
2	Fr	s5 14	rises	10 59	s5 17	rises	7 53	s5 21	rises
3	Sa	r7 14	6 11	11 49	r7 10	6 15	8 47	r7 6	6 19
4	S	s5 16	7 30	0 13	s5 20	7 32	9 35	s5 23	7 35
5	Mo	r7 11	8 46	1 0	r7 8	8 47	10 19	r7 5	8 48
6	Tu	s5 19	9 58	1 44	s5 22	9 57	10 59	s5 26	9 57
7	We	r7 9	11 8	2 25	r7 6	11 6	11 43	r7 3	11 4
8	Th	s5 21	morn	3 8	s5 25	morn	0 5	s5 28	morn
9	Fr	r7 7	0 16	3 54	r7 4	0 12	0 53	r7 1	0 10
10	Sa	s5 24	1 23	4 46	s5 27	1 18	1 44	s5 30	1 14
11	S	r7 4	2 29	5 41	r7 1	2 23	2 39	r6 58	2 17
12	Mo	s5 27	3 32	6 40	s5 29	3 25	3 38	s5 32	3 18
13	Tu	r7 2	4 29	7 41	r6 59	4 22	4 38	r6 56	4 14
14	We	s5 29	5 18	8 38	s5 32	5 11	5 35	s5 35	5 3
15	Th	r6 58	6 1	9 30	r6 56	5 55	6 28	r6 54	5 48
16	Fr	s5 32	6 36	10 19	s5 34	6 30	7 16	s5 37	6 25
17	Sa	r6 56	sets	11 2	r6 53	sets	7 56	r6 51	sets
18	S	s5 34	6 4	11 38	s5 37	6 7	8 34	s5 39	6 10
19	Mo	r6 54	7 9	...	r6 51	7 10	9 13	r6 49	7 13
20	Tu	s5 37	8 14	0 33	s5 39	8 14	9 49	s5 42	8 15
21	We	r6 51	9 20	1 9	r6 48	9 19	10 24	r6 46	9 18
22	Th	s5 39	10 28	1 46	s5 42	10 25	11 0	s5 44	10 24
23	Fr	r6 48	11 40	2 26	r6 45	11 36	11 42	r6 43	11 32
24	Sa	s5 42	morn	3 8	s5 44	morn	0 6	s5 46	morn
25	S	r6 45	0 54	4 0	r6 43	0 49	0 59	r6 41	0 43
26	Mo	s5 44	2 9	3	s5 46	2 3	2 1	s5 48	1 56
27	Tu	r6 42	3 20	6 15	r6 40	3 13	3 13	r6 38	3 5
28	We	s5 47	4 23	7 33	s5 49	4 16	4 29	s5 50	4 8
29	Th	r6 38	5 16	8 44	r6 37	5 10	5 42	r6 35	5 3
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...



**MOON'S PHASES.**  
(In Standard Time.)

	EASTERN DIVISION.	CENTRAL DIVISION.
Full Moon . . . . .	3d. 5h. 42m. a.m.	3d. 4h. 42m. a.m.
Last Quarter . . . . .	10d. 2h. 55m. p.m.	10d. 1h. 55m. p.m.
New Moon . . . . .	18d. 5h. 9m. p.m.	18d. 4h. 9m. p.m.
First Quarter . . . . .	25d. 10h. 3m. p.m.	25d. 9h. 2m. p.m.

**1912**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r6 37	5 57	9 47	r6 35	5 52	6 45	r6 34	5 47
2	Sa	s5 51	6 28	10 42	s5 52	6 24	7 37	s5 53	6 22
3	S	r6 34	rises	11 27	r6 32	rises	8 21	r6 31	rises
4	Mo	s5 53	7 34	...	s5 54	7 34	9 7	s5 55	7 35
5	Tu	r6 30	8 45	0 29	r6 29	8 43	9 47	r6 28	8 43
6	We	s5 55	9 56	1 9	s5 56	9 53	10 26	s5 57	9 51
7	Th	r6 27	11 7	1 50	r6 26	11 3	11 5	r6 25	10 58
8	Fr	s5 58	morn	2 33	s5 59	morn	11 52	s5 59	morn
9	Sa	r6 24	0 16	3 18	r6 23	0 10	0 17	r6 22	0 5
10	S	s6 0	1 21	4 9	s6 1	1 15	1 8	s6 2	1 8
11	Mo	r6 20	2 21	5 7	r6 19	2 14	2 6	r6 19	2 6
12	Tu	s6 2	3 15	6 10	s6 3	3 8	3 8	s6 4	3 0
13	We	r6 17	4 0	7 12	r6 16	3 53	4 8	r6 16	3 46
14	Th	s6 5	4 36	8 10	s6 5	4 30	5 7	s6 6	4 24
15	Fr	r6 13	5 6	9 2	r6 13	5 1	6 0	r6 13	4 56
16	Sa	s6 7	5 31	9 48	s6 7	5 27	6 46	s6 8	5 25
17	S	r6 10	5 52	10 30	r6 10	5 50	7 26	r6 10	5 48
18	Mo	s6 9	sets	11 7	s6 9	sets	8 1	s6 10	sets
19	Tu	r6 6	7 10	11 41	r6 6	7 9	8 38	r6 6	7 9
20	We	s6 12	8 19	...	s6 12	8 17	9 16	s6 11	8 16
21	Th	r6 3	9 31	0 37	r6 3	9 27	9 55	r6 3	9 25
22	Fr	s6 14	10 45	1 18	s6 14	10 40	10 35	s6 13	10 35
23	Sa	r5 59	morn	2 2	r6 0	11 54	11 21	r6 0	11 47
24	S	s6 16	0 0	2 51	s6 16	morn	...	s6 15	rn
25	Mo	r5 56	1 12	3 49	r5 56	1 5	0 48	r5 57	0 57
26	Tu	s6 18	2 17	4 58	s6 18	2 10	1 56	s6 17	2 2
27	We	r5 52	3 12	6 13	r5 53	3 5	3 11	r5 54	2 58
28	Th	s6 20	3 55	7 27	s6 20	3 49	4 23	s6 19	3 44
29	Fr	r5 49	4 28	8 33	r5 50	4 24	5 30	r5 51	4 20
30	Sa	s6 23	4 56	9 28	s6 22	4 53	6 26	s6 21	4 51
31	S	r5 45	5 20	10 16	r5 46	5 19	7 13	r5 47	5 18



**MOON'S PHASES.**  
(In Standard Time.)

Full Moon . . . . .
Last Quarter . . . . .
New Moon . . . . .
First Quarter . . . . .

**EASTERN DIVISION,**

1d. 6h. 4m. p.m.
9d. 10h. 24m. a.m.
17d. 6h. 40m. a.m.
24d. 3h. 47m. a.m.

**CENTRAL DIVISION.**

1d. 4h. 4m. p.m.
9d. 9h. 24m. a.m.
17d. 5h. 40m. a.m.
24d. 2h. 47m. a.m.

**1912**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r5 44	rises	11 0	r5 45	rises	7 53	r5 46	rises
2	Tu	s6 26	7 35	11 38	s6 25	7 33	8 34	s6 24	7 31
3	We	r5 40	8 46	.....	r5 41	8 42	9 16	r5 43	8 40
4	Th	s6 28	9 56	0 37	s6 27	9 51	9 56	s6 26	9 47
5	Fr	r5 37	11 5	1 19	r5 38	10 59	10 36	r5 40	10 53
6	Sa	s6 31	morn	2 4	s6 29	morn	11 21	s6 28	11 55
7	S	r5 33	0 9	2 51	r5 35	0 2	.....	r5 37	morn
8	Mo	s6 33	1 6	3 42	s6 31	0 59	0 41	s6 30	0 51
9	Tu	r5 30	1 54	4 39	r5 32	1 47	1 38	r5 34	1 39
10	We	s6 35	2 34	5 39	s6 33	2 28	2 37	s6 32	2 21
11	Th	r5 27	3 7	6 37	r5 28	3 2	3 34	r5 30	2 56
12	Fr	s6 37	3 34	7 32	s6 36	3 30	4 28	s6 33	3 25
13	Sa	r5 23	3 56	8 23	r5 25	3 53	5 19	r5 27	3 51
14	S	s6 40	4 16	9 9	s6 38	4 14	6 7	s6 35	4 14
15	Mo	r5 20	4 36	9 51	r5 22	4 35	6 49	r5 24	4 36
16	Tu	s6 42	4 55	10 32	s6 40	4 56	7 28	s6 37	4 58
17	We	r5 17	sets	11 11	r5 19	sets	8 5	r5 22	sets
18	Th	s6 44	8 30	11 50	s6 42	8 25	8 47	s6 39	8 21
19	Fr	r5 14	9 48	0 11	r5 16	9 42	9 33	r5 19	9 36
20	Sa	s6 46	11 4	0 58	s6 44	10 57	10 20	s6 41	10 50
21	S	r5 11	morn	1 50	r5 13	morn	11 12	r5 16	11 57
22	Mo	s6 48	0 12	2 46	s6 46	0 5	.....	s6 43	morn
23	Tu	r5 8	1 10	3 47	r5 10	1 3	0 46	r5 13	0 56
24	We	s6 51	1 56	4 56	s6 48	1 50	1 54	s6 45	1 44
25	Th	r5 5	2 31	6 5	r5 8	2 26	3 3	r5 11	2 22
26	Fr	s6 53	2 59	7 10	s6 50	2 56	4 7	s6 47	2 53
27	Sa	r5 2	3 23	8 8	r5 5	3 21	5 5	r5 8	3 20
28	S	s6 55	3 45	8 59	s6 52	3 45	5 57	s6 49	3 45
29	Mo	r4 59	4 5	9 45	r5 2	4 6	6 43	r5 6	4 8
30	Tu	s6 57	4 27	10 29	s6 54	4 29	7 25	s6 51	4 33



**MOON'S PHASES.**  
(In Standard Time.)

Full Moon . . . . .
Last Quarter . . . . .
New Moon . . . . .
First Quarter . . . . .
Full Moon . . . . .

**EASTERN DIVISION,**

1d. 5h. 19m. a.m.
9d. 4h. 56m. a.m.
16d. 5h. 13m. p.m.
24d. 9h. 11m. a.m.
30d. 6h. 29m. p.m.

**CENTRAL DIVISION.**

1d. 4h. 19m. a.m.
9d. 3h. 56m. a.m.
16d. 4h. 13m. p.m.
23d. 8h. 11m. a.m.
30d. 5h. 29m. p.m.

**1912**

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r4 56	rises	11 10	r4 59	rises	8 3	r5 3	rises
2	Th	s6 59	8 48	11 49	s6 56	8 42	8 47	s6 52	8 36
3	Fr	r4 53	9 54	0 10	r4 57	9 47	9 30	r5 1	9 41
4	Sa	s7 2	10 54	0 54	s6 58	10 47	10 14	s6 54	10 39
5	S	r4 51	11 47	1 40	r4 54	11 40	10 58	r4 58	11 32
6	Mo	s7 4	morn	2 27	s7 0	morn	11 48	s6 56	morn
7	Tu	r4 48	0 31	3 16	r4 52	0 24	0 14	r4 56	0 17
8	We	s7 6	1 7	4 7	s7 3	1 1	1 6	s6 58	0 55
9	Th	r4 46	1 35	5 0	r4 50	1 30	1 58	r4 54	1 26
10	Fr	s7 8	1 59	5 54	s7 5	1 55	2 52	s7 0	1 53
11	Sa	r4 43	2 20	6 46	r4 47	2 18	3 43	r4 52	2 16
12	S	s7 10	2 39	7 36	s7 7	2 38	4 33	s7 2	2 38
13	Mo	r4 41	2 58	8 24	r4 45	2 58	5 21	r4 50	3 0
14	Tu	s7 13	3 18	9 10	s7 9	3 20	6 8	s7 4	3 22
15	We	r4 39	3 41	9 56	r4 43	3 44	6 54	r4 48	3 48
16	Th	s7 15	4 9	10 43	s7 10	4 13	7 38	s7 6	4 19
17	Fr	r4 37	sets	11 30	r4 42	sets	8 25	r4 46	sets
18	Sa	s7 17	9 59	.....	s7 12	9 52	9 19	s7 7	9 44
19	S	r4 35	11 3	0 49	r4 40	10 56	10 13	r4 44	10 48
20	Mo	s7 19	11 54	1 45	s7 14	11 48	11 9	s7 9	11 41
21	Tu	r4 33	morn	2 43	r4 38	morn	.....	r4 43	morn
22	We	s7 21	0 33	3 41	s7 16	0 28	0 40	s7 11	0 23
23	Th	r4 32	1 4	4 42	r4 36	1 0	1 41	r4 41	0 57
24	Fr	s7 23	1 29	5 43	s7 18	1 27	2 41	s7 13	1 25
25	Sa	r4 30	1 51	6 40	r4 35	1 50	3 37	r4 40	1 50
26	S	s7 24	2 11	7 34	s7 19	2 12	4 30	s7 14	2 13
27	Mo	r4 28	2 32	8 26	r4 34	2 34	5 22	r4 39	2 37
28	Tu	s7 26	2 54	9 12	s7 21	2 57	6 10	s7 16	3 2
29	We	r4 28	3 19	9 59	r4 33	3 24	6 57	r4 38	3 29
30	Th	s7 28	3 50	10 45	s7 23	3 56	7 40	s7 17	4 2
31	Fr	r4 26	rises	11 28	r4 32	rises	8 22	r4 37	rises



**MOON'S PHASES.**  
(In Standard Time.)

Last Quarter . . . . .
New Moon . . . . .
First Quarter . . . . .
Full Moon . . . . .

**EASTERN DIVISION.**

7d. 9h. 36m. p.m.
15d. 1h. 24m. a.m.
21d. 3h. 39m. p.m.
29d. 8h. 34m. a.m.

**CENTRAL DIVISION.**

7d. 8h. 36m. p.m.
15d. 0h. 24m. a.m.
21d. 2h. 39m. p.m.
29d. 7h. 34m. a.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r 4 26	9 40	.....	r 4 31	9 33	9 10	r 4 36	9 25
2	S	s 7 30	10 27	0 34	s 7 25	10 20	9 55	s 7 19	10 13
3	Mo	r 4 25	11 5	1 20	r 4 30	10 59	10 38	r 4 36	10 53
4	Tu	s 7 32	11 36	2 5	s 7 26	11 31	11 21	s 7 21	11 26
5	We	r 4 24	morn	2 48	r 4 29	11 57	.....	r 4 35	10 54
6	Th	s 7 33	0 1	3 31	s 7 28	morn	0 29	s 7 22	morn
7	Fr	r 4 23	0 23	4 17	r 4 29	0 20	1 16	r 4 34	0 19
8	Sa	s 7 34	0 43	5 5	s 7 29	0 41	2 3	s 7 23	0 41
9	S	r 4 23	1 1	5 54	r 4 28	1 1	2 52	r 4 34	1 2
10	Mo	s 7 35	1 20	6 45	s 7 30	1 21	3 42	s 7 24	1 23
11	Tu	r 4 22	1 41	7 37	r 4 28	1 43	4 34	r 4 34	1 47
12	We	s 7 36	2 6	8 31	s 7 31	2 10	5 28	s 7 25	2 15
13	Th	r 4 22	2 37	9 26	r 4 28	2 42	6 24	r 4 34	2 48
14	Fr	s 7 37	3 17	10 23	s 7 32	3 23	7 18	s 7 26	3 31
15	Sa	r 4 22	sets	11 19	r 4 28	sets	8 14	r 4 34	sets
16	S	s 7 38	9 44	.....	s 7 33	9 37	9 12	s 7 27	9 31
17	Mo	r 4 22	10 30	0 43	r 4 28	10 25	10 8	r 4 34	10 19
18	Tu	s 7 39	11 5	1 39	s 7 33	11 1	11 0	s 7 27	10 57
19	We	r 4 23	11 32	2 32	r 4 28	11 29	11 54	r 4 34	11 27
20	Th	s 7 40	11 55	3 23	s 7 34	11 54	0 21	s 7 28	11 53
21	Fr	r 4 23	morn	4 14	r 4 28	morn	1 13	r 4 34	morn
22	Sa	s 7 40	0 17	5 8	s 7 34	0 17	2 6	s 7 28	0 18
23	S	r 4 23	0 38	6 2	r 4 29	0 40	3 0	r 4 35	0 42
24	Mo	s 7 40	0 59	6 57	s 7 35	1 2	3 54	s 7 29	1 6
25	Tu	r 4 24	1 23	7 51	r 4 29	1 27	4 48	r 4 35	1 32
26	We	s 7 40	1 51	8 43	s 7 35	1 56	5 41	s 7 29	2 3
27	Th	r 4 25	2 26	9 35	r 4 30	2 32	6 33	r 4 36	2 40
28	Fr	s 7 40	3 8	10 25	s 7 35	3 15	7 22	s 7 29	3 23
29	Sa	r 4 25	rises	11 11	r 4 31	rises	8 4	r 4 37	rises
30	S	s 7 40	9 5	11 53	s 7 35	8 59	8 51	s 7 29	8 52
..	..	.....	.....	.....	.....	.....	.....	.....	.....



**MOON'S PHASES.**  
(In Standard Time.)

Last Quarter . . . . .
New Moon . . . . .
First Quarter . . . . .
Full Moon . . . . .

**EASTERN DIVISION.**

7d. 11h. 47m. a.m.
14d. 8h. 13m. a.m.
21d. 0h. 18m. a.m.
28d. 11h. 28m. p.m.

**CENTRAL DIVISION.**

7d. 10h. 47m. a.m.
14d. 7h. 13m. a.m.
20d. 11h. 18m. p.m.
28d. 10h. 28m. p.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r 4 26	9 37	0 15	r 4 32	9 32	9 34	r 4 38	9 26
2	Tu	s 7 40	10 4	0 57	s 7 35	10 0	10 15	s 7 29	9 55
3	We	r 4 27	10 27	1 38	r 4 33	10 24	10 51	r 4 39	10 22
4	Th	s 7 40	10 47	2 17	s 7 34	10 45	11 31	s 7 29	10 45
5	Fr	r 4 28	11 5	2 55	r 4 34	11 4	.....	r 4 40	11 5
6	Sa	s 7 39	11 24	3 34	s 7 34	11 25	0 32	s 7 28	11 26
7	S	r 4 29	11 44	4 17	r 4 35	11 46	1 16	r 4 41	11 48
8	Mo	s 7 39	morn	5 5	s 7 33	morn	2 4	s 7 28	morn
9	Tu	r 4 31	0 5	5 59	r 4 37	0 8	2 56	r 4 42	0 12
10	We	s 7 38	0 32	6 58	s 7 32	0 37	3 55	s 7 27	0 42
11	Th	r 4 33	1 7	8 1	r 4 38	1 13	4 59	r 4 43	1 20
12	Fr	s 7 37	1 53	9 8	s 7 32	2 0	6 5	s 7 26	2 8
13	Sa	r 4 34	2 52	10 12	r 4 39	2 59	7 9	r 4 45	3 8
14	S	s 7 36	sets	11 12	s 7 31	sets	8 7	s 7 25	sets
15	Mo	r 4 36	9 1	.....	r 4 41	8 56	9 3	r 4 46	8 51
16	Tu	s 7 34	9 31	0 32	s 7 30	9 28	9 56	s 7 24	9 25
17	We	r 4 37	9 57	1 23	r 4 42	9 55	10 42	r 4 47	9 54
18	Th	s 7 33	10 20	2 10	s 7 28	10 20	11 28	s 7 23	10 20
19	Fr	r 4 39	10 41	2 55	r 4 44	10 42	.....	r 4 49	10 44
20	Sa	s 7 32	11 2	3 40	s 7 27	11 5	0 39	s 7 22	11 8
21	S	r 4 41	11 26	4 30	r 4 45	11 30	1 29	r 4 51	11 35
22	Mo	s 7 30	11 54	5 23	s 7 25	11 59	2 21	s 7 20	morn
23	Tu	r 4 43	morn	6 21	r 4 47	morn	3 19	r 4 52	0 5
24	We	s 7 28	0 26	7 21	s 7 24	0 32	4 18	s 7 19	0 39
25	Th	r 4 44	1 5	8 20	r 4 49	1 12	5 16	r 4 54	1 20
26	Fr	s 7 27	1 52	9 14	s 7 22	1 59	6 12	s 7 17	2 8
27	Sa	r 4 46	2 47	10 6	r 4 51	2 54	7 4	r 4 56	3 3
28	S	s 7 25	rises	10 52	s 7 20	rises	7 47	s 7 16	rises
29	Mo	r 4 48	8 7	11 33	r 4 53	8 2	8 28	r 4 57	7 58
30	Tu	s 7 22	8 31	.....	s 7 18	8 28	9 9	s 7 14	8 25
31	We	r 4 50	8 52	0 30	r 4 55	8 50	9 47	r 4 59	8 48





# DECEMBER



MOON'S PHASES.  
(In Standard Time.)

Last Quarter . . . .  
New Moon . . . . .  
First Quarter . . . .  
Full Moon . . . . .  
Last Quarter . . . .

EASTERN DIVISION,

1d. 6h. 5m. a.m.  
8d. 0h. 7m. p.m.  
16d. 3h. 6m. p.m.  
23d. 11h. 30m. p.m.  
30d. 3h. 12m. p.m.

CENTRAL DIVISION.

1d. 6h. 5m. a.m.  
8d. 11h. 7m. a.m.  
16d. 2h. 6m. p.m.  
23d. 10h. 30m. p.m.  
30d. 2h. 12m. p.m.

1912

D. of M.	Day of Week.	Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis.	
		Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r7 9	morn	4 36	r7 4	morn	1 35	r6 59	morn
2	Mo	s4 29	0 20	5 34	s4 34	0 21	2 32	s4 39	0 24
3	Tu	r7 11	1 33	6 31	r7 6	1 33	3 29	r7 1	1 34
4	We	s4 28	2 44	7 26	s4 33	2 42	4 23	s4 38	2 42
5	Th	r7 13	3 56	8 19	r7 8	3 53	5 17	r7 3	3 51
6	Fr	s4 28	5 8	9 11	s4 33	5 4	6 9	s4 38	4 59
7	Sa	r7 15	6 21	10 2	r7 10	6 15	6 59	r7 5	6 9
8	S	s4 28	sets	10 51	s4 33	sets	7 45	s4 38	sets
9	Mo	r7 17	4 55	11 36	r7 12	5 2	8 32	r7 7	5 11
10	Tu	s4 28	5 53	.....	s4 33	6 0	9 21	s4 38	6 8
11	We	r7 19	6 56	0 46	r7 14	7 2	10 5	r7 8	7 9
12	Th	s4 28	8 0	1 30	s4 33	8 5	10 47	s4 39	8 11
13	Fr	r7 20	9 4	2 14	r7 15	9 8	11 30	r7 10	9 13
14	Sa	s4 28	10 8	2 55	s4 33	10 11	.....	s4 39	10 15
15	S	r7 22	11 10	3 37	r7 17	11 12	0 36	r7 11	11 14
16	Mo	s4 29	morn	4 20	s4 34	morn	1 19	s4 40	morn
17	Tu	r7 23	0 12	5 5	r7 18	0 12	2 3	r7 13	0 13
18	We	s4 29	1 14	5 53	s4 35	1 13	2 51	s4 40	1 13
19	Th	r7 25	2 20	6 44	r7 20	2 18	3 41	r7 14	2 16
20	Fr	s4 30	3 30	7 37	s4 35	3 26	4 34	s4 41	3 24
21	Sa	r7 26	4 43	8 33	r7 21	4 38	5 30	r7 15	4 33
22	S	s4 31	5 58	9 30	s4 36	5 52	6 28	s4 42	5 45
23	Mo	r7 27	7 12	10 28	r7 21	7 5	7 24	r7 16	6 57
24	Tu	s4 32	rises	11 24	s4 38	rises	8 18	s4 43	rises
25	We	r7 28	6 8	.....	r7 22	6 14	9 17	r7 17	6 21
26	Th	s4 33	7 30	0 46	s4 39	7 35	10 10	s4 44	7 41
27	Fr	r7 28	8 51	1 39	r7 23	8 54	10 58	r7 18	8 58
28	Sa	s4 35	10 9	2 29	s4 40	10 11	11 50	s4 45	10 13
29	S	r7 29	11 23	3 17	r7 24	11 23	0 16	r7 18	11 24
30	Mo	s4 36	morn	4 7	s4 42	morn	1 6	s4 46	morn
31	Tu	r7 29	0 35	5 0	r7 24	0 34	1 58	r7 19	0 34

Cambridge

Ther

MON. JAN. 1, 1912

Wea  
Fine.

Clear & mild with light westerly wind. Ground covered with snow to depth of 3 or 4 inches. Sidewalks very slippery with glaze ice in early morning but most of this gone by noon.

In the Garden saw a Flicker, a Downy, a Chickadee, and a Crow. Heard Jays screaming.

Spent most of day in Museum working with Gilbert & Billcliffe. We put up guns, fixtures, shot bags, powder flasks etc. that have been in storage for years. Lissy Simmons came out from Boston at 11.15 a.m. & was at lunch & dinner. She looks & seems almost as well as before her illness. Dick Dana called in P.M. staying at home. Will all Club meeting this evening. Bent on Alaskan trip with Lambert & Borge at once.

Cambridge - Bethel

Ther TUES. JAN. 2, 1912 Wea  
Time

Brilliantly clear with fresh westerly wind & sharp, frosty air.

Breakfasted at 7.15, walked to Portus & took 9 a.m. train Eastern Div. for Portland. No increase of snow, marshes extremely beautiful, scattered Crows & one flock of Horned Larks on wing the only birds seen. Trees beyond Portsmouth loaded with Brown Tail Nests. Dined at Union Station, met Dr. & Mrs. Gehring & several of their patients on Grand Trunk train at junction & journeyed thence with them to Bethel, most of way in smoking car with the good doctor. Not more than 3 inches of snow at South Paris but at Bygones Pond & beyond about 6 inches with thinning ice crust. Excellent sleighing at Bethel.

Spent evening in lounge. We talked & looked at photographic records.

Bethel,

Ther WED. JAN. 3, 1912 Wea  
-34/18° at 9 a.m. & 30° at noon Time.

Brilliantly clear with scarce a breath of wind. Air deliciously dry & devoid of chill yet sharp & frosty. A perfect winter day. About 6 in. of ice-crustled snow in open fields and 8 or 10 inches, less icy, in woods.

Just after breakfast saw a Downy & several Chickadees at sunset and a large flock of Redpolls in branches near house. at 10 a.m. Dr. G. & I set forth without snow shoes.

Taking an excellent broken trail that led through dense coniferous woods. After we came upon a Parus hudsonicus which was at first singing a little, making a low, broken, rasping cry like the common stuttering warbling of the Chickadee & not very musical. Indeed it did not seem to me to really deserve being called singing. With this bird were 2 Canada Nuthatches engaged in cocking fir seeds. I saw an ice heart Chickadee and White-winged Crossbill, the latter on wing. The calls of passing Redpolls heard very little while on way but ran into flock of 8 Chickadees with at least two P. hudsonicus heard among them. I saw a dozen or more fresh Parus tracks and many many of white Rabbits. Dr. G. has seen Pine Grosbeaks of Cal. but no Crows or Jays. He heard Barn Swallow having last night. He & I walked down town at 4 P.M. - I bought 3 lbs. mackerel at Lake House. He got out



## Bethel

Ther THURS. JAN. 4, 1912 Wea  
Maine woods in winter. Fine

Perfect day, Clear, windless, cold yet dry.

8 a. m. 3 Downy & 3 Chickadees at sun

9 - " (2) Pileated Woodpeckers in elms over

avenue & strut flying from town of one then  
country to westward as I approached.

9.30 - 12. Spent on Snow Sheds following in  
Glen Woods trails with Dr. Gehring. Ther. 76°  
where we started. Air deliciously pure & free  
from chill. I wore no overcoat or gloves or  
ear covering yet was perfectly comfortable.  
Evergreen woods amazingly beautiful in the clear  
sunlight and simply alive with birds while  
the ground toward ground was everywhere a perfect  
mass of freshly made trails. Never before have  
I seen anything like so many tracks of  
Rabbits & Red Squirrels. Those of mice very numerous  
One Fox trail winding about everywhere.

We encountered no less than this flock of Chickadees  
most of them containing 2 or 3 Canada Nuthatches, one  
Hairy Woodpecker, a Golden-crested Kinglet and another  
a single Blue Jay. Redpolls heard many times  
& one flock of 12. Snow. They are feeding in the  
gray birches & cedar birches, the latter heavily frosted.

Nuthatches feeding on fir cones, now especially numerous.  
Herald Pine Grosbeaks over. Dr. G. saw a flock  
of them recently and a Northern Shrike about a  
week ago. Mrs. Marine, one of his patients,  
claims to have seen 2 Crows & heard them caw  
on January 1 very near the house but the  
doctor doubts this.

At 4 P. m. Dr. G. & I started for another walk  
taking the road up Paradise Hill & following in  
as far as the great Esplanade. It was rather cold.  
We saw no birds. Twilight fell on our backs  
Sat in lounge all the evening.

## Bethel - Cambridge

Ther FRI. JAN. 5, 1912 Wea  
18° at Cambridge Stormy  
4 P. m.

Cloudy with fine snow falling most of  
forenoon. Very cold & raw with N.E. wind.  
Left Bethel by 9 a. m. train. Firs, Spruces &  
Pines beautifully powdered with fine dry  
snow and the air thick with falling flakes  
all the way to Portland which I reached  
at 11.50. Thus far I saw only one Crow  
bird, a Crow in Talisman. Took 12 o'clock  
train, Eastern Div., for Boston. Salt marshes  
unquestionably submerged by unusually high  
tides and Gulls flying over them. Snow  
& ice everywhere. Gelbrat met me at

North Station. It seemed bitterly cold in  
Boston & Cambridge, far more so than  
at Bethel, yet the thermometer stood at 18°  
when I reached our house. Went through  
my mail before dinner, at which I  
had E. R. S. & Miss Hinder, C. being in  
her room. Good sleighing in Cambridge.

# Cambridge

Ther 5° (at 8 a.m.) SAT. JAN. 6, 1912 Wea Fine

Clear & cold with high N. W. winds  
 In the Garden saw a Chickadee  
 a crow & a pair (♂♀) of Thrillers  
 and heard <sup>(a Downy Calliope)</sup> a Jay screaming. The  
 Crow was in a pear tree within a  
 yard of a shank bone of beef which  
 Gilbert put up there on Thursday but  
 I did not see him touch it. Gilbert  
 saw 3 Crows close to it yesterday.

I spent day in Museum  
 writing letters. Francis G. Shaw  
 of Concord called at 2 P.M. He wishes  
 to get in touch with New York game  
 protectors, especially Brewster. I  
 promised him a letter of introduction  
 to Chapman. He stayed half an hour  
 E. R. S., C. Miss Hudson & I spent  
 evening at Kegganoyga where C. read  
 to us. I have a heavy cold developing

# Cambridge

Ther 6° at 8 a.m. SUN. JAN. 7, 1912 Wea Fair.

Partly sunny, largely cloudy. Very cold.  
 A Jay screaming in the Garden was  
 the only bird noted there except a  
 few House Sparrows.

Spent most of day in Museum  
 writing a few letters and several  
 pages for my journal giving some  
 account of my recent experiences  
 at Bethel. My cold was very  
 troublesome. Because of its obviously  
 infectious character I took breakfast  
 and dinner apart from the other  
 members of the family. At the latter  
 meal they had as guests Miss Allen,  
 Miss Joany & Miss Willard. Willard  
 & Miss Stone called in late P.M.  
 We sat in the Kegganoyga this  
 evening and C. read to us from  
 Dr. Gemfield's book & from Peirce's

Cambridge.

Ther 6°, 20° MON. JAN. 8, 1912 Wea Dull.

Cloudy with rising temperature. Snow began falling about 6.15 P.M. It is now (at 9 P.M.) "malking" fast with every prospect of a heavy fall.

In the Garden heard a Jay screeching & saw a few House Sparrows. There seems a dearth of bird life there now.

Spent day in Museum beginning work on a Squirrel article desired by Mr. Hager for Harvard Grad. Mag. I had promised it for their January number but failed to get it at the time.

C. worked most of forenoon typing some notes by Frank Bolles which I have had in M.S. for several years.

One relates to Orole the other to Whiffenrills

Mr. Cary called at 5:30 to ask me to give a lantern slide talk at Harvard Union for Harvard Nat. Hist. Soc. This I dashingly to do. C. read to us in Haggan's this evening.

Cambridge

Ther TUES. JAN. 9, 1912 Wea Fair

The snow turned to rain in the night and this morning every thing was sheeted with ice. The forenoon was dull but the clouds parted & a cold N.W. wind started in P.M.

In the Garden I saw a Jay & heard a Flicker. Besides that there were only a few Sparrows.

My day was spent in Museum working on the Squirrel article at which I made but slight progress.

Read. Mr. Walker took up more than an hour of my afternoon but I was glad to see him. He talked with me and with Percy about the latter's case in court in regard to an account by Jocky on his son. C. read to us after dinner until Walter Deane came to call on Loring. He stayed about half an hour.

Cambridge

Ther 10°, 18° WED. JAN. 10, 1912 Wea Fine

Clear & cold with fresh N.W. wind  
In the Garden saw a Chickadee, a  
Jay, a Flicker & a few House Sparrows.

Spent day in Museum  
working on the Squirrel article  
and getting ahead fairly well  
with it. No one came to  
interrupt me. C., Miss Henshaw &  
I lunched together, E. R. S. having  
gone to the Hayens; her first  
outing of this kind since she  
came here early last week.  
Dorothy Fuller dined with us  
this evening. C. read to me after  
luncheon but retired to her  
room before coming because of  
a headache. The sidewalks are  
said to be dangerously slippery  
anywhere where not packed.

Cambridge.

Ther 8° THURS. JAN. 11, 1912 Wea Fair

Forenoon sunny; clouds gathering  
in afternoon. Cold with light W. wind.

In the Garden. I heard a Jay  
screaming and saw 2 Flickers, both  
females, hopping about on the snow  
under the Parkman's Apple tree  
eating the fallen fruit with which  
the snow was littered. On January 1  
I saw a Flicker pecking off the bark  
of our pebble pear tree which was so  
injured by birds of this species last year  
Gilbert protected the tree with board on  
the 2<sup>nd</sup> & it has not been attacked since.

Spent day in Museum working on  
Squirrel article & making fair progress.  
Sam Henshaw called at 9.30 stopping  
an hour. He asked my consent to the  
appointment of Outram Bangs as Associate  
Director of Herbaria at the Museum which of  
course I was only too happy to endorse.  
A Mr. Preston called in P. M. Sarah Anne  
& her little Sophy were at lunch with us.

## Cambridge.

Ther  
8°, 10°

FRI. JAN. 12, 1912

Wea  
Stormy

Still another cold day - indeed bitterly cold - with snow falling ceaselessly yet so sparingly that it no more than 3 or 4 inches between day break & dark.

In the Garden a Chickadee, a Jay, a Flicker and 5 or 6 Sparrows were noted.

I spent the entire day in Museum working on the Squared article and doing not so badly with it. No callers except the Carpenter Billcliff. C. had to go in town for the forenoon & appeared at luncheon late & chattered. She did not come down to dinner after which E. R. S. read from Collins "Hunt in East" to Miss Henderson.

## Cambridge

Ther  
-5°, +10°

SAT. JAN. 13, 1912

Wea  
Blue

Coldest day of winter thus far & of any January since 1907 the coldest day. Brilliantly clear with light north wind. In the Garden heard a Downy & saw several House Sparrows, a Flicker and 5 Purple Finches, one a handsome red ♂, the other four in the plumage of the ♀. At first I saw only the ♂ and one gray bird the other then appearing about an hour later (12 hr.). They were all, with the Flicker, on our Peabody's apple tree feeding on its tiny fruit, which the Gray Squirrels, also, have begun to attack of late.

Spent entire day in Museum working on Squared article, and almost finishing my first draft of it. Miss Emily Howard lunched with us. C. read about at noon. Tenbach telephoned at 3 P. M. to consult me about some pending game bills.

## Cambridge

Ther - 4° SUN. JAN. 14, 1912 Wea Fine

Sunny but hazy. Morning very cold (0° at 9 a.m.) & still, moderating a little as the day wore on.

In the Garden a flock of Purple Finches spent the entire day in Parkman's apple. I counted 4 red males & 11 gray birds. Several House Sparrows with them. a Chickadee & 2 Downy Woodpeckers, ♂ & ♀, in neighboring pear tree at beef bone. which was visited by a Crow, also. Saw a Blue Jay near there & a Flicker eating hickories.

Spent forenoon in Museum writing letters & adding a paragraph to Squire as Miss Allyn, Will & Alice Stone, their daughter Bessy Huntington & her husband dined with us at 1.30. I had the Stones & Huntingtons in Museum most of afternoon & showed them many birds nests & eggs. C., E. R. S., Miss Hendee & I read in Hingganmeyer after supper.

## Cambridge

Ther 30° MON. JAN. 15, 1912 Wea Stormy

Raining and sleeting. Trees & bushes encased in clear ice but not loaded down heavily. Mild but chilly.

In the Garden saw 10 or 12 Purple Finches several House Sparrows & 1 Chickadee. The Purple Finches were in the little apple tree all day. They were greatly bothered by the ice which encased the front & prevented them from getting at its food. I saw at least two red males among them.

Spent entire day in Museum working on Squire's article and finishing the first draft of it at 6 P.M. G. work at it all forenoon copying near the half of it. He had Miss Balch at luncheon. Met at Club this evening. Judge Jerny talked interestingly about a trip to Magdalena Islands in 1906.

## Cambridge

Ther  
10°

TUES. JAN. 16, 1912

Wea  
Fair

Cloudy with dim sunshine in late P.M.  
Cold again. Excellent sleighing with  
4 or 5 inches of icy snow.

In the Garden a Chickadee, a  
Jay, a Downy & 8 or 10 Purple Finches  
were seen on head. The Purple Finches  
mostly on snow under Postman's  
apple, one or two seeking berries of  
coarse sand on icy plank walk.

Spent day in Museum  
revising Squirrel article, rewording &  
condensing a number of loose  
paragraphs. Miss Henderson left us for  
good just after breakfast. We had  
Miss Cary Parsons at luncheon.  
Will Simmons & his pretty wife at  
afternoon tea with Miss Allen & her  
niece. C. did not appear after that  
E. R. S. & I dined together. She  
read "West in East" after dinner.

## Cambridge

Ther  
10°

WED. JAN. 17, 1912

Wea  
Fine

Clear & continued cold with  
little or no wind. Trees & shrubs  
still encased in ice.

In the Garden I saw a ♂ Flicker  
and 6 or 8 Purple Finches eating  
Postman's apples. Crows were heard  
cawing not far off.

Spent evening day in Museum  
working on Squirrel article. I  
had thought it finished & so it  
would have been had not Thayer  
informed me by telephone this  
morning that he can print only  
2000 words while I had written  
twice that number. Hence the added  
task of condensing & rewording.  
It will take several days I fear.  
Hinslow Clark of Milton called this  
afternoon but I could not interrupt  
my work in his honor. We sat my  
fingerprints this eve & E. read aloud.

## Cambridge

Ther THURS. JAN. 18, 1912 Wea  
Dull

Cloudy, calm, mild. Snow wasting fast, ice all off bushes, arbutus slipping from roofs. A real "January" thing.  
In the Garden saw 8 Purple Finches in Parkinson's apple tree (3 of them red necks), a ♀ Downy in a pear tree. Heard Crows Cawing in the lindens about sunrise & later a Blue Jay screaming in the jungle.

The recasting of the Squirrel article proves even more difficult than I had anticipated. I worked at it steadily all day but made no progress.

Indeed I only made a bad matter worse so far as I can judge now.

No one came to interrupt me.

C. went in a taxicab to a reception at Milton at Mrs. Forbes's in P.M.

So very & I dined together. She read Callers back to me for an hour, later.

## Cambridge.

Ther 50° FRI. JAN. 19, 1912 Wea  
Dull

Cloudy & very warm with a little rain. Streets deep in slush.

In the Garden. Crows Cawing, Jays screaming, a Golden-Creeper (the first noted this month) zawing, about 8 Purple Finches lingering near Parkinson's apple tree which they seem to have stripped of fruit - in six days. I think they have been eating only the seeds for the tree is still red with what looks like strands of the pulp & so the snow under the tree & this seen from my windows.

Spent day in Museum working on Squirrel article. I have cut it down in places & added to it in others. C. was in town all day. So very & I lunched & dined together. Grandly pleased with me at luncheon. Very good dinner. Going to the Zoo on. Nightly good.



# Cambridge

Ther SAT. JAN. 20, 1912 Wea  
Fine.

Brilliantly clear & cooler with  
brisk westerly wind.

In the Garden saw a  
Blue Jay & a ♀ Downy &  
heard Crows cawing. If  
there were any Purple Finches  
I failed to notice them.  
Saw Gray Squirrels were  
gleaning after them in the  
Parkman's apple tree.

Worked in Museum all  
day on Squirrel article, C  
copying it all forenoon. I  
put the very last touches to  
it, I am sure, at six  
o'clock this evening. I began  
it on Jan. 8<sup>th</sup>! What a waste  
of time! No calls to-day.  
Two loads of snow from  
Concord. E. R. I read John this morn.

# Cambridge

Ther SUN. JAN. 21, 1912 Wea  
20° Fine

Clear & cool with light northerly  
wind having no chill to it.

In the Garden saw only 2  
Crows perched in an elm and a  
few House Sparrows. Heard the  
screaming of jays & the ju ju ju  
of a Golden-creeper; also the call  
of at least one Purple Finch.

Wrote a few letters after  
breakfast and then walked  
down to St. John's where I met  
C. & had a fine sermon by  
Dr. Hodge. Walked back with E. R. &  
more letter writing. Dinner at 1.30  
We had with us Geo. V. Lovvorn,  
Mr. & Mrs. J. B. Russell, Lucy Dexter  
& Miss Allgee. I showed Museum to  
the Russells. Geo. V. came over later  
& we had a good talk. C. & E. R. I  
went to see in hour after supper.

## Cambridge

Ther

MON. JAN. 22, 1912

Wea

Fair

Partly sunny, largely cloudy. Cool

In the Garden saw a Chickadee  
 a Blue Jay and several Sparrows.  
 Heard Crows calling in early morn.  
 Several of our neighbors who put  
 out feed tell me that the birds  
 are not coming to it this winter.  
 They are certainly indifferent to it  
 in our grounds although the Chickadees  
 eat a little occasionally. There has  
 the big beef bone proved much more  
 attractive. Crows & Jays seem nearly to  
 inspect without touching it.  
 C. & I worked hard on the Squid  
 article all forenoon. At 12 we were  
 all neatly copied in type waiting  
 mailing 10 ft. of about 3200 copies.  
 Gulliver took us to Mr. Hooper at 4:30  
 pm. J. called me by telephone at 8:30  
 to say that he thought it a very  
 interesting article & should print the  
 whole of it. This places me out a little  
 at 5 P.M. I can - in to C's reading cl.

## Cambridge

Ther

TUES. JAN. 23, 1912

Wea

Dull.

Cloudy, calm, mild with  
 a little fine rain.

In the Garden heard Crows  
 calling at daybreak and later  
 Jays screaming, a Flicker calling  
 & Chickadees (apparently two or  
 three of them) scolding. Saw a  
 solitary Purple Finch - a gray one  
 in the top of a larch. There  
 were half a dozen House Sparrows.

Spent entire day in large  
 room of Museum working on the  
 Purdie collection. Went through  
 the remaining birds, selecting such as  
 I care to keep. Dealt simultaneously with  
 the nests & eggs. They like the birds  
 have been infested with Anthracis  
 and rather badly injured. Of course  
 we have bisulphurated everything.  
 No callers or guests to-day.  
 C. at luncheon only. E. R. S. read  
 Collier's book to me this morning.

## Cambridge

Ther 20°; 28° WED. JAN. 24, 1912 Wea Fine

Clear & cool with light W. wind

In the Garden I saw only a crow a jay & a few House Sparrows. Three or four of the last named birds are roosting regularly in the vine under the hood over the museum door, a very sheltered place. I started a Screech Owl from it one night last autumn. Probably he was looking for Sparrows there. No Screech Owls have been seen or heard hereabouts since winter closed in.

Spent day in Museum working on Purdie's collection. Got the selected skins, nests & eggs arranged & into cans, the others packed to send.

Went to dinner meeting at Barlow's this evening. I stayed at home. E. R. S. read "West in East" to me after dinner.

## Cambridge.

Ther 6°; 18° THURS. JAN. 25, 1912 Wea Fine

Clear & cold with light N.W. wind.

In the Garden heard jays and but noted nothing else save a few House Sparrows. A post card that came to night from Walter Deane informs me that Sam Henshaw saw three Evening Grosbeaks on Highland St. about 7 a.m. Jan. 22! I have just written to ask H. about it.

Spent day in Museum working on a collection to send to Fond du Lac for a school there. It was begun a year or more ago at E's suggestion & will represent all but 14 species of the small land birds of Wisconsin.

C. watched again this time with car which began on Tuesday. She kept to her room all day. Miss Chapman & Mrs. Snowy looked with us.

Cambridge

Ther - 2; + 20 FRI. JAN. 26, 1912 Wea Fair

Cold with light northerly wind.  
Forenoon sunny; afternoon cloudy.

In the Garden I heard a  
Downy and saw a lone Chickadee  
and a few House Sparrows.

Spent day in Museum.  
Worked on Purdie collection &  
other birds; also on preparing for  
making copies of Purdie Memorial  
100 copies of which came Tuesday m.

C. much better to day but still  
in her room. E. R. S. & I lunched at  
the Deans with Walter & Margie (1.30)  
Got galley proof of Squirrel article this  
eve but shall not touch it before to-morrow.  
Thayer has not changed a word of  
what I wrote.

Cambridge

Ther 4° SAT. JAN. 27, 1912 Wea Dull.

Cloudy, the sun showing dimly  
at times, fine snow falling through  
forenoon but making scars more  
than an inch in all. Bitterly chilly.

In the Garden I saw nothing  
whatever save a Crow in the pear  
tree near the beef house and a  
few House Sparrows. Gray Squirrels  
seen as numerous as usual & I  
have seen them out during the  
coldest days. There must be 4 or 5  
living in our grounds.

Spent day in Museum. Read  
proof of Squirrel paper in A. M.  
In P. M. got off a part of Purdie  
Memorial C. & E. R. S. helping  
E. R. S. read Kipling to me in house  
after dinner.

Cambridge.

Ther - 3° + 20°      SUN. JAN. 28, 1912      Wea Fine

Clear & Cold with light N. wind.  
Slippery sidewalks. Perfect sleighing.

The Garden failed to show me  
a bird of any kind save the  
House Sparrows, present in numbers.

Met C. at St. John's at 10.40.  
Dr. Hodges absent. Poorish sermon  
by one of his assistants. Thin  
attendance. I walked both ways,  
C. went & returned in a coupe.  
We were all at dinner & had with us  
as guests Mrs. Edward Hyman,  
Miss Allyn, Mrs. Cobb & Irving Fuller.

Wrote letters in Museum before  
& after church & after dinner. C. & R. S.  
read Rippling on India in evening.

Cambridge.

Ther 12°, 22°      MON. JAN. 29, 1912      Wea Snow Storm Stormy

Cloudy with fine, dry snow  
falling down almost ceaselessly yet  
making no more than 3 inches all day.

If the Garden attracted anything  
save Gray Squirrels and a few House  
Sparrows I had no evidence of the fact.  
Where can the Chickadees, Kinglets &  
Woodpeckers which frequented it  
earlier in the winter have gone of late?

Spent day in Museum trying to  
compose an appropriate foreword for  
the posthumous notes by Frank Bolles  
on Whiffenpoofs & Birds. Made but poor  
progress at this task. Charlie Hayes  
interrupted it by arriving at 1.45 &  
staying until 4. At 4.45 I came  
in for a chat with the Reading Club.  
Sat in hall after dinner C. & R. S. reading to me

Cambridge

Ther

TUES. JAN. 30, 1912

Wea  
Dull.

Cloudy with a little fine snow falling every now & then. Calm. Rather mild but not melting.

In The Garden heard a Jay screaming and saw a few Sparrows but noted no other birds. Three Gray Squirrels, probably two males in amorous pursuit of a female, ran all over the place, mostly through the snow-laden tops & upper branches of trees, keeping it up at intervals for an hour or more.

Spent day in Museum working on "foreword" to Bolles field notes. It came badly in forenoon, finally in afternoon when I finished it. C. & E. R. S. read aloud to me in "Huggarungga" this evening.

Cambridge - Boston.

Ther

WED. JAN. 31, 1912

Wea

Snow-Storm.

Cloudy with light N. wind, large flakes of damp snow falling all day, making about 3 inches.

A Blue Jay & Sparrows in the Garden.

To Harvard Sq. for hair cut 9 a.m. Then to Miss Purdie's studio where I selected a number of Henry's books for Wolfboro library, John Bolles & myself. Called on Stokes, seeing Alice & Mary. Meeting Trustees Pub. Res. 22-1. Dr. Walcott in chair, Nat. Kidder, Jas. Brooks, Edw. Forbes, Dr. Woodbury, Messrs. Clark & Olmstead & two others there. Next to "Bunch O' Grapes" for lunch. Then to our office 1.30 - 4 P.M. Next looked at Smith type-written for C. Then called at Holdens & bought yellow Canary \$5.00. Got home at 6. C. read transcripts & E. R. S. helping in Huggarungga this evening.

Cambridge.

Ther

THURS. FEB. 1, 1912

Wea  
Fine

Brilliantly clear with fresh, cold N.W. wind  
Ground snow-covered to depth of  
about 10 inches. Excellent sleighing.

In The Garden I saw a ♀  
Junco and a Goldfinch, neither of  
which species was noted there last  
month, besides a Blue Jay, a Downy  
and six or seven House Sparrows.

Spent day in Museum (where the  
new Canary sang delightfully). Began  
on Umbagog book for first time since  
last Spring & wrote 2 pp. about the  
Hooded Merganser. Worked most of P.M.  
on changes in text of foreword to  
posthumous notes by Frank Bolles suggested  
by Mrs. Bolles who read the M.S. this  
forenoon & dictated several inaccuracies  
of statement. Mr. & Mrs. Sawyer, Miss Allen  
& Mrs. Bruce dined with us at 1.30.  
C. & E. R. S. read to me this evening.

Cambridge.

Ther  
30°

FRI. FEB. 2, 1912

Wea  
Fine

Cool, calm & sunny with clouds  
gathering in late afternoon.

In The Garden there were about  
the usual number of Sparrows, a  
loud-screaming Blue Jay and a  
single Chickadee eating sweet. I saw  
no other birds. Squirrels were frequently  
in sight. One was carrying a large  
apple in his mouth with much difficulty.

Spent day in Museum. Packed  
out a lot of Whippoorwill & Kingfisher  
to send to Ridgway for use in connection  
with his book and a Song-bird Cuckoo  
which Wayne collected & sold me in 1889 &  
which I am now giving him at his urgent  
solicitation. Began work on Umbagog book  
at 11. kept at it until 6.30 making  
fine progress with an article on Hooded  
Merganser, C. in Boston all day.  
She & E. R. S. read aloud after dinner.

## Cambridge

Ther SAT. FEB. 3, 1912 Wea  
21° Fine

Much colder, the snow sparkling  
in brilliant sunshine.

In The Garden I saw a Jay  
and a few House Sparrows &  
heard a Downy calling.

Spent day in Museum  
working on Hooded Merganser.  
It dragged somehow but  
ground out a couple of  
additional pages of dubious worth.  
No one called except Phelan  
whom I went for to see about  
something in the Ford's honor.

E. R. S. went out to lunch  
at Miss Balch's. C was with me.  
We then spent evening in Higginson  
reading aloud from Kipling.

## Cambridge

Ther SUN. FEB. 4, 1912 Wea  
21° Fine

Clear with strong, raw N.W.  
wind which seemed to pierce our bones.

In the Garden saw only a Chickadee,  
a Blue Jay & about 12 House Sparrows.  
Heard a Crow cawing & a Yellow  
calling in the Longfellow grounds.

To St. Johns at 10.40 with C.  
Dr. Hodges preached, Dick Dana in  
his pew & Sarah Bates in hers. The  
wind hard to face walking home.  
Besides Miss Allyn we had with us at  
dinner Will & Alice Stone and Harry  
& May Cushingam. They all left  
about 3.45, C. & the Stones taking a  
motor car in town. I wrote letters in  
Museum 9.15-10.15, 12.15-1.15 & 4-6.  
C. & E. R. S. read aloud this evening.



# Cambridge.

Ther  
10°

MON. FEB. 5, 1912

Wea  
Fair

Thin clouds with crisp, cold air  
& little wind

Crows cawing in lindens at sunrise  
Jays screaming in the Garden later.  
A dozen or more House Sparrows about  
the place. No other birds noted.

Working on Umbagog in Museum  
all day. Added three M.S. pp. to  
Hooded Merganser. C. copied all  
forenoon, typing what I have done  
thus far some 1700 words.

Miss Balch at luncheon. I  
came in at 5 P.M. to afternoon tea  
with C's reading class.

Nuttall Club meeting this evening.  
Nat Francis read a paper on Grebes  
- very whimsical & amusing.

# Cambridge.

Ther

TUES. FEB. 6, 1912

Wea  
Dull

Cloudy, calm, mild threatening a  
storm which failed to materialize.

Heard a Crow cawing at sunrise  
<sup>noted</sup> but no other birds about the place  
except House Sparrows.

An interrupted day. C. left  
for Boston at 11 to spend a  
week at the Abbotsford with Emory  
Kettell (who came from New York);  
Bill Chiff arrived at 11.30 & stayed  
until 3 making measurement for changes  
in Museum; Copeland appeared at 2  
to select some Purdie birds; Batchelder  
called at 5 & stayed until 6, chatting.  
Nevertheless I worked at my writing  
at odd times & added 2 pp. of M.S.  
E. R. S. read aloud & Mrs. Coffin dropped  
in for half an hour, this morning.

Cambridge.

Ther

WED. FEB. 7, 1912

Wea

Fine

Sunny, calm & rather mild  
the snow thawing a little but not  
enough to injure the Slighing

The only birds noted in the Garden  
were a few House Sparrows.

Spent day in Museum working  
on Umbagog and adding several  
pp. to the Hooded Merganser story.

John Baker and Mr. Freeman  
came to look over the Purdie birds,  
the former taking away a good  
many, the latter none.

Mrs. Hayer & Emily Hayward  
lunched with Irving & me. The  
former had just seen Miss Eastwood  
who landed from S.S. Dominion last  
evening and kept to me this eve.

Cambridge.

Ther

THURS. FEB. 8, 1912

Wea

Fair.

Sunny but very hazy & at times  
cloudy. Calm & mild with melting snow.

Crows cawing about the house at  
sunrise, a Golden-crowned Kinglet heard  
in the Garden at sunrise. No other  
birds saw House Sparrows.

C. came out from Boston to  
type-write and kept at it steadily  
from 9.30 to 1 copying all I had  
written & written this morning. The  
Merganser story is now finished, I think.

At 1.15 E. R. S. & I started for  
Miss Allyn's rooms. Soon after we got  
there Mrs. Bolles joined us. Miss Allyn  
gave us a delicious luncheon. I got  
back at 3.30 & found William Barry  
who had come up to look at birds  
at 4 I met Prof. J. W. Putnam in our  
old house. He has about done with  
his work on E. R. S. and kept to me this eve.

Cambridge - Boston.

Ther  
50°

FRI. FEB. 9, 1912

Wea  
Fine

Clear & cold with brisk N.W. wind.

A Downy (2) & a few House Sparrows were the only birds noted in the Garden.

Spent forenoon in Museum superintending Billcliff's work on folding case of mounted birds. Also revised M.S. of Merganser Story. Batching came to select from Purdie birds.

I went into town just after lunch. Ordered a lot of flowers at "Rosary" for C. & Eunny. Called on Miss Purdie to keep & advise her about disposal of books. Was there from 2.35 to 4.20

When I went to Abbotsford. Afternoon tea with C., E.R.S., Sister Frances, Miss Hendes & Mary Greenwood. Dined at 6.45 with C., E.R.S. & Eunny Ketchell. Will & Alice Stone came on 8. They & I left at 9.15. I spent home at Athletic Club reading & got home at 11. Bitter cold night.

Cambridge.

Ther  
-7 min +2 max.

SAT. FEB. 10, 1912

Wea  
Fine

Clear & bitter cold with fresh N.W. wind. Total range of Ther. from sunrise to sunset on Sat degree is -7° to +2°.

Two Crows in linden, four or five Sparrows in Garden. Saw no other birds about the place.

Spent day in large room in Museum directing work of carpenters etc. They finished installing the folding case - now a sliding one - at its new position & Gilbert & Perry put back all the mounted birds in it. I transferred part of first series from small case to big one.

Broucheard caught ball again & called me to see. It decided me not to go to Dramatic Club to night. Sent my letter to Miss Stone. E.R.S. & I read together in our own room.

# Cambridge

Ther 2°, 20°      SUN. FEB. 11, 1912      Wea Fine

Clear & somewhat less cold with light N.W. wind.

Only birds seen about the place were 2 Crows & a few House Sparrows.

Spent forenoon in Museum.

Worked on Morgan's story adding known fresh matter, interpolated.

Walter Deane called at 12.40 & stayed half an hour. E.R.S. & I had

at dinner Miss Allyn, Mrs. Cobb, Loring Fuller and Miss Eastwood whom I saw last in London. They all

departed at 1.30. After that I wrote letters in Museum until 6.30.

E.R.S. went helping to see after supper.

Mrs. Bolles left near M.S. of her husband's to-day for me to look over some of the papers she submitted.

# Cambridge

Ther 4°, 24°      MON. FEB. 12, 1912      Wea Fine

Clear & calm with rising temperature.

Heard a Jay screaming in the Garden & saw a few House Sparrows there.

Spent day in Museum superintending work of two Corporals & Gilbert. Percy with us afternoon. We moved lots of things to new places & I got the entire first series, all my tropical birds, & all my butterflies, in our large case.

Walter Deane called at 9 a.m. & spent 20 minutes. He borrowed a pair of Wild Pigeons to show a friend. Miss Bolles worked with E.R.S. & me.

I came in to evening class at 5 & had a good talk. Preston Clark came out at 7.45 & stayed until 9 talking about game laws. I have very little to be proud of in the matter of what I have

W. Deane saw pair Sparrows in Greenway place on Bull's Head



Cambridge.

Ther  
24°

THURS. FEB. 15, 1912

Wea  
Fair

Sun shining dimly & fitfully through dense haze & thin clouds. Calm & mild.

In The Garden heard a Chickadee, a Golden-creeper, a Brown Creeper, a Downy & one or two Crows. Fresh work of Thriller on exposed branch of beech from tree but no bird of this species seen about one place this month.

C. came from Boston at 9.20 and her type was checked in Museum in whole forenoon. I could give her only 2 pp of M.S. as she worked mostly at copying her diary of several years ago. I wrote the Mallard & Red. by Black Duck for Umbagog book during 4 pp mostly in P.M. C. & Miss Emmons at lunch. E. R. S. read Thayer's diary covering

Cambridge.

Ther

FRI. FEB. 16, 1912

Wea  
Dull.

Cloudy with light easterly winds. Chilly but rather mild, the snow thawing a little despite the absence of sun.

Two Downy Woodpeckers & a Chickadee flitted through The Garden about 9 a.m. I saw nothing else there except Sparrows.

Spent day in Museum working on Umbagog book. Began on the Black Duck and wrote about 4 pp.

It is likely to be a long story for the subject is of exceptional interest, at least to me. Fortunately I shall be able to draw much more copiously than usual from my journal which contains many pertinent passages ready made.

E. R. S. & I breakfasted, lunched & dined together. She read aloud from 8 to 9 Bell

vertical notes on right margin of page 15

## Cambridge

Ther  
25°

SAT. FEB. 17, 1912

Wea  
Fine

Sunny, calm &amp; mild.

A Golden-crest, a Chickadee, a Blue Jay, a Downy and 2 Crows seen or heard in the Garden. The Chickadee was whistling the phoe-be notes at 3 P.M., the first time I have heard them this year.

Spent day in Museum working on the Black Duck story & making small progress. For one thing I had a headache, for another Billcliff interrupted me several times with questions about the Alky light which is placed in place flooding the big room with light.

Mrs M<sup>r</sup> Gordon lumbered into E. R. S. & me, E. read transcript to us this evening.

## Cambridge - Boston

Ther  
25°

SUN. FEB. 18, 1912

Wea  
Fine

Clear & calm. Early morning cool, very mild later in day with water, slush & mud in all the streets.

In the Garden noted a Downy, a Jay & Sparrows.

To Boston at 9.45; Met C. & Emory at Immanuel Church - Beautiful music but I did not like sermon by Dr. Worcester. Emory & I called on Sally Donabon after leaving church. Back to Abbotsford by 1 P.M. We had as guests there Dorothy Carter, Mr. Harlow & his fiancée Molly Brad. Dined at 1.30 in inner room.

Talked in C's room from 2.30 to 3.30. Home by 4 to find Willy Garrison & his wife. E. R. S. read this evening.

# Cambridge

Ther  
30°

MON. FEB. 19, 1912

Wea  
Fair

Mostly Cloudy or very hazy with pale sunlight showing every now & then. Day mild with little or no wind.

The Garden apparently unvisited by any birds save a solitary Crow, which perched in a cherry tree & cawed loudly, and a few Sparrows.

I spent day in Museum working on Black Duck exhibits and adding two pp. Had many interruptions & a good deal of revising of sheets which C. was copying. She was at lunch & then & Genny at dinner.

I came in to reading club tea as usual. Carpenter finished Smith's *Oxyptis* in Mrs. Nuttall Club meeting, 19 present. I read Hooded Merganser exhibit. Horsford gave big party. I was on table to it.

# Cambridge.

Ther  
46°

TUES. FEB. 20, 1912

Wea  
Fine

Raining from daybreak to 10 a.m. Remainder of day clear, calm & warm.

A Blue Jay screaming in the Garden. Nothing else noted there except a few Sparrows.

Spent day in Museum working on Umbagog book but making wretchedly poor progress on an Black Duck story. The building was disturbed by men & women for two carpenters & two plumbers were busy there, besides Percy & Gilbert, and I was appalled to find them every now & then. C. returned from the Abbotsford to stay late this P.M. I dined at Walter's & spent evening. Very small dinner. Mrs. Mrs. Macmillan, Robert & Mrs. Thayer & Louisa & after dinner the other guests.



Cambridge.

Ther  
25°

WED. FEB. 21, 1912

Wea  
Dull

Densely cloudy with heavy rain  
beginning soon after nightfall.  
Early morning cool, evening warm.

A Chickadee whistling phoo-bee, a Downy,  
+ a Jay screaming lustily were the only  
birds of capt Sparrows noted in Garden.  
An emaciated Screech Owl in gray  
plumage received, this morning, by mail,  
from Concord was found, Mrs. James  
writes, alive but weak in the yard,  
in front of our Bungalow. She put it  
in a cage but it did not live long.

Spent day in Museum working  
on Black Duck story & making  
trifling progress, Darling called at  
9 A.M. & I went over <sup>#</sup>149 with him  
Phibson & Hebble. C. & E. R. S. read  
aloud to me this evening.

Cambridge

Ther THURS. FEB. 22, 1912

Wea  
Clear.

A wild day with raging N.W.  
wind which by nightfall increased  
to a living gale & has not yet abated.  
It has blown down many branches from  
the lindens & snapped off a tall  
spruce in the clothes yard. The  
deluge of warm rain last night has  
removed most of the snow & exposed  
many patches of green turf on our lawn.  
Streets & sidewalks very icy again.

Saw a Chickadee & a ♂ Downy  
in the Garden.

Spent day in Museum working on  
Black Duck story rather unsuccessfully.  
C. opened all the unopened M.S. I had  
No callers. C. & S. R. S. read aloud  
from Kipling's "Sea to Sea" this evening.

Wrote & sent letter resigning my directorship in Nat. Audubon Club.

Cambridge.

Ther

FRI. FEB. 23, 1912

Wea

Fine

Clear & cool with strong N. W. wind

Heard a Chickadee in the Garden.  
No other native bird noted there.

Spent day in Museum trying  
to add something to Black Duck  
story, but actually failing to produce  
a single line that can be used.

Never before have my brains failed  
me so utterly for work of a similar  
kind, yet I felt physically well  
and not in the least muddled-headed.

I did manage to do something on  
page of Whippoorwill & Owl Notes by  
Belle which came this morning.

Maynard called at 3 P.M. & spent  
an hour comparing birds with my  
series, he looks old & pleases them, even  
C. & E. R. S. read aloud to me this evening.

Cambridge

Ther

SAT. FEB. 24, 1912

Wea

Fine

Sunny, calm, mild, with  
stoppy streets & sidewalks.

No native bird of any kind seen  
or heard about the place. House  
Sparrows out in force & rather noisy.

Spent day in Museum  
working on Black Duck story.

Advanced it considerably, but  
what I wrote was mainly  
compiled with few changes  
from field notes in my journals.

Apparently I have not as yet  
emerged from the muddled-headed  
condition of the first four days.

C. went in town for most of  
day & came back very tired.

E. R. S. read Hopling to me this evening.

Cambridge.

Ther

SUN. FEB. 25, 1912

Wea  
Fair

Densely hazy, calm, warm.  
Most of the streets and lawns  
now free from snow & ice.

Heard a Chickadee & a Blue Jay in  
the Garden. It swarmed with  
clamorous Sparrows.

Although I had sworn not to touch  
the Black Duck story to day I worked  
on the whole forenoon or rather on  
the miserable little passage that has  
baffled me since Thursday & is perhaps  
not yet finally done with. How  
can the book now be finished at this rate.

At 1.30 dinner we had Mrs. Cobb,  
Miss Chapman, Alice Allyn. All the  
bulbous plants at the base were making  
a brave show especially in the dining  
room & living room. The ladies spent half  
an hour with me in the museum after dinner.  
C. & E. R. S. read Kipling's 8-9 P. M.  
I read John's Arctic Prizes later.

Cambridge.

Ther

MON. FEB. 26, 1912

Wea  
Dull

A gray, mild but chilly day  
with heavy rain & pelting hail  
beginning soon after nightfall.

Crows cawing above house as usual  
- a noisy one. A Blue Jay screaming  
& a Downy calling love in Garden.

The usual task occupied me  
through most of day. C. came  
out at 9.30 & soon captured our  
the M.S. I had for her. I added  
a couple of pp. in P.M. but got  
all my thoughts & most of the morning  
from field notes written years ago.  
Came in for afternoon tea with  
C's reading club. Talked chiefly  
with Kate Hartford. Miss Bolch & her  
C. & S. R. S. read to me after dinner.

Cambridge - Boston.  
(Interviews with Judge Abbott.)  
Ther TUES. FEB. 27, 1912 Wea  
30°, 40°, 26° Fine

Clear with falling temperature &  
rising N. W. wind after sunset.  
Sidewalks dangerously slippery in early  
morning but slippery by 10 a. m.

Heard Cross Cawing at Sunnier &  
Jays screaming, later, in the Garden.  
A Screech Owl was uttering the  
ordinary wailing cry in Cherry Street  
place at 9 P. M. when I started driving  
home. I have not noted one in our  
grounds since last autumn.

Met Judge Abbott in our office by  
appointment at 11.30. Talked with him  
half an hour. Gave him check for Wolfson's  
school expenses. Told him that I should  
try next October to have him appointed a  
Fourth Justice of Superior Court & that I  
would accept only \$2200. Compensation if  
he could be added to the Board at say 1000.  
Saw Darling & asked him to recall and  
copy of 148 - letter to Mrs. F. L. Johnson  
for him to recall. Friends to write in P. M.  
having 4 other things to do on 7. He  
did not start for Cambridge.

Cambridge.

Ther WED. FEB. 28, 1912 Wea  
25° Fine

Clear & cool with fresh N. W. winds

A single Blue Jay in the Garden.  
Nothing else saw Sparrows noted there.  
Bent tells me that snow birds of  
every kind are seen or working about  
Jawston. He has never before known so  
birdless a winter there. Townsend  
reports seeing a Blue Jay recently in  
Commonwealth Avenue, Boston.

Spent day in Museum working  
on Black Duck story & making  
some of slight progress. The  
carpenters have nearly finished their

We Dine at Batey's this evening.  
All there saw Jackson & Barbara.  
Send letters of course.

Cambridge.

Ther THURS. FEB. 29, 1912 Wea  
25° Fine

Brilliantly clear with brisk, cold N. W. wind. The ground remained hard frozen all day except in sheltered & sunny places. It is still partly covered with snow in but tollars of the coming spring are not wanting. Thus the crocuses in front of the house have opened their buds and are apparently about to bloom.

In the Garden heard a Chickadee, a Jay & a Downy. Gilbert saw what he thinks were 3 Purple Finches in the Parthenon's apple tree.

Worked all day on Black Duck Story adjoining a Jay or two, C. copying in forenoon. Dr. Phillips called in P.M. & spent an hour meeting my Florida Black Ducks. Long talk on Bradford with us. C. & E. R. S. read aloud as usual in the evening.

Cambridge.

Ther FRI. MAR. 1, 1912 Wea  
18°, 28° Fine

Another windy, rather wintry day with clear sky & bright sun. Hence this March may be said to have "come in like a lion"

In the Garden heard a Chickadee calling & a Jay screaming.

My customary work occupied the entire day & progressed better than usual for I added more than two pages of closely written M.S. to the Black Duck Story. Whitcomb called soon after breakfast to discuss the feasibility of relaying museum floor with granolithic concrete. He will also call later. C. in town all day & J. & E. R. S. read aloud this evening.

## Cambridge

Ther

SAT. MAR. 2, 1912

Wea  
Fine.

Clear with high N. W. wind. Ground  
hard frozen all day even in sun.  
Streets filled with clouds of dust.  
Air bitterly raw & piercing.

A Chickadee roosting in Garden  
Nothing else but Sparrows there.

Spent most of forenoon writing  
cheques for bills. Did a little  
work on Black Duck story before  
lunch & a little after. In mid-  
afternoon went with C. to call on  
Miss Allyn. While there saw a man  
on skates flying down river propelled  
by a cotton sail. Went with C. to  
St. John at 5 to lecture on "Chauvin"  
Cold walk back, Will & Abner Stone  
dined with us at 7 & spent evening.

## Cambridge.

Ther  
10°.

SUN. MAR. 3, 1912

Wea  
Fine.

Clear & cold with fresh N. W. wind.  
Ground frozen hard. Typical winter  
weather except for bright sun & long  
hours of daylight.

A Crow cawing & a Jay screaming in  
the Garden.

A mangy-looking Gray Squirrel  
with large patches of bare red skin  
showing on head, neck & shoulders was  
collecting barked strands of birch in  
pear tree, 3 P.M. Finally making them  
into ball she carried it up tower  
under museum roof, no doubt to her nest.

Spent greater part of day writing  
letters in Museum. Throat cough kept  
me from church. C. went alone.  
We had Mrs. Wymen, Miss Hammond  
& Emily Hammond at dinner.

Cambridge.

Ther

MON. MAR. 4, 1912

Wea  
Fair

Sunny but densely hazy with  
flurries of snow flakes. Cold with  
fetter chill in air.

In Garden heard a Crow cawing, a  
Jay screaming, a Chickadee calling.

Heard Squirrels at intervals in loft  
over Study. Saw Gilbert up. He found  
the nest in a pigeon box, no young yet.  
Squirrels made no noise after sunset.

Spent day in Museum working  
on Black Duck story. Did fairly well  
C. copying my m.s. all forenoon.

Came in at 5 to C's evening class.  
Miss Entwistle there to say good bye.  
Lovers Cambridge this week, not to return  
Nutter Club this evening. 19 present.  
Finn paper by Townsend on ancestral  
traits in birds. Long discussion.  
Many field notes, Chadburne Com-

Cambridge.

Ther

TUES. MAR. 5, 1912

Wea  
Fine

18°, 22°

Clear & cold with light W. wind.  
About half an inch of snow last night.

Purple Finches again in Garden  
7 of them, all gray birds, one  
working softly. They were in  
Parkman's apple tree all day long.  
Heard a Crow cawing & a Jay  
screaming. Only a few Sparrows.

Spent day in Museum working  
on Black Duck story. Added two  
pp. of fresh m.s. & revised some  
old sheets. Miss Allgeer at  
luncheon with C. & me.

Prof. Putnam called in late  
P.M. to talk about his house  
& Redfield to select Purden birds.  
C. & E. R. S. read about this eve

# Cambridge.

Ther  
12° 30°

WED. MAR. 6, 1912

Wea  
Fair

Mostly cloudy; calm; cold.

In the Garden saw 9 Purple Finches, a Jay & a ♂ Downy. Six or seven of the Purple Finches were gray, two red males. One was singing Sotta voce. All were in the Parkman apple tree or on the ground beneath it. They remained there nearly all day. They were so shy that I could not get within twenty yards of them.

Worked on Black Duck which all day adding about 2 pp. Dined alone at 1, C. & E. R.S. having gone in town. We all dined together & had reading about Loton. Ruth Deane has sent me a lot of letters which he wrote Henry Purdie in the 70's. One from Palaburn is monstrously bright & funny & all are good.

# Cambridge.

Ther

THURS. MAR. 7, 1912

Wea  
Stormy

About 1 inch of snow fell last night. It melted & was washed off by light rain to-day. Air mild but chilly. Wind light, N.E.

Heard the true song of a Screech Owl once at day break, apparently from Linden. 2 Purple Finches, both gray ones, in Parkman apple. Saw a Blue Jay & heard a Golden-crow in Jugh.

Spent day in Museum reading M.S. of Black Duck story & adding a little fresh matter. C. worked through forenoon copying it. In afternoon I worked a little on Wisconsin collection, now about ready. Put in our annual supply of coal to-day. To Square at 5.30 for hair cut.



Cambridge - Concord.

Ther  
50°

FRI. MAR. 8, 1912

Wea  
Fair

Sunny but hazy. Very warm with light S. W. wind & gathering clouds.

In Garden 9 a.m. saw a Jay & 6 Purple Finches (all gray). A Flicker "shouting" lustily in distance towards N.

Gilbert & I took 10.08 train to W. Act. Crossed river on ice. Found Jeff at work on Davis Hill. He began on 5<sup>00</sup> & has cut down a lot of oaks. Is living in a little portable cabin he made with an axe & hammer.

Thence to Farm via Birch 7. Roads & field bare & muddy. Six inches soggy snow in woods, melting heavy walking. With no snow at 9, perhaps frost a week or more. Typical Bluebird day but no Bluebirds or other spring birds seen a pair of *B. lineatus* soaring over Birch 7. Two Crows & a Jay seen. Redpolls heard, Gullies started 6 Partridges & a Phoebe. 1 Chickadee at 7 o'clock. Heavy W. wind. Bald Hill. Many trails of Squirrels, a few of Rabbits, one of Skunk. No Deer on their trails here all winter by either Ralph or James. Pat saw one track to day. Arrived at Farm house. Walked back to W. Act. with Pat & Gilbert & took 4.27 train to Arlington. Saw cold Phoebe from car window in Shady Hill parking.

Cambridge.

Ther  
46°

SAT. MAR. 9, 1912

Wea  
Dull

Cloudy, calm, mild. Nearly all the snow & ice has melted now. Two crows in front of barn show swollen white buds of feet & ready to open at any time.

In the Garden were 2 gray Purple Finches one of was singing rather loudly & dancing about the other with quivering wings. I heard him at intervals all day. Also found a Chickadee & saw 2 Crows.

News came from Peterborough by mail this morning that George Kettle had an attack of heart trouble yesterday & had lost the power of speech. C. decided at once to go on W. day and started with Miss Seabury by P. A. limited express. Gilbert went in with them to station. It was a broken day for me. I wrote letters and cleared out my desk. Also worked on some manuscript books. G. R. S. sent transcripts to me in box this evening.

## Cambridge

Ther  
26°

SUN. MAR. 10, 1912  
First crocus

Wea  
Fine

Clear & cool with light N.W. wind.

In the Garden saw 3 Purple Finches  
(all gray ones) and heard a Chickadee  
whistling. Crocus was coming in  
the windows at sunrise. House  
Sparrows very noisy all day.

Most of forenoon spent in  
writing a different letter to Miss  
Hester at Wolfboro and an easy  
one to Dr. Rogers at Fond du Lac.  
Loring & I had at dinner Miss Allyn,  
Miss Hopkin, Lucy Dexter, Kate  
Horsford & Mrs. Harris. I took them  
to Museum at 3 & we spent half an  
hour there. Pinner came at 3.30 to  
plan for next week at Concord.  
Loring read Hopkin's to me this evening.

## Cambridge

Ther

24° 34°

MON. MAR. 11, 1912

Wea

Fine

Clear & cool; light northerly winds.

Five gray Purple Finches were in the  
Garden all day, mostly under the  
Parlman's apple tree glancing seeds they  
missed when the ground was covered  
in snow. A Chickadee was whistling  
through the plum. Crocus coming at sunrise.

A night letter came from C. This  
morning. George is still very ill  
but his doctor thinks he will recover.

I worked on Wisconsin collection  
whole forenoon & wrote letters & chapters  
in afternoon. Came in to receiving  
club at 5. Some members present.  
Miss Batch lunched with Loring & me.  
Spent evening at the Always' with  
Charles & Kelly.

Cambridge

Ther 34° TUES. MAR. 12, 1912 Wea Dull  
City Election

Cloudy with rain in afternoon & evening. Mild but choky.

A Purple Finch warbling softly & a Jay screaming harshly in garden. Crows coming about house at sunrise.

Resumed work on Black Duck story and wrote a couple of pages deeper into descriptions. Met Darling at 149 & discussed possible changes with him. After that went to the polls in Lowell St. & watched a grand team out of women to support Prof. Brad for School Committee. Bidcliff called at 2 P.M. to talk about a road camp for mounted birds. E. H. S. sent transcript in my thin case. C. Still in New York. Ralph Latta came from his morning saying Gray seemed well & fairly thick but was

Cambridge.

Ther 46° WED. MAR. 13, 1912 Wea Storm  
Aud. Soc. Meet. Rain

Warm rainstorm, heavy at times & lasting through forenoon & early afternoon. A very dull & dismal day.

A Blue Jay screaming in garden. No other birds noted than a ♂ Sparrow Hawk seen flying over lawn at 3.30 P.M.

Spent forenoon in Museum working on Black Duck article. Went in town at 3.30 to meeting Aud. Soc. Democrats, 4-6.30. After disposing of routine business I told them I had decided to resign both as President & Director, giving my reasons in full & talking perhaps half an hour. They all insisted that I should not do so, saying I was perfectly free to say or do anything I liked without in any way giving offence to any of them. I finally said I would think of one. C. was whom I got

Cambridge.

Ther THURS. MAR. 14, 1912 Wea  
*First snow drops. Fine*

Clear, calm mild. 6 snow drops  
 one from Museum, 62. Excavated front house  
 An unseen Purple Finch sang  
 at frequent intervals all day long  
 in the Garden flooding it with his  
 sweet, subdued warbling. Also heard  
 a Chickadee whistling & a Downy calling.  
 Passing Smith place, 3 P.M., saw 2  
 Sparrows Hawk perched on top of big  
 buttonwood by barn. Looks as if pair  
 might nest again in Smith place.

Spent forenoon in Museum working  
 on Black Duck story. S. copied enough  
 to make 5 typewritten pages, working  
 9.30 to 1. At 3 P.M. we called at the  
 Dana's, Jerry Edith. Went there to  
 Mrs. Butler to hear Morse tell about  
 mark. It was much interesting. About  
 50 people crowded into parlour.  
 Gilbert came up this evening to try  
 lantern in wood place. C. & E. arrived out  
 & saw Umbagog slides.

Cambridge

Ther FRI. MAR. 15, 1912 Wea  
 35°, 61° Stormy

South-west storm raging all day  
 with violent winds & floods of rain.  
 It continues unabated at 9 P.M.

Pat Flannery who came down  
 from Concord this afternoon says that  
 the river was everywhere open  
 yesterday & the annual slaughter of  
 muskrats began. He says there  
 was clear water to day from the  
 cabin across the meadows almost  
 to my boat house. He has noted  
 no spring birds so yet.

Spent day in Museum. Put  
 final touches to Black Duck story,  
 begun on Feb. 16, and took  
 up Green wing Teal this afternoon.  
 With Jimmy Hayward a bunch with  
 E. R. S. & W. C. in town all day.

# Cambridge

Ther  
42°

SAT. MAR. 16, 1912

Wea  
Fine

Clear & cool with light W. wind.  
An umbrella full of crowns of  
various colors making a firm  
thrust in front of her.

A Purple Finch singing <sup>so</sup> <sup>loudly</sup>  
loudly & a Jay screaming <sup>in</sup>  
the Garden. Heard also the <sup>chirp</sup>  
of a Sparrow Hawk as I sat at my  
desk. Ernie coming at dinner.

Spent day in Museum working  
on Green. wing leaf & completing what  
left I have in day about 2.

Gilbert & Percy went to Newton  
to get some more Purdin birds  
& eggs stored there. They brought  
some with a suspicious number  
Some very good ones.  
Wren & other birds shared with us  
at 7 & 8 hours evening

# Cambridge.

Ther

SUN. MAR. 17, 1912

Wea  
Fine

Clear, calm, mild - a perfect  
early spring day with no trace  
of chill in the still air.

In the Garden heard a Flicker  
shouting loudly, a Jay screaming &  
a Purple Finch chattering. Also a  
Sparrow Owl there uttering its low  
song at 6.30 P.M. No spring  
arrivals yet. Fully expected Grackles  
to-day & perhaps Robins & Song Sparrows  
for conditions are ripe for them now.  
On way to church at 10.30 heard  
another Flicker shouting in Longfellow Park.  
Mr. Nash passed so fine a sermon  
as I ever heard. At 1.30 dinner we  
had Mr. & Mrs. Mr. Millam, Maggie &  
Walter Deane & Miss Allyn. They all  
left by 4. I wrote a few letters

Cambridge

Ther  
50°

MON. MAR. 18, 1912  
Honey bees out.

Wea  
Fine

Clear, calm, warm! Scores of snow-drops in bloom with honey bees about them. Some small tufts of vivid green grass on bank. Skies dry & dusty. Red-wings, Grackles, & Blue birds reported near Boston. Batschelder saw pair Sparrows H. Smith pt

A Purple Finch, a Downy, a Jay a Crow & a Flicker heard in Garden. The first & last in song.

Worked all forenoon on Blue winged Teal story, C. copying M.S. written since Thursday. We had Mrs. Cole, Miss Beah & Miss Sweeney at lunch. Worked all P.M. on Poodin birds. Mullett Club. F. H. Allen read paper on Abate Hoque vs. J. Roosevelt. Thursday. baby found. 14 papers

Cambridge - Concord.

Ther

TUES. MAR. 19, 1912

Wea  
Fine

Clear & warm with light S.W. winds. Typical & altogether perfect early spring day. In the Garden, 8 A.M., heard Chickadee giving phoebe call, Crow cawing, Jay scolding. First yellow crocuses in bloom.

Gilbert & I took 10.08 train to Concord. Walking

from W. Bed. Sta. to river heard Bluebirds Song Sparrows, Juncos, Jay Sparrows, Goldfinches, Red-wings, Crows, The low, tender, Sparrows voices seemed to come from everywhere for &

there but only a few birds were seen. Searched big crocuses & crossed to Ball's this River wharf far from ice & meadows mostly submerged - a landing, blue jays, Muscovet fawn birds & dove on cabin. Paddled down to Davis Hill. Left & another man cross sawing logs. Most of oaks on I end of hill, down. We had them. 2 Chickadees in bush by meadow. Meadow thrushes flushed. Was reminded of my trip along there with Frank Bolles about 1892 or 3. On way back to Station at 4 P.M. heard Bluebirds, Song Sparrows, Jay Sparrows, juncos Red-wings, Crows & a Phoebe. 36 Red-wings on Tea. Grackles eastward & 6 Jay Sparrows. 4.25 leaving bridge. Did not hear an announcement all day

On birds at Boston Hill. Bluebird, Jay Sparrow, 2 Chickadees, Song Sparrow, Junco, Jay Sparrow, Goldfinch, Red-wings, Crows, The low, tender, Sparrows voices seemed to come from everywhere for & there but only a few birds were seen.

Cambridge.

Ther WED. MAR. 20, 1912 Wea  
First Crows Blackbirds Time

Heavy rain just before day break  
 Clear at sunrise & all day. Forenoon  
 warm, afternoon cool, evening cold.

First truly spring birds in Garden  
 8 Crows Blackbirds (1 at pond). Also  
 saw or heard then a Purple Finch, a  
 Jay, a Chickadee, a Crow. Heard a  
 Screech Owl landing 9 P.M.

Spent day in Museum. Worked  
 on Pierdin's birds (last lot) most of  
 forenoon; on Blue winged Teal which  
 all afternoon. Mr. A. Pearson came  
 over to see me at 8 staying until  
 past midnight (12.30). He seemed  
 greatly improved. We talked mostly  
 of early days. How I enjoyed it!

Cambridge.

Ther THURS. MAR. 21, 1912 Wea  
 24° max. Snow Storm.

Went back again. Snowing fast  
 all day, about 5 inches falling. Row &  
 cold, highest temperature being 24°.

Heard a Blue Jay in Garden. No  
 other birds than Sparrows.  
 Everything deeply buried in day  
 snow & absolutely winter looking.

Spent day in Museum working  
 on Blue-winged Teal story & almost  
 finishing it. C. copying all a.m.  
 Billcliff called on 11 for final  
 instructions about new case for  
 mounted birds to replace book case  
 in Museum. Mrs. David being  
 & Sarah Anne lunched with C., E., R.S.  
 & Mrs. C. & E. and "The Revolution"  
 to see the evening.

# Cambridge

Ther  
24°

FRI. MAR. 22, 1912

Wea  
Fine

Clear & cold with strong N.W. wind. The bright sun thawed some of the snow & made slushy streets but hardly any bare ground was exposed by night. When are the flowers & the bees out?

Two Brown Grackles in Garden all forenoon. Also heard Purple F. & Jay there.

Spent day in Museum working on Hubbards book. Got to thinking Blue winged Teal story & reviewed 2 pp. adding a good deal of fresh matter. Will Scammon & his Station wife come out in late P. M. C. no town all day. She & E. R. S. came aboard in boat this evening.

# Cambridge

Ther

SAT. MAR. 23, 1912

Wea  
Fine

Subway to Bos. opened.

Clear, calm, much warmer; snow melting fast exposing much bare ground before night. Streets almost wholly bare.

A Fox Sparrow appeared this afternoon on the ground under Parlor window. Two Brown Grackles, all ♂♂, spent entire day in Garden, chiefly on ground. One visited pond; another had a piece of bread in its bill. All creaked & grated now & then.

Worked from 9.30 A.M. to 7 P.M. on Hubbards book. The work went flyingly to-day. I did the Shoveller the Pintail & the E. Widgeon, some six pp. of fresh M.S. in all C. in Boston. She went there though not subway opened this morning for first time. Mrs. W. Scammon in lunch with E. & W.



# Cambridge

Ther

SUN. MAR. 24, 1912

Wea  
Stormy

more snow.

Six in. of wet, compact snow fell last night. Rain fell all day melting much of snow. Still ratching against windows now (9 P.M.).

3 Fox Sparrows & 4 Redpolls (all plain gray ones), spent most of day in garden running about our ponds. In forenoon they took together among woods; later the Sparrows came in front of Museum feeding, with English Sparrows, on sand & thorn one. One Fox S. Sang over. Heard a Flicker & saw a Jay.

Spent most of forenoon in Mrs. Wootton's letters. Dick & Edith Dana, Charles & Mabel Abney, & Miss Allen were our guests at dinner. They left at 3.15. The Stearns came at 4.30 & stayed at home. C. had a letter from Emory this morning saying Emory is weather & looking good. She would probably go in tomorrow night. She worked from 6 to 7 P.M. type the working paper of my M.S.

# Cambridge

Ther

MON. MAR. 25, 1912

Wea

Fine

Clear & mild, snow shrinking fast. Cooler & freezing by sundown.

4 Fox Sparrows, 10 Grackles, a ♂ Downy W., a Crow & a Jay, in the garden. Fox Sparrows eating millet seeds in place we thumbed for them. It was filled solid with them. Sparrows - at least 30 of them. There was glorious Fox Sparrows music every where & there all day.

C. worked in Museum from 9.45 to 1 type writing my M.S. & copying it all up to date. I did little more than revise it for her. It was our last evening together for many a day. E. H. Davis took up most of my afternoon. He had been hospitalized this year. At 4.40 I came in for afternoon tea with the reading class. C. was too tired to see them. There were some C. spent evening arranging table for the Dana.

Cambridge.

Ther 15° TUES. MAR. 26, 1912 Wea Fine

Clear & cold with fresh W. wind.  
A raw, disagreeable day.

5 Fox Sparrows, 1 Tree Sparrow,  
5 Cow Blackbirds, 1 Blue Jay and  
a Crow in Garden. Fox Sparrows  
sang gleefully. Tree Sparrow on snow  
faintly in front of window on board walk.

C. left for Boston at 9 & took 1  
P.M. train for New York with Mrs S.  
E. went in to see them off?  
Spent forenoon in Museum working  
on odd tasks. At 2.30 took car  
through new subway to Pearl St. &  
thence by transfer car to storage committee  
where I met Mrs. Walter Channing &  
examined her late father's collection of  
birds, about 300 all in mostly large, many  
tropical. Good specimens & Dr. Cooper says  
them. She wants to get them off her  
hands. Home by 6. S. R. & D. and in evening

Cambridge.

Ther 46° WED. MAR. 27, 1912 Wea Fine

Clear, calm, mild. Snow melting  
fast. More than half the surface of our  
lawn & garden bare by night.

6 Fox Sparrows, 3 Cow Blackbirds,  
a Blue Jay, a Thrasher, and about  
40 House Sparrows, in the Garden.  
3 Crows in Hubbard Pool. Where  
are the Robins?

Spent day in Museum. Got ready  
great number of serials & pamphlets for  
binding. Mrs. Knapp's portrait for Tom in P.M.  
Did various other things, the news  
from C.

"McDerm" at our home this evening  
Eight came - Babatubda, Beant, Deann  
Jeffers, Thayer, Townsend, Gustaf, Reed  
C. had arranged a delicious dinner.  
The men left at 10.45.

Cambridge.

Ther 50° THURS. MAR. 28, 1912 Wea Fine

Clear, calm, warm; clouds gathering in late P.M.; raining at 9 P.M.

Snow practically all gone by night -

Garden ringing with music of 7 or 8 Sparrows all day long. There were at least seven birds. They were widely scattered most of time. Heard them first at sunrise. At sunset they went to roost in pines next museum rhododendrons. Besides these birds I saw only 2 Crows & Blackbirds. It looked very robiny toward evening but there were no Robins.

Working at odd jobs in Museum all day. Billchiff called in forenoon; Dick Davis at 4 P.M. (staying 3/4 hour)

Walter also dropped in (about noon).

Letter from C. W.'s museum. Long very weak & apparently being ground.

E. R. S. read "Mammals" to me this evening

Cambridge - Boston  
Important first sale - Hotel-Turner & Drury.

Ther 50° FRI. MAR. 29, 1912 Wea Stormy

S. E. rain storm, heavy in forenoon, the rain ceasing & sun showing dimly at 4 P.M.

Looking out bath-room windows 7.30 a.m. saw a blessed Robin fly into top of catalpa tree by museum & then heard laughing call. 7 or 8 Sparrows singing gloriously & almost ceaselessly 7.30 - 10 a.m. Saw 5 or 6.

Went in town, 10 a.m. Opened account Crow. Ins. Sav. with \$500. Reached office 10.40. Signed Estate cheques for quarterly March disbursement. Bought 2000 Mass. Bonds for personal investment. Darling brought offer \$25000. for Hotel-Turner & Drury. Discussed it with Stud. Buntline & finally decided to accept it as property given only 4% on \$25000. although offered for \$35000 as it is in need of expansion repairs & renovations. Waited over two hours for agreement to be drawn. Buntline & I signed it at 4.30. Did a little shopping and got home at 5. Gilbert went to Boston this evening. Corbin back at museum pretty well. E. R. S. read mammal to me this evening.

Cambridge - Concord.

Ther SAT. MAR. 30, 1912 Wea

Move to Concord. Fine

Brilliantly clear with light N. wind  
Cooler. Water skimmed over last night

Cambridge, 3 Fox Sparrows (1. x)  
a Chickadee. x & 2 Cross Blackbirds  
in the Garden. Sparrows Hawk ♂  
flying low over it. Flicker shouting  
near Mrs. Comp. Yard.

Called on Mrs. Chapman just  
after breakfast to discuss business on  
bank block. In Mrs. Comp. Yard  
in crops 10 a. m. Saw Hensons &  
Bang, some more collections. They  
will take part of it & send rest to  
Berwick Co. Acad. I in. Saw 7 before  
to City Hall for gun license  
bounced with S. R. G. Took 2.00  
train for Concord. Pat found me  
over 2000. It has fallen much but  
mushrooms are still flooded, for us  
to Benning's Knoll & Pine Point.  
Phoebe in front door at Coburn Pat  
Saw him under head this morning  
Red wing singing delightfully all  
over neighborhood. Saw a Purple heron  
No 7 on highway.

Concord

Ther SUN. MAR. 31, 1912 Wea

Fine

Clear with strong S. W. wind.  
Froving at day break, warm at noon  
First Tree Swallows (1 river 2 Benning  
" Wood Frog (3 Farm, 2 Benning.  
" Hylas (3 Farm, 1 Benning  
" Butterflies (2 Brown, small.)

In forenoon roamed through woods  
near Ball's Hill. Also visited Davis  
Hill with Jeph. He has cut about 12  
acres of heavy oak covered thicket.

Shore bank in old Stella Maria  
after dinner. Then went to farm,  
skating, skating up & back. Snow  
drops in flower thorn, Squirrels at cabin  
Scatched 6 Partridge & saw (100)  
Cross Blackbirds very N. E. 5 P.M.  
Three pairs Black Ducks in water  
off Benning's Knoll 6 P.M.

Concord.

Ther MON. APRIL 1, 1912 Wea  
Fair

Forenoon brilliantly clear with  
light N. wind. Clouds gathering  
in P.M. & chill S.E. wind, Raining  
at 7 P.M.

First Marsh Hawk, ♀, Ball's ♂

" Kingfisher 9 A.M. " "

Two flocks Golden eyes about all day  
flying past Ball's Hill & alighting in

Great M. One had 4 ad ♂ & 4 ♀♀,

the other 5 birds looking like ♀♀

Two Herring Gulls appeared off shore  
at 2 P.M. flying back & forth.

Not much singing. Only a few  
small birds seen. Frags silent,

Pieper & 5 men began work across  
river. Pat raked leaves all day.

I sailed nearly to head Great M.  
getting rather near to 8 o'clock.

To Pine Point on evening.

Hepaticas in bloom from Cabana

Concord

Ther TUES. APRIL 2, 1912 Wea  
Stormy

Heavy N.E. rain storm lasting  
through day. Very chill, raw air.

Near the cabin, attracted by seed  
thrown out for them than 7 of Sp.

and my presence spent most of day.

Gilbert saw about 30 of each kind  
at Tavern. At cabin there were

also a Tree Sparrow, two Song

Sparrows, a Chickadee & a Jay,

besides the pair of Phoebe. Saw a

Swallow over the river, a Gull &

a Crow only large birds seen there.

Started 2 Partridges in Pine Park.

Gilbert found a Field Mouse in one

day's catch. He had eaten or

run round about a basket of apples.

Spent most of day blowing

leaves with Pat in Pine Park  
& on Blackman Bridge.

Concord,

Ther WED. APRIL 3, 1912 Wea  
Fine

Heavy rain all last night.  
Snowing hard this morning up  
to 9 a.m., Sun out by 10. Rest  
of day brilliantly clear with  
raging N. W. wind. Very chilly.

Fox Sparrows about cabin  
all day increasing up to 15 by  
night, singing incessantly &  
gleefully. 4 Junco, 2 Song Sp.  
& 1 Tree Sparrow with them.

Two Black Ducks passed down  
river. A single Gull flying  
opposite cabin.

Peter & I were busy on our  
river & stopped to the lake by 10.  
I spent part of day with  
them & part with Zeph cutting  
down oaks. Had to keep putting  
to keep warm.

Concord,

Ther THURS. APRIL 4, 1912 Wea  
20° Fine

Brilliantly clear with high N. W. wind.  
Wintery cold last night. Ground frozen  
iron hard at daybreak. Cool all day.

First Fish Hawk; B. H. (See journal.)  
34 Fox Sparrows & 11 Juncos  
cawed in front of cabin. We  
kept them supplied with hemp, rye  
& millet seed and they us with  
music, all day long. There was a  
Tree Sparrow with them & a Chickadee  
also. No Phoebe noted about Ball's  
Hill to-day but I heard one sing  
near Pine Park shed. The Swallow  
hasn't appeared. Last seen Apr. 1.

Peter & I were hunting gophers &  
Cannon Tail nests on Ball's Hill.  
Pat, Zeph & the hens near Olay  
saw my splitting & carting wood.  
I spent entire day at the hill.

Heard a Pine Siskin & Saw 6 Redpolls.

Concord.

Ther FRI. APRIL 5, 1912 Wea  
Mixed.

Strange day opening with blinding  
snow. Storm ceasing at 8 A.M.,  
followed by a sunny forenoon with  
chill S.W. wind. Sudden rise of  
temperature at noon. Afternoon  
very warm & evening summerlike  
with Hylas & Wood Peeps in full cry.

32 Fox Sparrows, 8 Juncos, 2 Song  
Sparrows, 1 Jun Sparrow from  
Cabin. 2 Chickadees\*, 1 Parula\*  
on Ball's Hill. Kingfisher on bank  
near (3) Hairy Gull & 2 Merg.  
Hawks & a Fish Hawk & 2 Goldfinches  
eyes flying over river.

Spent day at Ball's Hill. C. W.  
Haley of Weymouth around at noon  
to talk over school matters. He  
left & Will Stone came about 3.  
Will & I walked to Pine Park  
& Road Hill at evening.

Concord

Ther SAT. APRIL 6, 1912 Wea  
Fine

Clear with light southerly wind  
changing to easterly in P.M.

Forenoon unaccountably warm.  
Afternoon & evening rather chilly.

First Great Blue Heron heard  
calling at evening over Great Meadows.  
Flock of 18 Golden eyes over  
meadows at 6.30 P.M. finally

alighting near flock of 6. Two birds  
during them in early forenoon.

About 25 Fox Sparrows & 6 Juncos  
spent day near cabin.

Will Stone & I went out in  
cannon information probably about  
near Hill. Smith O. Dexter came  
at noon to dinner. He then went  
to Pine Hill after dinner. Starling  
& 2 Robins. Robin singing well at  
evening. Plover & 5 Green Gull hunting  
on Blakely's ledge.

Concord

Ther SUN. APRIL 7, 1912 Wea  
2 Deer seen at Farm Fine

Sunny. Early morning calm & warm  
S. W. wind rose at 11 a. m. & blew, with  
afternoon breeze bringing clouds in late  
P. M. and heavy rain soon after dark.

First Pin Warbler \* Davis Hill  
" Leopard Frog \* (2 or 3)  
" full chorus of Hylas -

Starting soon after breakfast Will  
Stone & I paddled down the calm  
river nearly to Castle Bridge & then  
crossed to Bedford Swamp where in  
the inner flooded meadows we flushed  
a pair Great Blue Heron & 21 Black  
Ducks. Also saw a few Hares. The  
S. W. wind had risen and when we  
emerged from the swamp it was  
blowing a heavy gale. The struggle  
back against it was long & arduous  
& when we reached camp at 1.30  
we were nearly exhausted. After  
dinner & a nap we started for  
the Farm. Just as we were coming out  
of Puffin Bluff woods we saw in the  
field at foot of orchard slope two  
large horned Bull Deer. They came  
probably & ran up our hill & down  
into Barrett Run where we got  
within 30 yards of them. They were  
colored exactly after Jersey cattle.  
Found 4 Robins & a downy woodpecker  
at Farm. Started J. Partridge on in  
Chestnut. Returned back to camp.  
Soon - Talked with my cabin boys

Concord.

Ther MON. APRIL 8, 1912 Wea  
24° Fine

Wintery conditions again. Billings  
cold all day with raging N. W.  
wind and frequent flurries of snow

First Chippy - in Bennett's pasture.

Will Stone left by 8.30 A. M.  
train. At 9 Mrs. James appeared to  
say that C. wanted me to go to Farm  
at once for telephone message. It was  
about George Kettell. Ermy had  
telegraphed that he was much worse  
this morning & feeling for C. & E. K. S.  
were to start for New York at 1.  
C. said she wanted me to stay on  
here for ten minutes. Returning to  
Ball's Hill I spent most of day  
in cabin tending things. James  
with me. Tried some steam bath  
on river in P. M.



Concord.

Ther

TUES. APRIL 9, 1912

Wea

George B. Kettell died Foul.

Early morn sunny; rest of day cloudy with blinding snow storm 4-5 P.M.

& rain after that. High W. wind, very cold. Ground hard frozen as in winter. Altogether a very harsh & dreary day.

Fish Hawk & Herring Gull flying over river. Fox Sparrows & Juncos nearly all gone. Jays & Hyllos still in. Sunday. Grass beginning to grow green with unfolding leaves.

Spent most of day in cabin rigging canoe dials, putting up shelves etc. James with me in forenoon. Ted & Olaf hauling wood. Peter & b men cutting brown tails. Left hunting gypsy nests. Peter & I went to farm & Davis Hill in P.M.

James drove down 9 P.M. with telegram from C. saying end very near.

Concord - Cambridge - New York

Ther

WED. APRIL 10, 1912

Wea

Fine

Clear & warmer with light N.E. wind. 4 Fox Sparrows at Cabin. Saw red wren in Parker's orchard, W. Bud., where I heard also singing 2 Tree Sparrows, 1 Field S. & many Juncos. 2 ♀ Sparrows Hawk flying over track near station.

Took 8.10 train to Cambridge. Got to there from C. calling me to N.Y. because of her brother's death. I saw Nyctale about funeral & telephoned Max Bennett's office & Harry Bartlett. Also saw to work on my furnace. In the garden saw 4 Fox Sparrows, a Robin & a Jay & heard Crow Blackbird. To Boston at noon. Call at office. Then to South St. Hall 1 P.M. train for N.Y. arriving at 6. Fields green & red maples in bloom in S. Conn. Read most of way. Went to Murray Hill H. Found but got home. Dined at 7 at Marcha Washington with C. & E. R. S. Stayed with them until 9. Read until 11.

New York.

Ther THURS. APRIL 11, 1912 Wea  
Fine

Clear, calm, mild.

Spent most of day in smoking  
room of Murray Hill Hotel  
reading and writing letters.  
Had breakfast & luncheon at  
Grand Union Hotel opposite  
station whether I have for letters  
tickets to Boston.

Called on C. & E. R. S. at 4.15  
Went there to Halden's apartment  
store & walked back to hotel up  
Fifth Avenue. Traffic on Fifth Street  
& very much delayed to see. Went  
again to Murray Hill on  
6.30 to dinner with C. & E. R. S.  
Am now (9.30) back in  
Murray Hill writing room.

New York - Rutherford - Cambridge.

Ther FRI. APRIL 12, 1912 Wea  
Fair.

Forenoon sunny & mild. Afternoon  
cloudy with showers.

Breakfast Murray Hill 7 a.m.  
Met C. & E. R. S. 23<sup>rd</sup> St. Ferry 8.30.  
Took 9.39 train to Rutherford. Final  
services in sitting room at 11.30  
Family & relations sat in dining room.  
There were Betty, Eunny, John & his wife,  
Mr. & Mrs. Freeman, Mrs. Rogers &  
~~several others~~, several Sterlings & a Babine  
fishing on lawn just outside windows.  
Betty, Eunny, John & Mrs. Freeman, C.  
E. R. S. & I returned to town together.  
I went to Murray Hill, changed clothes,  
dined & rejoined C. & E. R. S., Betty  
Eunny & John at station where we took  
3 P.M. train for Boston  
arriving at 4.30. Gilbert met us at  
station. He & I came out via subway

Cambridge - Forest Hills - Concord.

Ther SAT. APRIL 13, 1912 Wea

Geo. B. Kettle funeral. Fine.

Clear & mild with light E. wind  
In the Garden were 2 Fox Sparrows (4)  
a ♂ Goldfinch in full song altho. in  
dull winter pl. a Titlark, a Downy,  
2 Robins (2) & 12 Snow Blackbirds.

To Forest Hills Cemetery. Mr. Bennett

& I by cars, C. & Betty, Emma. From

N.E. R. S. by carriage. Met the Allens,

Mary Deming, Mary Henry, Conyngham

at gate. Fred Allen read short service at

grave. Sunny April morning, Titlark

throating & brass carrying was at hand.

Draw home alone thro. parks.

Jamaica Pond again with looking for

fully 100 Black Ducks, a dozen or

more Gulls, Mallards etc. Fully 100

Swamp Sparrows at home. C. arrived

at 2.40 pale & tired. She went

down to bed. I took carriage for

Concord carrying Betty Hill at 5.  
Hollist to Park Park at 5.30. Saw  
many more birds. Between 5.30 & 6.00  
flock of fully 500 Blackbirds, N. Red.

Concord.

Ther SUN. APRIL 14, 1912 Wea

Stormy.

N.E. rain storm beginning  
sometime last night & continuing  
through entire day. very chilly

First Yellow-rump (in dull, moulting  
plumage) / Ruby crown Kinglet &  
Swamp Sparrow \* all at Ball's Hill  
Fish Hawk about all day perching  
several times on hawk pole across  
road. 7 Whistlers flying over  
hill at sunset, heading N.E.  
Heavy fog 10.30-12 a.m. across town

Spent entire forenoon & most  
of afternoon in cabin writing  
letters & chapters for bills.  
Got out about 4 P.M. and  
rambled about behind hill &  
beyond swamp. Robins & Redwings  
singing well at sunset

Concord

Ther MON. APRIL 15, 1912 Wea  
Killed Deer Plover. Fair

4 P.M.  
Forenoon cloudy with thin fog.  
Afternoon sunny but hazy. Dead calms  
see day. Warm & moist.  
First Barn Swallow (Ed. 6 P.M.)  
" Killdeer Plover (see journal)  
Fish Hawk about all day. At 4 P.M.  
he hovered 100 yds. off cabin, then  
went completely out of sight & then  
emerged with a small fish.  
⑥ Golden eyes flew past cabin twice  
③ ② ① Herring Gulls calling  
② Kingfishers. 180 Blackbirds  
mostly Red wings with a few Green  
Blackbirds, in one ~~area~~ row.  
Gilbert saw 70+ ~~found~~ Redwing's flew  
altogether a great bird day with  
every thing being in freely at all hours  
Spent day at Ball's Hill doing  
work of farms. Pat, Tom & Old.

Forenoon cloudy with thin fog.  
Afternoon sunny but hazy. Dead calms  
see day. Warm & moist.  
First Barn Swallow (Ed. 6 P.M.)  
" Killdeer Plover (see journal)  
Fish Hawk about all day. At 4 P.M.  
he hovered 100 yds. off cabin, then  
went completely out of sight & then  
emerged with a small fish.  
⑥ Golden eyes flew past cabin twice  
③ ② ① Herring Gulls calling  
② Kingfishers. 180 Blackbirds  
mostly Red wings with a few Green  
Blackbirds, in one ~~area~~ row.  
Gilbert saw 70+ ~~found~~ Redwing's flew  
altogether a great bird day with  
every thing being in freely at all hours  
Spent day at Ball's Hill doing  
work of farms. Pat, Tom & Old.

Concord.

Ther TUES. APRIL 16, 1912 Wea  
Killed Geese & Gr. Blue Her. Fine

Clear & oppressively warm with  
light southerly wind. Procession of  
heavy thunder showers, 5-9 P.M.  
Fish Hawk on wing & Red-bill Grebe  
in river off. Cabin, 8 a.m. Two Great  
Blue Herons flying N.E. over farm at  
height fully a mile 2 P.M. Flock  
of 36 Geese about same height over  
Green Field flying due north 4.20 P.M.  
First Purple Finch \* - at farm.  
3 Barn Swallows, 8 Tree Swallows,  
3 Chipping \*., Orange colored  
Salamander with narrow flat tail,  
appar. same as those in Berkshire Co.  
in path leading fr. Bureau to Beach 7:  
under pine. Spent day at farm  
walking up & back. James & Peter  
getting apple trees. 6 more by hauling  
Pat taking lawn.

Concord.

Ther WED. APRIL 17, 1912 Wea  
Fair.

Forenoon sunny calm &  
very warm; afternoon cloudy  
with cool S.E. wind. Raining 7 P.M.

First Yellow Redpolls (<sup>B.H. 7.</sup> 1 / 1<sup>x</sup>)  
Fish Hawk & Pail-bill Grebe  
again noted at Ball's Hill (in  
early morning). At Farm heard  
a Meadow Lark & 2 Thrush (Shaw's)  
besides Song Sparrows, a Purple Finch &  
Robins very scarce. Saw only one  
at 4 P.M. Saw Cooper's Hawk (♂)  
come through garden and clear part  
from skimming 10 ft. above ground on  
set wings at twilight spent evidently  
hunting. Feathers of Thrush-killed by  
hawk in grass field at Ball's Hill  
Spent day at Farm walking with  
& back. Pure & James golfing.  
6 men bay hunting. Pat gardening

Concord.

Ther THURS. APRIL 18, 1912 Wea  
Stormy

Raining most of day, at times  
heavily. Strong, cold east wind.

About 50 Swallows flying over river  
in front Ball's Hill all day long. Most  
were Tree Swallows with a few Barn,  
Swallows, several Red-wings singing  
in marshes close to cabin in early morning.  
Also a Phoebe near the sheds. No  
large birds seen. Except 3 Bitterns  
seen by Pat 7:

I spent entire day in the  
cabin, not feeling well enough to  
go out. James working on shutter  
in my sleeping room, left on  
moss & squirrel-farm boxes built.  
Day harding wood. Pat having  
break

## Concord

Ther FRI. APRIL 19, 1912 Wea  
Stormy

Raining steadily all forenoon.  
Afternoon cold & windy (N.W.) with  
sun shining feebly at intervals.

The swarm of Swallows greatly  
augmented in numbers. There must  
have been fully 300. All day long they  
skinned low over the wind swept  
water as far up & down river as one  
could see from the cabin, just as they  
used to at Fresh Pond 40 years ago &  
at Balls Landing more recently.

About 80% were June & 20% Barn  
Swallows. Gilbert says they fly back  
upriver over Great Meadows & down  
to Davis Hill.

Spent day in cabin sleeping  
much of time & feeling rather  
wretched but not really ill.

## Concord

Ther SAT. APRIL 20, 1912 Wea  
Fine

Brilliantly clear with strong, cold N. wind.

First Hermit (1, B.H.) Bittern jumped  
once at sunset. 25+ Yellow-rumps,  
4 Yellow Palm Warblers, 1 Pine W. &  
1 ♂ Ruby-crown Kinglet spent entire  
day on south side Ball's Hill drifting  
back & forth past cabins, singing  
incessantly, darting up from tops of  
oaks after flying insects, chasing  
one another playfully. Their combined  
voices made sweet music especially  
when the Ruby-crown joined in.  
The Swallow swarm was here in  
early morn. but soon disappeared.  
At sunset 4 Whistlers (1 an old drake)  
came flying past the cabins.

Spent day in & near cabin. Feel  
better but not myself as yet. Pat  
& Jeph working

Concord.

Ther SUN. APRIL 21, 1912 Wea  
Fine

Clear & warm; light W. wind.

First Spotted Sandpipers (2) seen  
by Gilbert, Barret Meadow, 254  
Yellow-rumps, 2 Yellow Palm W., 1  
Pine Warbler, 1 Ruby-crown Kinglet  
Spent day on & behind E. end of hill  
singing delightfully. 2 ♂♂ Red wings  
in tall oaks directly over cabin

6-9 a.m. singing delightfully, with  
spread tails, & passed up & down  
up & down slender branches. At 9 a.m.  
what I took to be a Carolina Dove but  
failed to see cooed repeatedly in meadows  
east end of hill exactly like Wood Pigeon.

Spent most of day in cabin. Walked  
to Pine Peak after breakfast, to Davis Hill  
after dinner. 4 of Dr. Field's definition  
seen all day on hill for woodpecker  
gumming but not a single bird found & they  
would have been disapproved.

Concord - Cambridge.

Ther MON. APRIL 22, 1912 Wea  
Dull

Cloudy & calm with a little fine rain.

First Green Heron, Ball's N. & A. M.  
Sparrow Hawk (♂), Parula or. W. Red.

Ruby-crown Kinglet ♂, Robin ♀,  
Crows Blackbird ♂, Blue Jay 1, in  
The Garden, Cambridge.

Gilbert & I closed cabins & took 8.13  
Train to Cambridge. Ida & Alpha had  
home opened for us. I telephoned first  
for Dr. Deane. He examined me & said  
I had had dumb gripper & must be  
very careful for another week. Would  
not hear to Washington trip. "Injustifiable  
risk" - so I telegraphed Henry I should  
not go. Had planned to stay to see  
Helen a fine letter & read & sleep.  
Walter Deane came down & spent evening

To see Gilbert in garden, 10 P.M.

# Cambridge - Concord.

Ther TUES. APRIL 23, 1912 Wea  
Dull

Cloudy with strong cold N.W. wind.  
Showers in early forenoon. Hazy, gloomy day

Ruby-crown Kinglet x, Crow (in  
linden early morning), Jay & Robin only  
birds noted in Garden.

Spent forenoon in Museum writing  
letters. Much better to-day & stronger.

D. Deane called at 9 A.M., I called  
on Irving Fuller 9.30. Lunched alone.

Gilbert & I took 2.08 train for  
W. Bedford. Saw pair Sparrow Hawks  
close to village bay system. Found

myriads of Swallows skimming close  
to water over river & meadows. Fully

200 off. B. Hill. Not less than 700  
between middle Great M. & Beach Id.

About 500 over Ice Swallows & 200 Boon.

They were mostly over exposed skeletons  
where raging N.W. wind tore up an or else  
took them work on Lake P.M.

# Concord

Ther WED. APRIL 24, 1912 Wea  
Fair

Sunny forenoon; cloudy afternoon with  
light rain at eve. Westerly gale blowing all day.

First Solitary Vireo x & White-throated  
Sparrow (fair adult). First web nests  
of First Caterpillars hatching with tiny  
new-hatched larvae. Most of Swallows  
gone only about 20 remaining. Fine old  
♂ Marsh Hawk seen twice beating  
close about Ball's Hill. A few  
Yellow-rumps (about 8 ♂♂ x), 2 Yellow  
Red-bills, 1 Ruby-crown K. x.

Pat & Jack worked all day on new  
extension to wood shed, Pine Park. I  
was with them 8-11 A.M., 2-4 P.M.  
Got very tired both times & had to lie  
down after it. Evidently I could not  
have stood the trip to Washington.  
A. O. U. Home Com. began work this to-day



Concord

Ther THURS. APRIL 25, 1912 Wea  
Fine

Brilliantly clear with fresh, cool N. wind.  
Phoebe first bird to sing at daybreak;  
Red-wings a little later; 4 or 5 Yellow  
rumps at 6.45. At 7 a Fish Hawk  
passed flying S.W. towards Fairbairn Bay.  
He returned 20 min. later with fish in  
talons. At 3 P.M. a Fish Hawk plunged  
into river within 50 yds. of cabin but  
emerged without prey. At 7 A.M. a  
Green Heron passed high up to N.E.  
Only a few birds through day. A  
Pine W. & Ruby Crown Kinglet singing  
over hill. Robin singing across river at one  
Robin & Song Sparrows down river banks.  
Spent day with Pat & Zeph on  
hill near cabin working at various things  
In late P.M. sailed to extreme N.  
end Great Meadows & back. Only a  
few Red wing singing. Several Song  
Hawks seen near cabin at sunset

Concord

Ther FRI. APRIL 26, 1912 Wea  
Fine

Sunny but hazy; clouds gathering  
at eve. Heavy S. wind all day.  
First Black & White Creeper } calls just  
3 Pine Siskins in oak } heard cabin  
B.H., 7 A.M.  
Fish Hawk on pole Holden M. 7 P.M.  
3 Bellarm, one showing suspicious plumage  
as it circled on wing, two pumping frills;  
all at edge meadow opposite cabin 7.30 A.M.  
Eight or ten Yellow rumps on hill.  
Started hear Partridge 30 yds. of cabin.  
Phoebe building in Pine Park shed.  
" at cabin first bird heard at  
daybreak. Red wings soon followed,  
singing in calls directly over me.  
Spent forenoon with Pat. He moved  
a lot of mountain laurels to cabin  
from rear of hill. Out sailing after lunch.  
Halter T. Olson arrived at 3 & stayed  
until 5.30 when I ferried him over river

Concord.

Ther

SAT. APRIL 27, 1912

Wea

Dull.

Cloudy with showers of fine rain  
at noon & eve. Heavy S.W. wind. Cool.

First Black thr. Green W. Ballst. 2 P.M.

Winter Yellowlegs. hd. Gull M. . .

2 Black & White Crows \* 1 Solitary vireo \*.

2 Pine Warblers \* , Yellow throats scattered  
about everywhere in small numbers,

Red shouldered Hawk \* , 3 ad. Marsh Hawk

flying low over Pine Park, Herring Gull

flying high past Basin Hill, pair of

Blue Jays near cabin 7 a.m., Phoebe

& Swamp Sparrows singing loud on morning

& evening, Robins singing a little,

Red-wings singing frequently, Song Sparrows  
very silent of late.

Spent most of day working with  
Pat in Pine Park. Transplanted ferns  
& herbs. Short sail after dinner

Concord.

Ther

SUN. APRIL 28, 1912

Wea

Fine

Brilliantly clear with strong  
cold N.W. wind - a gale at times

First Cave Swallows, Bank Swallows  
and Cherry Swift - then with  
about 50 Tree & 20 Barn Swallows  
flying low over river all day.

Not many small birds in woods

a few Yellow-throats, 2 Yellow Palms,

a Ruby crown Kinglet, 3 Juncos

& a Rusty Blackbird being the only  
north-bound migrants. Saw 4 Robins

& 3 Chipping in Benson's pasture,

2 Doves flying over orchard N.W.

at Farm. Partridge drumming near

spring. Maples after trees & factory

bushes green with unfolded leaves.

Spent most of day working letters

Walked to Farm & back in Cat Park.

Concord.

Ther MON. APRIL 29, 1912 Wea  
Dull.

Cloudy, cool, calm. Heavy rain at evening with light easterly winds.

At 7 A.M. two Bellows alighted together & stalked about in company in the marsh across river but neither showed any relation. Two were jumping lustily in distance at evening.

Pine Warbler, Yellow Warblers (2), a Yellow Tanager Warbler, a Ruby crown W. & a Solitary Oriole singing on hill at 8 A.M.

In late P.M. an immense flock of Swallows appeared flying over river. When I went out in canoe to observe them at 6 P.M. there were nearly

if not quite 1000 opposite Ball's Hill. A little later they circled in a dense stream above bottom bushes & soon alighted. But finally (6.30) they all rose high in air & flew off towards N.E. There were about 600 Redpolls, 300 Barn & 100 Bank & Green Swallows.

Concord.

Ther TUES. APRIL 30, 1912 Wea  
Fine

Early morning cloudy. Sun showing by 10 A.M. Rest of day clear & warm with light easterly wind. Evening calm & beautiful.

First Pigeon Hawk, ♀, flying N.E. low over river just before 2 P.M. I was high on hillside & fell down on her back & tail.

At 11 A.M. a ♀ Sharp-shin Hawk in her possession of Song Sparrows passed over within 5 feet along river path near cabin. I threw my cap at her & shouted when she turned off & alighted in oak. Sparrows plunged into brush on edge of river.

First Hawk passed down after flying N.E. About 200 Swallows over river at 7 A.M. Only a dozen or so in P.M. had many small ones in den.

Spent entire day superintending the transplanting of hummocks from & across on Ball's Hill.

Worked all day transplanting hummocks with Pat

Concord

Ther

WED. MAY 1, 1912

Wea  
- Fin

Brilliantly clear with light westerly wind. Seasonably warm.

First Brown Thrasher (seen bird in thicket E. end of Ball's Hill) and Towhee (singing, 8 A.M., same thicket)  
The usual early morning singing of our Phoebe, Song Sparrows & Red-wings. Very little singing & but few birds of any kind seen, throughout day.  
Air warm but breeze & Robins going to roost in swamp behind Ball's Hill, one of them singing well. Gilbert saw a Golden eye on way to G. M.  
Full chorus of Kinglet, Flycatcher & Hylas at eve. Also a few Green Herons.  
Spent forenoon with Pat digging holes for trees behind hill. To West Bedford nursery in P.M. Found nothing there that I could buy.

Concord.

Ther

THURS. MAY 2, 1912

Wea  
- Fin

Clear & cool with fresh N.E. wind

First Yellow Warbler, ♂, 7 A.M., Park St.  
" Blackburnian " ♂ Bush 7: (Gilbert)  
Big flight White-thr. Sparrows, 25+ along south side Ball's Hill, about 30 seen by Gilbert between Barnard's & the Farm. Singing freely about cabin all day. Mostly from adults but a few dull colored birds.  
Very little general singing of local birds.  
The season of "April, hush" still on.  
Saw first 7-edges in full cry at evening & Hylas making deepening din. A few Green Herons. Shad bush on south side of hill by river unfolded several blossoms this afternoon.

Spent most of day with Pat selling out with Jimmie & Barbara north side Ball's Hill.

Concord

Ther

FRI. MAY 3, 1912

Wea  
Fine

Brilliantly clear with light  
N.E. wind. Rather warm.

First Maryland Yellowthroat (♂ B.H.)  
Parula Warbler (♂ at Farm) House  
Wren ♂ (behind house at Farm)  
Least Flycatcher (1 at Farm, 1/2 in  
barnyard orchard) Mallard ♂ and  
flying over B.H. with 3 Black Ducks  
at 9 a.m. About 10 White Thr.

Sp. at B.H. & at least 30  
at Farm. Shed bush in nearly  
full bloom by river, Forsythia  
at its best at Farm

Planted flower seeds at B.H.  
& continued both until 10 a.m. when  
I walked to Farm. Got dead of  
Hotel Farm and returned to  
James brought her back on our auto.  
Will & Alice Stone arrived at 3.30  
P.M. We walked to Home Hill  
Lighthouse & to Boston in morning after.

Concord

Ther

SAT. MAY 4, 1912

Wea  
Fine

I discharge D. James.

Brilliantly clear with fresh E. wind.

First Water Thrush: Pad Ad. 8 a.m.

" " Down bird, Belmont, Pine Hill

Numbers of Yellow rump, 2 Yellow Plover,  
♂ Black-burnian & fine ♂ Pine Hill.

Bald Eagle, plain brown bird, tagged  
wings, flying high E. over river at Birch Id.

(5) Cherry Swifts at Farm, 3 P.M.  
4 Bats in shed at Farm (first noted)  
White-Thr. Sparrows, 6 B.H., 10 Farm.

The Stones & I with three canoes  
paddled down river in a.m. to  
Carrick bridge, sailing all the way  
back: In P.M. we walked to Farm.  
M. S. Cooley sent boy for "Billy"

I refused to let him have her. A little  
later James behaved very insolently  
about her & other matters & I gave  
him a month's notice to leave the place.

## Concord

Ther

SUN. MAY 5, 1912

Wea  
Fair

A. M. sunny; P. M. cloudy, Cool  
with winds from E., S & W. by turns.

Arrows Rose-brown Grosbeak, Bobolink,  
Chestnut Side Warbler heard 6-7 A. M.  
as I was in bed in cabin, Kingbird (1)  
Savanna Sparrow 1x, Solitary S. 1,  
up river, Nashville Warbler 1x 7 am 6 P. M.  
Tittowls (4), Hairy Woodpecker, on wing.

♀ Bittern, very tame, at Hairy Pond  
stalking along edge of river. Watched her 1/2  
hour within 30 yds. Saw her eat from  
pan 5 in. long & 4 small objects  
apparently larvae. See journal.

The Stones & I in 3 canoes went  
up river to Hairy Pond 10-12. 30.  
In P. M. walked to Farm via  
Darius Hill & Back St., back on  
Holden's Hill.

## Concord.

Ther

MON. MAY 6, 1912

Wea  
Stormy

Raining steadily all day, Cool  
with light east wind.

First Wilson's Thrush a silent bird  
in front of cabin 7 A. M. & later, a ♂  
Towhee & 4 White throats there, also.

Upwards of 100 Swallows, mostly  
Tree Swallows, spent day flying close  
to water over river opposite Ball's Hill.  
At evening we saw 5-6 Night Herons  
flying past hill over our Great Meadows  
in a compact V-quad (like Ducks).

The Stones returned to Boston by  
8.10 train. I went to station with  
them. Returning I spent entire  
day in cabin writing letters &  
doing various odd jobs. Left  
making bird houses. Pet not here after  
8 A. M.

Concord.

Ther TUES. MAY 7, 1912 Wea  
Dull.

Cloudy with light, cool E. wind.

First Catbird ~~at~~ at Farm  
" Redstart ~~at~~ " " B. H.  
Gen. arrival of Black-throated  
Green Warblers & Black & White Anims.  
Yellow warblers, Yellow Palms &  
Towhees Birds still common.  
Three flocks (3, 4 & 2) of Black-  
Ducks rising from Great M. at  
evening with noisy quacking.  
Horned Grebe still at Farm. 4  
Bats in wood shed left:

Left & I walked to Farm just  
after breakfast crossing north of  
Great Caterpillars along the way. He  
kept at it all forenoon in Berry Pt.  
James & I planted fresh trees &  
grass areas. Planted some at B. H.  
after dinner. I looked up room  
to Dalton's Hill 5-6 P.M.

Concord

10 Ther WED. MAY 8, 1912 Wea  
Betty horse sent away Stormy

North-easter with fine misty rain  
in forenoon & heavy downpour all  
afternoon. Strong N.E. wind. Very cool.

No arrivals & but few birds of any  
kind noted. A small flock of Towhees  
- Yellow warblers, 1 Yellow Palm, 1 Black-  
throated Green, 1 Chestnut sided, 1 Pine-  
Sparrow on sheltered slope of hill.  
Then White-throats & a few seen  
cabin. Also a pair of Blue Jays  
about 50 Tree Swallows & 20 Barns  
skimming close over surface of river  
all day, flying straight & feebly  
like young or wounded birds. No large  
birds. Gilbert went to Boston.

Betty horse driven to Red Oak Farm.  
I planted things about cabin in a.m.  
Went to Farm in P.M. & talked  
with C. & Mass Bird (Red Oak) by telephone

Concord

Ther THURS. MAY 9, 1912 Wea  
Mist

Forenoon calm & mostly sunny.  
Afternoon cloudy with 3 heavy thunderstorms

First Red eye V. (8 a.m.) & Baltimore Oriole (9 a.m.) both near cabin, not singing  
General & very delightful singing of many birds at early morn & up to 10 a.m.  
Theater across river, lots of Red wings, Flicker on hill, Black thr. Green, Pinn. W. Chestnut side, Black-burnian, 2 Chickadees etc behind hill; Phoebe, Song Sparrow & White-throat at cabin. Green heron on bank slope of hill. 2 Redwings jumping in Great Meadow (2) Black Ducks feeding from it, Great Yellowlegs calling them (over) (8) Night Herons flying past cabin 5 P.M. (Bellini)  
Tide Hawk plugging into river & canyon with water (S.O. Dyer 12 noon) 6 Kinglets N. Muskrat swimming past cabin at evening.  
Spent most of day in & near cabin. Wrote a lot of letters & chapters. Dyer, dead youth here and we walked & across the - I went to Pimlico at evening

Concord

Black Snaker & Deer Mouse (at Farm)  
Ther FRI. MAY 10, 1912 Wea  
Fair

Early morn & late afternoon cloudy  
calm & warm. Most of day cloudy with high, cool N.W. wind.

First after breakfast. Start in full bloom:  
" <sup>Guyton M. Larrow on road</sup>  
Delightful bird chorus about B.H. in early morning with Oriole, Grosbeak & Nuthatch calling prominent first. At 8 a.m. heard, loud & strongly near, the laugh of a downy young twice apparently by bird on wing a little E. of hill.

Subst Pat & I went to Farm at 8.30 & spent day there. Only a few birds singing among them Wren, Oriole, Catbird, Solitary Tanager. Two Swallows above boxes making sweet, liquid calls.

In Berry Pasture saw Black Snaker 4 ft. long swallow Deer Mouse & white tail among (don't know).  
Dyer appeared with me at cabin & stayed until 9.30.



Concord

Ther SAT. MAY 11, 1912 Wea  
Delightful

Brilliantly clear & deliciously warm;  
forenoon calm; fresh S.W. wind in P.M.

First Garter Snake - 1 - B. H.

First Magnolia Warbler - B. H.

" Great Crested Flycatcher - Form.

Several Yellow-rumps, 1. Usman W. &

1 White Throated, 2 White Thr. Sparrows

at Hill. Delightful chorus

of Red wings, Robin, Grackles,

Song Sparrows etc. all forenoon

One Phoebe sings only at daybreak

now. ~~Two~~ Bobolinks & down birds

Crows, Black Cap Green, Pine W. &

Solitary Tanager (2), Oriole 2 &

Yellow Warblers 3 &. Fish Hawk

with Horn Point (?) on pole E. of hill.

First Towhee, Towhee, Golden Towhee & Thrush

Sparrow nest of egg at B. H. walking  
on course with Toph. home to 7:30  
last P.M. Pat came down freely down  
& down house & near.

Concord

Ther SUN. MAY 12, 1912 Wea  
Stormy

Cloudy with violent S.W. wind and  
heavy rainfall from 11 A.M. to 2 P.M.

First Yellow-throated Vireo (across river)

" Canadian Warbler - B. H. Swamp.

" Scarlet Tanager ♂ ad, calling, B. H.

Many Warblers behind hill in Swamp,  
mostly Black Thr. Green & Chestnut sides.

22 ♀ Red-wings & 3 ♂♂ in Benson's pos.

At 3 P.M. saw pair Spotted Sandpipers  
operating on sand bank near Cabin.

Sexual contact lasted fully a minute

& flapping wings all the while. After  
a he stood erect & still another

minute on back of ♀, as on a rock.

At 10 A.M. saw what looked like

Downy Woodpecker flying up river close to water

Planting wildflowers & writing letters etc.

One Sander completely mired 2-3 P.M.

Walked to Farm & back to 6 P.M.

Concord - Cambridge - Boston

Ther

MON. MAY 13, 1912

Wea

Dull

Cloudy with strong warm S.W. wind  
and occasional light showers.

Lots of Warblers in woods on  
& behind B.H., early morning, but  
nothing seen among them. Heavy flight  
of common ~~swallow~~ residents chiefly -  
Town's Larks & Tree Larks in full cry & P.

To Cambridge by 8.00 train.  
Dinner on a - Sat with train  
as far as Cambridge & with Tinsley rest  
of way. Had hair cut & ordered two  
suits clothes in Harvard Square.  
Reached home at 11. Spent hour with  
Percy in Garden. buy meat with  
health of Muskrat & oysters in bloom.  
Started for Boston 12.15. Landed at  
Bush O'Leary. Saw Arthur & ~~others~~  
& had long talk about ~~some~~ ~~from~~ ~~red~~ ~~birds~~.  
Returned to Concord by 4.01 train to  
Boston & rest of way by ~~last~~ ~~of~~ ~~way~~ ~~con~~

to Concord.

Ther

TUES. MAY 14, 1912

Wea

Fair

Clear & very cool with raging W.  
wind changing to S.W. in late P.M.

No arrivals noted. Only a few  
small birds in Balls Hill region  
& almost none at Foxon Robin  
exceedingly scarce. A pair at Balls  
Hill, another at Burrows & a third  
at the Foxon are all I am  
seeing daily. Foxon ~~exposed~~ ~~the~~  
same extreme severity elsewhere.  
Song Sparrows also are not as  
plenty as usual. The only north-  
bound migrants noted to day were  
an House Martin, a Migration &  
a Horn Thrush, all at Balls Hill.  
Heard a Cuckoo & Cuckoo at B.H.

Spent most of day working in  
woods behind hill with Zeph. Hunt  
& Farm at 4 P.M. Everything mostly  
done. better weather Concord

Concord

Ther WED. MAY 15, 1912 Wea  
Fair

Cloudy with occasional gleams of  
sunshine. Forenoon calm. Fresh S. W.  
wind in afternoon. Rather cool.

No arrivals saw least Sandpiper  
Fair migrants - 4 Yellow-rumps, 1  
Water Thrush only obvious ones.  
Birds sang well early morn.

Spent most of forenoon on back  
slope of B. H. where I got a lot  
of young oaks among the black spruces.  
Black flies very bad. Bees appearing  
fast & oaks very attractive with  
pink & salmon foliage. Left I looked  
around in P. M. Gilbert went to  
Boston to Mrs. Chamberlain's funeral.

When he got back at 6 I started across  
Great Meadow. Near its middle flushed  
5 Black Doves & Mallard, 2 Black Doves,  
3 Greater Yellowlegs (very noisy) several Least S.

Concord

Ther THURS. MAY 16, 1912 Wea  
Stormy

Heavy north-east rain storm lasting  
all day. Cool. Strong winds. Thunder  
to westward at evening.

No arrivals. Small birds very  
scarce in Ball's Hill woods. Almost  
no singing. One Water Thrush the only  
north-bound migrant. About 30  
Scaup (mostly White-bellied) stirring  
water over river. Greater Yellowlegs  
calling at 8 P. M. Very singing  
in swamp near Pine Park at 6.30.  
Hardly any birds seen or heard at  
Farm. Walked there at 5 P. M. One  
Owl in elms. Not a single Robin.  
Gilbert had similar experience there at  
9 A. M. One or two Ovenbirds singing  
in woods. Saw Rottentail in lawn.  
Spent most of day in cabin  
writing. Set out a few plants.

Concord.

Ther. FRI. MAY 17, 1912 Wea. Fine  
Big bird wave. Prothonotary Warbler

Chiefly sunny, partly cloudy, sev. light showers. Warm with distinct S.W. wind changing to N.W. & cooler at evening.

Great bird day. Heavens migration of month thus far. Fin singing early, many. Arrivals Gray ch. Thrush & Swainson's V. at cd. (Dexter). Prothonotary Warbler, Black thro. Black throated Blue, Wilson's Black cap, 10 inches Finch, Wood Pewee, Hummingbird, Black-billed Cuckoo.

When I awoke & opened my window at 6:30 I heard the Prothonotary singing. Dressing & opening door I saw him on front of cotton on branch over path, then on bush thump, later on walk on side & crest of hill, still later on flooded meadow across road when (after breakfast) I followed him on my course. From 6 to 8:30 he was very much bird heaven about B.H. Walked to Farm 8:30-9:30. Found singing congregation. Heard one Dove Hawk & Pigeon hawk. Lots of birds at Farm. Skipped the Franklin Finch in farm garden. Saw James Capshaw Swainson of Farm. Left at 10:00. He came down at 11:00 on his wheel. He looked on some of the singing Finch & after dinner at other for Prothonotary. He would not show through a gate. I was out of town on my course at evening. Still coming & I found 25 May 9 birds

Concord.

Ther. SAT. MAY 18, 1912 Wea. Fine  
King-neck Plover.

Clear with fresh W. wind. Warmest day of the season thus far.

No arrivals noted. Only a very few north-bound migrants, an American Warbler, Canadian W. and 2 or 3 Yellow-rumps. Making up the list of woodland birds with a Greater Yellowlegs & a Least Sandpiper to represent the waters. The latter I saw at dusk in Great Meadow when I saw also a drake Mallard flying with 3 Black Ducks. There were about 50 Swallows there skimming low and at least 500 Phalaropes crawling in all directions besides 2 Bitterns jumping. A beery song in delightfully late afternoon.

Spent most of day at B.H. working on course etc. with Zeph. Walked to Davis Hill & Penn Park 8-9 and

Very clear  
No birds  
at dusk  
many  
all  
Rings  
about 2 P.

## Concord

Ther SUN. MAY 19, 1912 Wea  
Fine

Clear & very warm with strong  
W. wind (the river white-capped).

No arrivals. Only north bound  
migrants, 1 Knot-tail Thrush, 1 House W.  
The wind seemed sweet & the  
beet birds. Even before it was  
in early morning there was but  
little singing. As I found when  
I opened my window at sunrise  
was the song of a Red-eye.

Spent forenoon at Ball's Hill  
taking a short walk after  
breakfast & then sitting down  
to letter writing. Started for Town  
at 3.30. Searched for gypsey  
Grouse Tail Larks but found only a very  
few. Dyer & his brother on boat  
near at Springfield. Had a formal talk with  
James. Called on Mr. Thomas, Bank  
at Concord at 7. He is a very good author & writer.

## Concord.

Ther MON. MAY 20, 1912 Wea  
Mixed.

Forenoon cloudy with frequent showers.  
Afternoon sunny. Fresh chill E. wind all day.

No arrivals. Solitary & least S. only  
north bound migrants. Great numbers  
of Swallows, mostly Tree & Bank, skimming  
low over river & meadows. About 25  
Swarblers flying about W. end B.H. at sunset.

Spent forenoon with Pat & Zeph at the  
Bullwhisk Landing talking to friends my two  
old boat houses built at Concord by  
Red Kealey in May 1886 & at Bullwhisk  
since 1892. Saw birds there as of your  
Robin, House W., Warbling Vireo, Purple Finch,  
Gambel's, Oriole, House Wren, Chipping sp.  
Sailed most of way up & back in canoe.  
Back to Concord by 1. Sailed down to  
Perry's Island & back in P.M. Also walked  
to Perry's Park at sunset.

Concord,

Ther TUES. MAY 21, 1912 Wea  
Second May flights of warblers. Fine

Sunny all day. Forenoon calm &  
warm. Chilled E. wind in P.M. Thunder  
showers to S. at evening. Bay heavy on  
Lake about midnight last night.

First Bay-buzzard Warbler 6x in  
B. H. Sw. 11 A.M. First White-crowned  
Sparrow in office here at 7 A.M. 4 P.M.

First Cedar bird (3) in blossomy apple tree.  
Heavy flights of warblers, mostly Downy,  
Redstarts, Maryland Yellow-Throats &

Black-bills, much scattered, several  
Olive-backed Thrushes. One Gray-crow  
is nearly fresh. Song B. H. 11 P.M.

Found Partridge nest 11 eggs B. H. (Sagehen).  
Lithia I started today 3 feet from Lake  
on 6 O'clock I heard a few very loud  
Spout from on Balls Hill. I went  
up camp to house for dinner. Walked  
to Pine Hill 11 A.M. Calm, birds  
long flying all forenoon. N. W. Richardson  
came down at noon. To find out what  
I had seen & look over shore. Spent  
most of afternoon at home.

Concord.

Ther WED. MAY 22, 1912 Wea  
Moon to Town to Home. Fine

Clear & cool. with fresh E. wind.  
Early morning calm with birds singing  
like mad & freely up to 11 A.M.

First Yellow-bellied Flycatcher calling  
near Barn Spring. First Night hawk  
I saw, observed, 6 x 6.30 P.M. at home.  
Very much like I saw birds at Balls Hill  
& at home as yesterday. I doubt  
if many kept on northward last night.  
It was dark & raining hard from  
8 P.M. to past midnight. At home  
saw a beautiful White-crown Sparrow  
again. It was in deep yard & low  
all day. Saw at least 2 House Wrens  
and singing all day.

We moved to home this morning. I  
walked up planting Lophoceros & Partridge Pea  
seeds all along the way. Spent day  
walking my garden with Pat. Walked  
to Middlefield & Backy Pat. at home.

Concord.

Ther THURS. MAY 23, 1912 Wea

Spraying begun at 7 a.m. Mixed

Forenoon cloudy with cool S. E. wind  
Afternoon sunny & warm with S. W. "

~~First Whippoorwill~~. Many north  
bound migrants at farm, mostly in  
apple orchard & big elms, among them  
" White-crown Sparrows, Canada W.  
Houder W., Blackpoll, Wilson's Blackpoll  
♂ & ♀ Black-throated (in elms),  
Two Nighthawks flying high, N. E.,  
at 7 P.M. Whippoorwill heard a  
little later for of towards N. W.  
Heard Yellow-bellied Cuckoo coming at  
11 to 11.30 last night & singing this  
morning.

Duron arrived at 7 a.m. & spent  
day spraying orchard & other sections  
of farm. I with him most of time.  
We used 1 lb. lead to 5 gal. water.

Concord

Ther FRI. MAY 24, 1912 Wea

7 in

Clear with strong S. W. wind and  
a succession of heavy thunder showers at  
even with hail & floods of rain. Warmest  
day of spring thus far. Probably about 85°.

No arrivals. Few north-bound migrants  
a Black-poll & a Yellow-bellied Flycatcher  
being all I noted. One Wood Pewee  
singing in elms at farm for fruit trees.  
Only the usual summer residents birds  
heard these two years. One hummer  
in fullest song. Juice in bloom in  
garden, copious on Balls Hill.

Spent entire day with Duron &  
his men. We sprayed in forenoon  
in Birch Field, at the Spring and along  
road border in sections in P.M. at Balls  
Hill. When I arrived, had a nap in my  
colum & walked to farm after first shower.

Concord

Ther

SAT. MAY 25, 1912

Wea  
Fine

Clear & cool with light breeze to  
E. & S.E. winds. A rare day.

First Chimney Swift Flycatcher heard  
on Pine Ridge, 3.30 P.M. by S.O. &  
Louis Dexter. They heard "thunder"  
call & this only once but distinctly.  
At the Farm I heard a Black poll,  
a Canada Warbler, a Swainson's Thrush  
& a Yellow-bellied Flycatcher (in rim)  
and a Nighthawk (perching) at evening.  
Evidently the migration moving to west.  
Baltimore Oriole alone. A few  
Hairy Woodpecker & a few Screech Owls heard  
17 Robins in wood shed left.

Spent day with Dutton & family  
on road to Barry farm. By long narrow  
very narrow about farm but as in  
woods. Very hot in afternoon.  
S.O. & Louis Dexter changed with W.  
walked to Barry's with at 2 P.M.

Concord

Ther

SUN. MAY 26, 1912

Wea  
- Fine

Clear and warm with light  
southerly to easterly winds. Evening  
delightfully cool & entrancingly serene.

Birds singing freely & joyously  
all forenoon on Farm & on Lake Hill on  
Ball's Hill. At Farm they do not seem  
to be so suppressed in least. I saw many  
of just these days. All over regular  
Summer residents (except Yellow throats  
& Bluebird) there in about usual numbers (Saw. Oriole)  
& in addition two pairs House Wrens.  
Of north bound migrants I heard singing a  
Black poll, Canada W. & Yellow bellied Fly.  
Walked to Rabbit place after breakfast.  
J.C. Malin, arrived at 9.30 & spent  
forenoon with him in park. Put  
cannon just after dinner & walked to  
Ball's Hill with me. I saw nothing  
new there. Walked to Pine Ridge, Pine  
Park & Holden Hill 6-7 P.M. Good evening

J.C. Malin arrived at 9.30 & spent forenoon with him in park.



Concord - Cambridge.

Ther MON. MAY 27, 1912 Wea Fine

Clear & pleasantly cool with light, bobbing S. W. wind

In Cambridge by 8.10 train. Green Heron passed here at 6.30. Saw the ♀ Sparrow Hawk circling & scanning over Poollen orchard as I walked to station.

When I reached my place in Cambridge a Bay-breeze Warbler was in full song in top of birch tree. Later he moved to birch & sang over all day long. His typical Teary-Teary-Tea song sometimes had a prolonged warbling ending next to me & not unlike that of Minutella's Summer Song. Only other birds about place were a Downy Woodpecker, Robin, Red-eyed Vireo, Blue Jay, 2 Singers & Oriole in distance N. E. Spent most of day in morning writing letters. In Harvard Grove at 5 to 6 am heard chattering flock of downy woodpecker. Called on being finished on way back. Saw a pair of downy woodpecker along Charles River. Should be

201 July 7  
Green Heron  
40  
Pohick  
Concord  
40  
at  
down.

Cambridge - Englewood

Ther TUES. MAY 28, 1912 Wea Fine

Clear but hazy. Warm with light southerly wind.

Took 10 a. m. train to New York. Arriving there on 3 last subway train to Manhattan. Chapman met me on Ferry. Crossing river we found his Buick car awaiting us & in it traveled about 20 miles revisiting many of his favorite woodland haunts & seeing much of that part of New Jersey. Heard a few Water Thrush in full song. Reached Chapman's new house about 6.15. Heard Thrushes & Robins singing. Pretty place with fine trees. Delia's dance 7-8 with Mrs. Phelps & her family. Miss Elliott as guests. I call night & come in later. After guests had departed the Chapmans & I sat up until midnight and had a good talk. They are both rather down in the mouth some performance



Concord.

Ther

FRI. MAY 31, 1912

Wea  
Stormy

Raining most of day, heavily at times with thunder & lightning. Cold with N.E. wind changing to N.W. & clearing at sunset

Birds singing feebly about Ball's Pond in early forenoon. There are not many settled here this year. On the hill

I now hear only a Red. <sup>an Owl bird</sup> ~~eye~~ & a Robin

In the swamp berries (2 or 3), a Chestnut-sided Warbler, 2 Marylands,

A ♂ Redstart singing near column to-day

No more heard singers save a Nighthawk heard at evening in Bassin's pasture

A Bittern jumped at frog-like intervals from 8.30 to 9 P.M. (night dark & cloudy)

Peregrine came this morn with 6 vireos & 4 spangled on Blackman ridge walk.

When rain drove him home. I

walked to farm in late P.M. & telephoned C., Chasby Carter & Davis

First Bull Frog following. No other Balaichino heard to day in night

Concord.

Ther

SAT. JUNE 1, 1912

Wea  
Fair

Clear & warm with fresh W. wind.

Silent Water Thrush on river bank, B.H., the only small north-bound migrant. Greater

Yellowlegs flew past column in late P.M.

Swamp resident birds singing delightfully all day & especially at morning & evening.

On or very near Ball's Hill heard several,

Robin, Song Sparrow, 3 Red-eyes, 1

Song Sparrow, Yellow Warbler, Green Heron,

Maryland M. Thrush (3 in swamp) Towhees,

Grackles, Oriole, Red wings (4)

Across river heard Red eye, Black thr.

Green W., Black-throated Green, Bobwhite,

Great Tit, Vireo, 2 Yellow-birds

Thousands of Dragon-flies appeared about dusk, filling the air like gnats.

Spent most of day across river with Percie's boat. Spangled thrush & on Blackman Ridge

Conecord.

Ther

SUN. JUNE 2, 1912

Wea  
Fine

Clear & very warm with  
balmy south west wind.

It was simply heavenly at  
Ball's Hill in early morn. with  
the cloudless sky, calm river &  
all pervading sense of peace & beauty.  
The birds sang like mad & the air  
rang with their music. It was  
the same as the Towns which  
Gilbert & I moved our belongings  
at 9 a.m. Later I had a friendly  
talk with Jowers & found him off.  
At 3 P.M. a Mr. Deering of Waltham  
came with his family to see the  
place. At 3.40 Jim Mahon  
came in his motor car & took  
me to Concord where we got  
Mrs. Mahon & called on Charlie  
Carter his wife & daughter. At 6 we  
met Dick Dana at the depot &  
took him first to Slippy Hollow & then  
to Town where he is to stay over

Conecord

Ther

MON. JUNE 3, 1912

Wea

Remon day with Dick Dana Fine

Early morning cloudy. Rest of day clear  
& just agreeably warm with light S.W. wind.

Spent entire day rambling slowly  
through woods & fields with R. H. Dana,  
the friend of my youth. It was for me  
a day of perfect companionship & sheer  
pleasure. He saw many interesting  
things & talked incessantly, ever with  
the most delightful sympathy & practical  
understanding. The afternoon was the  
most perfect time of all. The birds sang  
all day long & the country seemed alive  
with them. In A.M. we went to Bush  
Fields, Bush Hill, Davis Hill, Bush's &  
Hollow Hill; in P.M. we explored  
back to Masson's & finally through Barry Pass  
to Rattin from Sam's Pointed Little Log &  
came up in road across Barry's hill  
near Slippy Hollow in woods & had long  
talk with Mrs. Papp & her  
Henry in Spring & Forest

Concord.

Ther

TUES. JUNE 4, 1912

Wea  
Time

Sunny & warm with strong S.W. wind. Much less pleasant than yesterday.

Birds singing well in early morning but silent through much of day because, no doubt, of the turn-of-wind toward. Thus in about the Farm seemed all present despite the heavy & general spraying of yesterday & to-day. Not dead I miss any of them settled about Ball's Hill when the Blackmore Ridge was sprayed last week. Peter & his gony (6 now) worked all day on elms & oaks at Farm. Duran's team spraying on both side of Ball's Hill. I spent forenoon at Farm, afternoon at Hill. Dull Dana left in to return to Cambridge just after breakfast.

Concord

Ther

WED. JUNE 5, 1912

Wea  
Time

Brilliantly clear & deliciously cool with strong N.W. wind.

Very fine & dry. Very beautiful & warm to him some to dry.

Spent forenoon with Duran, Jeph & Baker spraying. We began in wood road leading from Birch Field to Benson's, continued along road from Ball's Hill over Pine Ridge & then took the line of oaks on west side B.H.H. when the sun spent rest of day. I returned to Farm for dinner and went down again in afternoon. It was very beautiful along river from of Ball's Hill. Looking in fallow stream in Pine Park, nesting spots there. Took nap in cabin & dandelion steady back to Farm on evening. Heard through us first song western side Birch Field. Bird land to barn for half hour. Only a family sound song.

Concord.

Ther THURS. JUNE 6, 1912 Wea Mixed.

Mostly cloudy with showers in afternoon & evening. Warm S. W. wind.

Spent forenoon at farm going about with Pat & Zeph attending to "lost things". Duren spraying oaks in Pulpit Rock woods until rain forced him to stop at 1 P.M.

I was with him only a few minutes. Birds not singing freely. I heard most of those to be expected at farm except Yellow-thr. Vireo & Cuckoo (all or all) of which I fear many have been poisoned by our spraying.

Walked to Ball's Hill with Pat at 2 P.M. Put away boat & canoe & started out next land on Pine Ridge.

Packed up river on evening. Two yellow iris flowers in river front of cabin. Only a few birds in song.

Several Bull Frogs chirping all evening. No old time cherry.

Concord - Cambridge

Ther FRI. JUNE 7, 1912 Wea Fine

Clear & cool with fresh N. W. wind.

To Cambridge by 8.10 train. At Arlington found that a great strike of Boston Elevated employees had begun.

Waited 10 minutes for a car. It was crowded when it came but I squeezed in. When we reached No. Comb. Junction

found a great crowd of men, women & children blocking the street. As our car went slowly through them they cheered and whistled, but offered no violence. Reached

our home by 9.30. Spent most of day in Museum & garden. Betsy called to

discuss appointments for next. Club Committee on A.O.U. reception. Saw Henshaw to get his letter sent in by Jack. Made a young man to offer no membership. Made of letters & documents for 30 the paper & 30 common \$25. in all. Called on Mrs. Jones & on Harry Fuller after supper. Greeted, had eye & Boston singing in garden.

at 11 am  
Cambridge  
Boston  
Spring  
of  
new

all the birds I noticed  
that  
they  
were  
singing

Cambridge - Glendale.

Ther SAT. JUNE 8, 1912 Wea  
Fin

Clear & very cool with brisk N. W. wind

Started for Glendale this morning by 10 o'clock B. & A. train. Because of the strike I drove to Trinity Court in a coupe. The street cars were out in fair numbers, however. Never before have I seen the country all along the railroad to Bealston so beautiful.

As a result of the copious rains of the past two months the fields are everywhere in perfect condition and the foliage most luxuriant. Where the streams & ponds are green as jade.

At Roxbury saw a Green Heron on wing over river. Reached Glendale at 2.30

Dan & Margaret met me at station, Mrs. Frank & Miss Banister on horse.

Dan & I walked about place & to over of him with notebook before supper.

Glendale

12 Ther SUN. JUNE 9, 1912 Wea  
Fin

Clear & very cool with strong N. W. wind.

Spent much of forenoon in woods behind studio writing on my favorite bench under the hunches facing the overhanging ledge, with Red Squirrels chattering & foraging and birds of many kinds singing, close about me. It is here with birds as with flowers that there is a large variety of species yet no great number of any one kind. I find one of a kind is ordinarily all one hears in any one place.

Mrs. Schumacher, her daughter Dorothy & daughter Lucy happened with us. He went to the pasture afterwards. Later Dan & I walked over to see Mr. Feltman and had a stroll with him in his pasture. Several just coming into bloom. The pink buds very handsome. Mr. & Mrs. Gantley & Jack Nelson were all happy. Spent evening in pasture.

Glenade.

Ther MON. JUNE 10, 1912 Wea  
Fair

Clear & cool with fresh W. wind.

Spent most of forenoon writing letters in hutch behind studio. Was with Dan for of time in studio watching his work on clay model of angel for N.J. country.

In afternoon he & I walked to Hedges farm & beyond. We flushed 2 female Partridges with broods of young and walked a long trail laboriously over the distance of a few miles in a wood path. Searched in vain for the fern plant with creeping stems. Although we had seen birds we find any nests in pond where we wish to be done. The down has crept away & the water has mostly left. The beaver is abundant & only found.

Glenade

Ther TUES. JUNE 11, 1912 Wea  
Fair

Clear & warmer with light S.W. wind.

Spent entire forenoon writing letters on my favorite bench under the hutch. Birds singing fairly all about me. A Broad-wing Hawk screaming on hillside above. A ♀ Hummingbird hovering about in a hutch nearly over me when I dropped them may be a nest. Dan & I walked most of afternoon in this same place, first fixing a gate, then clearing away a lot of bushes & small trees so as to fully reveal the face of a picturesque ledge. We were much annoyed by mosquitoes and by summer midges. Spent evening in park.

All last two pairs of Robins about corner of hutch. This season they Robins living under house eaves. Hatched after them fairly this morning.

Chas. B. H. This line all was done for me at Glenade.



Glendale

Ther

WED. JUNE 12, 1912

Wea  
Dull.

Early morning clear & warm. Rest of day cloudy & windy with distant thunder & one light shower here.

Spent forenoon on my bench & in studio working letters. At 4 P.M. Dan & I began work on a walk on his mountain side, working up to a clump of bushes. We kept on a few hours hence working with tools & hatching & clearing away a lot of brush. Spent evening in garden with family, reading & talking. The Thrushes are singing in the garden. I see Wilson's & Woodpecker, the house down calling, in woods behind studio but they sing very well on a new old one. The Woodpecker are singing freely.

Glendale.

Ther

THURS. JUNE 13, 1912

Wea  
Fair

Brilliantly clear and very cool with light N.W. wind.

Spent forenoon in studio writing letters and running the Victor phonograph for Dan's entertainment while he worked on his model of the angel. In the afternoon he worked for a couple of hours in the pine-garden pasture across the road. It has changed much since I first knew it, by the rapid growth of the trees. The only birds singing there this P.M. were a Wren & an Ovenbird. Some cranes are seen about young ones making a great clamor in pines. Spent evening in garden talking with Mrs. French.

Glendale

Ther

FRI. JUNE 14, 1912

Wea

Fine

Brilliantly clear with light W. wind.  
Heavy white frosts last night all over  
Berkshire Co. They did little damage  
in this neighborhood, however.

Spent forenoon on my favorite  
bench in the woods writing letters.  
Was there part of afternoon, also.

Went to studio across road to  
see a family of young Flying Squirrels,  
which Mr. Packer found about week ago  
in a heap of old buckskin rag buffers  
in corner. Saw two in this, one in corner,  
one under table. All four about 1/2

grown very pretty, darker colored than  
adults. One may know one would eat  
what Packer studied its head. They  
run up inside their papa as birds.  
Parents probably come to the house  
Mr. & Mrs. Vaughan & Dr. Schenck  
arrived in the P.M. to spend  
Sunday.

Glendale.

Ther

SAT. JUNE 15, 1912

Wea

Fine

Early morning sunny & warm.  
Rest of day cloudy & cool with  
strong S.W. wind & a light shower.

Spent forenoon in position  
writing letters under a big hollyhock.  
Saw several Woodchucks. One big one  
coming in from the open ground  
ran about thirty to forty feet of  
where I was sitting on a flat table  
before seeing me. Two young ones  
larger than Gray Squirrels were  
running about among & over rocks  
near me. When they came together  
they showed their teeth at each other.  
One stretched out flat on a rock in  
the sun & took a long nap.  
The woods behind studio swimming  
with Red & Chapman's Squirrels.  
One or two Gray Jays also.  
Dr. P. et. al. watched some smaller & gave  
at such a time to harbor.

Glendale.

Ther

SUN. JUNE 16, 1912

Wea

Stormy

Raining nearly all day. Wind S. E. Mountains shrouded in clouds & mist. Cool.

Spent most of day in house & studio, writing letters, talking, listening to the radio & piano. Margaret & her friends Mrs. M. M. Doughton, Dai & Charles Allen, Mrs. Reed & Jack Moran flitted from place to place & entertained us very graciously. A remarkably handsome Robin with wonderfully clear & perfect voice sang all day, sometimes in apple tree, often on ground in lawn.

Walking down road in late P.M. Dan & I saw a Deer (standing in cornfield at edge) which I saw up in park telling  
Barbara -

Glendale - Cambridge

Ther

MON. JUNE 17, 1912

Wea

Fine

Sunny & warm with humid S. wind

Breakfasting early & leaving the house at 7.45. Dan & I rode out on the Stockbridge through fruiting green fields plentifully bedecked with flowers.

We took 8.07 train to New York, I the 8.47 one for Boston. As I had so long to wait I walked out along the road bordered on both sides by meadows yellow with buttercups and also with striking Redstarts. Heard, also, Meadow Lark, Yellow Warbler, ~~Small~~ Flycatcher & Oriole & Pine wing. Saw the hummer

Mrs. Walter Foster by accident at Pittsfield. We journeyed to Boston together & had a good talk. Got home about 4.30. Plenty of ripe cherries & strawberries in garden. Ruth & Martha Deane with Walter called at 8.30. They stayed until 11.30. Walter had four of Spanish Hens & 3 young in pen in garden with them in day.

Cambridge - Wolfeboro.

Ther TUES. JUNE 18, 1912 Wea  
Time

Clear with strong cool west wind.

Took 9 a.m. train for Wino.

Arthur & started with me. We

were joined at Concord N. H. by  
Judge Bell. The teachers met us  
at Wino with a small steamer. When

J. H. Board arrived by 1.05 P.M.  
train we started across lake. It  
was a bit rough at first but finally  
smooth & very pleasant. We had

the usual pic-nic lunch on the boat.

Reached Wolfeboro at 3.30. Teachers

meeting 3.45 - 5.30. Sun present. Moral

formation by Dr. Dimes. Cooked & served

by our scholars in dining 5.45 - 6.45

Everything delicious. Gratitude exercises.

in lawn hall 8-10. Fine songs, beautiful

music. Everything very satisfactory. Prayers

ending in library 10.15 to 11.45.  
Only routine business. No friction.  
Everything harmonious

Big lot of  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes  
9 minutes

Wolfeboro - Cambridge

Ther WED. JUNE 19, 1912 Wea  
Time

Brilliantly clear & delightfully cool with  
light westerly & easterly winds.

Called on cousin Elizabeth in Lebanon  
at 9 a.m. At 9.30 the Teachers Association  
started up lake. Arthur, Gallinger, Haby,  
Dr. Scott, Sergeant & his wife, Mrs. Holby &  
her mother, Miss Ahearn, Moore, Spring,  
Mr. Fitch & Mrs. Merritt. We had a perfect  
day & a good time. Followed north side of  
lake many islands putting very nice  
Melvin Malloy. Landed and had a  
pic-nic lunch on rocky shore. Tule  
tree 2 ft through at end. Bushes,  
chestnut side W. - Blue & White Canyon drying.  
Saw fine water Bald Eagle. No water  
food. Captain says he has shot several  
Arthur, Gallinger & J. Board 4.05 train  
from Wolfeboro reaching Boston 8.20  
Gilbert went on at station -

Cambridge - Boston - Concord.

Ther "THURS. JUNE 20, 1912 Wea  
"Kicka" heard off B. H. Fine

Clear & rather warm. Light W. wind  
A Robin & a Red-eye singing in  
the Garden.

After breakfast went around with  
Percy. Billchiff & 5 men laying brick  
pavement behind house & museum.  
To Boston 10.30 A.M. At office  
11-1 and 1.30 - 4.15. Signed,  
quarterly disbursement checks, visited  
safely wanted to talk over coffee & drinks  
talked with Arthur, Darling, Galloupe.

To 4.51 train to Bedford & electric  
thence to W. Bedford. Crossed river  
to Ball's Hill. Walked over & about  
hill before supper & a "Kick" after it.

Beautiful bird music everywhere -  
Robins, Redwings, Swamp Sparrows,  
Song Sp., Catbird, Grackles, Jays etc.  
A 7 P.M. a "Kick" began coming by boat  
canal across river keeping up for 15 min  
Two Bellows pumping. Night Heron, Cuckoo.  
Flocks of Jays & Goldfinch in full chorus.  
Dove thrush in field.

Concord.

Ther FRI. JUNE 21, 1912 Wea  
- Fine

Clear & seasonably warm with  
fresh W. wind. Slight showers in late P.M.

Early morning at Ball's Hill very  
beautiful. Birds singing as freely as  
in May - a delightful chorus of them  
with Red-wings taking an chief  
part. Heard also Jays, Song & Swamp  
Sparrows, Veeries, Maryland Yellow throats,  
Pine, Black-thr. Green, & Chestnut sided throats,  
Green heron, Red eye, Solitary & Yellow thro.  
Veeries, Cuckoo of both species, Phoebe  
etc. At noon. & in afternoon pumped  
& Night Heron quarrelled. The latter one  
feeding on minnows left in wooden beds  
by falling water. There very few now.  
In Town in forenoon. Lots of birds  
there. Spent afternoon at Ball's Hill  
walking about etc. Edward & Mrs.  
Burrison called at 5 P.M.

Concord

Ther SAT. JUNE 22, 1912 Wea Fine

Brilliantly clear & just pleasantly warm (or cool) with light easterly to westerly winds. A perfect day.

Spent entire forenoon watering things about the cabin with a hose attached to our screw pump worked by Pat and Left. I managing the hose. There has been no rain here for over two weeks & again we are suffering from drought. After dinner I did more watering. At 5.30 I started out in an open canoe & paddled down to Birch Id. Never have I seen the river more serene & attractive. Birds singing gloriously. Night Herons frequently in flight flying up river to Great Meadows. Saw a Bittern with a Red wing's fluttering above his head. He threatened them with open bill & head did not retreat. Saw 10 N. Herons & 100

now at 8 P.M. grand chow Bull-Trap, from traps & 7 outside traps.

Concord

Ther SUN. JUNE 23, 1912 Wea Fine

Clear with light, balmy S.W. wind.

Forenoon - Walked around hill after breakfast - wrote letters in cabin. Melvin called & stayed an hour talking.

Birds singing well. Swarms of Dragon Flies in Afternoon. Nap after dinner. At 4 P.M.

started for Concord in open canoe. It was rather hot. I paddled slowly up against wind & current. Met Sarah & Jack Avinger & George Hayes & his family. Birds singing freely. 15 Song Sparrows, only 1 Bobolink. Assorted loony but water black as well yet turtles & fish breaking & a Kingfisher on water. Took supper with the

Evenings - Mr. Mrs. & Ellen. Started back at 7.45 & reached cabin 9.05. Half moon shining. 3 muskrats, an Ingham of Fished Pond water but only one Bull Frog (mouth Country, Mass) about Barns Hall. Shrike & quail are now in open fields. 1 Wood Thrush

Wonderful

## Concord.

Ther MON. JUNE 24, 1912 Wea  
Fine

Clear with light W. wind. Very warm.

Duren came down again & sprayed all day. I was with him most of time. We treated small infested areas lying near Ball's Hill. In late P.M. we went through Bush Field & also sprayed a few trees at the Farm. Most of my woods are in better shape than for several years past but conditions along road from school house to Berrens are deplorable most of oaks being completely stripped. Many crows are now fully grown.

Birds singing delightfully all day at Ball's Hill & in late P.M. at Farm. Splendid chorus of foxes around Bull Field at Ball's Hill.

## Concord.

Ther TUES. JUNE 25, 1912 Wea  
Fair

Forenoon sunny but hazy. Afternoon cloudy with light showers - not enough to mean, then long drowsy. Very warm all day.

Gilbert & I moved to the Farm at 8 A.M. I hated to leave Ball's Hill for it is most beautiful there now. The Farm is also very attractive. Spent forenoon walking in flower garden & talking with James. It was hot & sultry with few birds singing. Vegetation suffering from lack of rain.

At 1:30 P.M. Jim Melvin came in his motor car to take me to Ashby. Mrs. Melvin & Mabel (Burrill) Howe with him. At Ashby we visited a hill crowded with mountain Laurel 8 ft. high in full bloom. Finest thing I have ever seen. Returned via Fitchburg, Greenfield & Lancaster, Methuen & Haverhill. Arrived 8 o'clock & got back at 6:45.

Concord

Ther WED. JUNE 26, 1912 Wea  
Fine

Clear & hot with light S.W. wind  
changing to N.W. & cooler at evening.

Spent a rather idle & futile  
day mostly in house, because of  
extreme heat, writing letters &  
reading. Walked through berry  
patches & a. w. To was most  
attractive with a profusion of  
white roses and white carnations in  
faded bloom perfuming the  
warm air. A few blueberries  
already ripe. Strawberry season  
nearly over. Sarah Ames & her  
William came down at 5 for a  
bird walk. In our orchard we saw  
an ad. Annual Flycatcher & a young  
one too. Tailed blue bird likely from  
the nesting tree. Home through Brook  
field, Benning Lane & stay with the  
Bennett Petersons.

Concord

Ther THURS. JUNE 27, 1912 Wea  
Fine

Clear & cool with fresh easterly wind.

Gilbert & I started for B. N. at 8 AM  
Reaching it I began working from beds  
near cabin where Harry Richardson  
arrived alone, on foot. We spent entire  
forenoon tramping woods together investigating  
mole conditions. Visited Davis Hill,  
Holden's Hill, Robinson Ridge & woods  
on Barrett farm. The last named are  
rather badly infested & well well thicket  
along road to Barrett farm from school house.  
The whole river front region is but  
lightly infested & safe for this year.  
Everywhere the work is raging among the  
"Syls" & the fungus has decimated the  
Barn-tails. Found a town woodchuck  
2/3 grown on road & described his back  
with a white only 2' long. Myriads of  
Dragon-fly larvae everywhere & almost all  
waterways. Saw my first Celadon beetle.

Spent most of time with  
P. N. visiting with  
Wright through Berry Patch at evening



Concord.

Ther

FRI. JUNE 28, 1912

Wea  
Fine.

Clear & hot with fresh S.W. wind.

Spent entire day working with  
Leah & Pat. In the forenoon we  
chained a lot of apple trees at base  
of house; in afternoon set traps  
for grape vines and sprayed grafts  
with whale oil soap for Aphididae  
which are swarming now on fruit  
trees. Very few potatoes or raspberries  
this year. In late P.M. I strolled  
through Berry Pasture. Found a  
small land mouse & thieving colony  
of flying larvae as well along  
margin side close to pond. This  
strip should be sprayed with lime.  
Two House Wrens singing all day. Saw  
one with ♀ on top in Garden. Yesterday  
saw pair at top front of house.

Concord.

Ther

SAT. JUNE 29, 1912

Wea  
Fine

Clear & hot with light S.W. wind  
Cooler at evening with northerly wind.

Leah & I closed the farm house at  
6 A.M. and moved to Ball's Hill.

I walked down. It was oppressively hot  
in the woods yet birds were singing  
freely. I left the two House Wrens on  
top of house at the farm. On Ball's Hill  
when I reached it were singing a  
Tanager, Oven bird, Pine Warbler, Solitary  
Tanager, Red eyed vireo, Scrupful Warbler  
& stored a Vireo from his nest built in  
a tuft of stone crop by roadside within 10 ft  
of my stone corner house. Vireos singing  
delightfully across river at evening.  
Spent much of day working. In P.M.  
used the horse fly above cabin while  
Leah & Pat worked the big sewer pump.  
Went in canoe 5-6.30 going up to Dolans  
Hill. Ball's Hill covered with hickory  
trees.

## Concord.

Ther SUN. JUNE 30, 1912 Wea  
Fin

Brilliantly clear & deliciously cool with  
fresh N. wind: chilly at noon & ev.

Geo. V. Bennett came by morning train.  
I intercepted him at Mrs. Harris. We  
walked to farm, then through woods to  
Davis & Ball's Hill. After dinner we  
paddled in row boat up river to house  
where we made a long call. Jack & Sarah  
traveled at a Red-eye's nest within life of  
foetus window. It held a young Red eye &  
Candied both well fledged. Good bird getting  
most of food from Red eye parent. We  
unmanned him to box in shed. Got back  
to camp by 6. Walked over hill & across  
Benson's pasture. Birds singing with  
me. So called a lot of Crows by carrying.  
We had long talk by fire in column  
after supper.

## Concord - Boston - Cambridge.

Ther MON. JULY 1, 1912 Wea  
Fin

Clear & cool with light easterly winds.

Spent forenoon at Ball's Hill,  
putting things away, paying off the loan,  
writing bird notes in cabin. Red wings  
singing delightfully across river & over  
mossy hemlock, probably a Belton, in  
leaves. Jayager, Red eye & Solitary Vireo,  
Pine W. & Woodcock singing on hill. About  
cabin tree, lanced & perched in bloom.  
Walking to station with Bennett at 8 a.m.  
saw 2 1/2 Noddy's hovering in fullest song  
over Mrs. G. Harris meadow. I took 12.35  
train for Boston. Spent about 2 hours in  
some office. Reached home about 4.  
Found C. & S. R. S. Uren. Gilbert came  
at 5.30 bringing big Box Towhee found  
by Paul the other day. Mrs. Cobb came  
to tea with us on hall piazza. Garden  
discovering small Sparrow. Return by 11.30  
2 1/2 Goldfinches over meadow & a Blue Jay over

Cambridge

Ther

TUES. JULY 2, 1912

Wear  
Fine

Clear & cool with light W. wind

Spent day in Museum writing letters & checks for bills. In late P.M. C. & I went to Mr. Harris's garden and were shown over it by Mr. Harris himself who, seeing us looking over the fence came over & invited us in. His plum rose are just over the climbing ramblers, pink & red, are making a brave show. We found Alex. Horn in the house with Harry who is getting better.

Percy pulled half a bushel of Chermis to-day. They are attracting swarms of Sparrows & a few Grackles but only one or two Robins & no Crows here.

I heard a Kingbird & a Dove at evening. A Goldfinch & a Red eye sang all a.m. Only a few Mosquitoes now.

Cambridge

Office rec.  
Ther  
9.20, 65°

WED. JULY 3, 1912

Wear  
Fine

Sunny but heavy. Hot & humid.

Spent day in Museum writing letters. Called on Dr. Corbridge in late P.M. He came running down stairs to get me! Three young Screech Owls perched in a row on branch of Catalpa by museum disjunct of Percy this morning. They spent day there in dense shade of big leaves. They were fully grown & feathered. The mother, a gray(?) Owl joined them about 1 P.M. was gone at 3 P.M. & back again at 5 P.M. I heard the young calling late evening. They flew about garden this eve, in twilight. 4 Swifts circling over museum at 6.30 P.M. & Blue jays flying about all day, at least 2 of them young. White birds or particularly small individual seen. Jay calls calling garden land travelling all evening in front of a doorway with their tailfeathers

Cambridge.

Off. rec. Boston Ther THURS. JULY 4, 1912 Wea  
94°, 67° Fine

Clear & hot with light W. wind.

Spent most of day in Museum writing letters. At 5:45 P.M. C. E. R. S. & I were taken in Irving's motor car to Dally Club where we spent two hours, dining on the piazza & sitting under the big trees on crest of hill in a delicious fresh breeze. Towards the last there were fireworks to be seen in distance in many directions. A few Brown Grackles were the only birds I noticed.

In our Garden the family of Scrub Oats spent this day on same branch of catclaw. There was four young birds present then to day. The Blue Jay family (2 young 2 out) was very noisy & ubiquitous.

Cambridge.

Off. rec. Boston Ther FRI. JULY 5, 1912 Wea  
91.4°, 68° Birth-day surfeit party. Fine

Clear & hot with light W. wind.

Another intensely hot day followed, as with as preceded, however, by a comfortable night.

I spent most of day in Museum writing a few letters and looking over scores of them that I had written Henry Peck in past years & received back after his death from his sister.

About 3 P.M. I was summoned into the house where a surprise party, arranged by C. for my birth-day, awaited me. She had a big birth-day cake & 61 candles. Friends & neighbors present in which the hall was full. There were the Always, the Dreams, the Horace, the Cott. - Fullas, Mr. Downer, Miss Clappin. I took them out to see 4 young Scrub Oats in the lilacs. Later came

The Melvins with Molly and Harold's her husband to dinner on Cook's passage & stay until 10 P.M. Phyllis came, too. C. had dinner table decorated with flowers & coming by next.

Spent - thought to C. together

Cambridge - Lancaster.

Off. rec. Boston Ther SAT. JULY 6, 1912 Wea  
90°, 68° Black Squirrel. Fine

Clear & hot with light S. W. wind

Spent most of day in Museum working letters. Uncomfortably hot there. The mother Scree Owl again in Calalapa but all four young grouped most effectively on stump of old Peem apple tree at edge of jungle where they surrounded through forest. At 3 P.M. I visited bookshop in Harvard Sq. going down to No. Camb. to take 4.07 train over Mass. Central. Ther. 98° in station.

Car shifting hot & very dusty with clouds of cinders coming in through open doors & windows.

John Thayer met me at Lancaster & drove me to his home via the Parker's road. Just before dinner he called me out to see something on lawn 200 yds. below house. It seemed to be a squirrel as long as a Gray one but wholly black. It was his 44 g. shot gun & was flushed down slope. He raised his gun the black bird flew. At 40 yds. there could be no longer doubt that it was as black as a crow at once. It ran up an elm & shot at a worm it fell to ground & crawled up under by dog's fire. I checked this, first stepping to the el. & down the squirrel was

not in it. I determined his dinner was in days. his down the el. & down the creek. I checked this, first stepping to the el. & down the squirrel was

Lancaster

Off. rec. Boston Ther SUN. JULY 7, 1912 Wea  
98°-70° Killdeer Plover. Fine

Clear & hot with light S. W. wind.

I came to Lancaster this time for express purpose of seeing 4 living Killdeer Plover which have been haunting muddy stream John Thayer's duck pond past ten days. He shot a pair of them but saw 4 together afterwards & there must have been 6 in all, all apparently adults. He saw 3 there yesterday morning but we could find none today although we visited pond about noon & again at 6 P.M., walking all around the stream. Most of forenoon was spent in Museum to which we drove. Thayer showed me four native nests & sets of eggs Dend. C. carolinensis taken by him & Mrs. Parker in Lancaster (1911/1912.) That interest in P.M. We got up going to the Parker's & to Miss Holman's & sat in parlor. House was with heard of young, more heard 9 Robins on lawn. I'll check Robin voices early next morning I have heard this year. Spent some time on terrace. Can't hear them.

LANCASTER - CAMBRIDGE.

Off. Rec. Boston  
Ther 94.4°, 72°  
MON. JULY 8, 1912  
Wear Fine

Clear hot & humid with light W. wind  
Heavy thunder with a sprinkle or rain  
scarcely enough to lay dust, at 3.30 P.M.

Left house at 8. John Thayer drove  
with me to station. Herbert Parker  
in train. We talked whole way to No.  
Cambridge when I got off. Reached home  
about 9.20. Found C. in Museum at  
work with her type writer. I began  
my Umbagog task again at once &  
wrote a page of M.S. on Wood Duck  
Townsend called at 5 to look at *Plumigerus*  
Starks for Lube & Labeater next Thursday.

Scrub Owl family in Catalpa when I  
arrived this morning. 2 young nesting on  
nest. 1 young flew up from edge of nest  
in blazing sunlight 2 P.M. After breakfast  
to Catalpa looked by *Sturnella* & *Sporus*.  
C. read *Massachusetts* to me this eve. Walter  
& Nancy called 8.30 P.M.

CAMBRIDGE

Off. Rec. Boston  
Ther 99° 78°  
TUES. JULY 9, 1912  
Wear Fine

Sunny but heavy, slight W. wind  
Suffocating heat scarcely to be endured  
from 2 to 4 P.M., slightly more tolerable  
after night fall, at least out of doors.  
Despite it C. worked in Museum through  
forenoon. I had only two pp. for her  
and after they were copied added but  
little more although I tried to. After  
dinner my study was like a Turkish  
bath room & I could only write a  
few letters there. The Owl family  
was in the Catalpa at breakfast time  
but before 10 A.M. all the young  
had retired to the thump in jungle.  
Percy saw 5 at 2.5 Goldfinches in vegetable  
garden. One singing delightfully all day.  
Red-eye singing feebly. C. & I called  
on Mary & George Deane at 7.45. Found  
them on piazza. Mary has aged greatly  
Susan has almost begun. Her hair nearly  
white now.

Cambridge.

66 Off. rec. <sup>Station</sup>  
Ther  
97° 76°

WED. JULY 10, 1912

Wea  
Fine

Sunny but hazy. Light S. W. wind. Thunder without rain at 3 P. M. Continued stifling heat about the worst I have ever known & very hard to bear. This day & evening about the worst thus far.

Spent most of day in Museum working on Wood Duck article & making little or no progress. Dr. Roumanie of Boston & Mr. & Mrs. Walker of Concord Ref. dined with us on table for a while.

5 ♂♂ Goldfinches in fullest plumage flying about our Garden & jungle singing like mad much as they did two years ago.

Scrub Owl family in catalpa through day, in evening twilight scattered about Garden flitting to & fro among trees like so many ghost birds. The place seemed full of them. Scrub Owl I saw 1 seen over on hill. This about 7:45.  
C. read "Moose" to me this evening.

Cambridge.

11

Ther THURS. JULY 11, 1912

Wea

91°. Heavy rains at last.

Mixed

Morning sunny & as hot as usual up to about 11 when a heavy thunder shower began. It was followed by another at 1 & by a third about 3.30 after which it rained continuously until dark. Altogether we have had a tremendous downpour & perhaps enough for a while. The temperature has fallen considerably and for the first time since July 2 our house is fairly comfortable to-night.

C. walked through forenoon and I all day, in Museum. I did a little better than yesterday, achieving 2 pp. of M. S. on Air. Old Scrub Owl in catalpa, 4 young in grape arbor, up to 10 a. m. Failed to keep track of them later. Two Dragon Flies with white bodies hanging about pond all day. Garden Towhee (as above) trailing their company this evening (8.10). Never before have I known them sing so late in year. C. read "Moose" to me this evening. It is the best story I know of the world.

# Cambridge

Ther FRI. JULY 12, 1912 Wea  
74° max Fair

Forenoon cloudy; afternoon sunny.  
Very cool with light N. wind.

Spent day in Museum working on  
Wood Duck article & making poor progress.  
C. type writing all forenoon chiefly on  
the copy of her 1909 journal.

Through forenoon the mother Screech Owl  
was in the Catalpa, three of her young were  
in grape arbor. At 5 P.M. all four birds  
had disappeared & I looked for them in vain.

Red Eye & Goldfinches singing nearly  
all day. Two Garden Larks trilling  
incessantly from 8 to 10 P.M. & chattering  
all night. Near here I know Larks  
sing louder or more freely in April than  
can be made! 3 Swifts are coming.

C. & I called on Dr. Coolidge at 8 P.M. &  
on Margie & Walter later.

# Cambridge - Concord.

Ther SAT. JULY 13, 1912 Wea  
Fair

Clear & cool with fresh W. wind.

Cambridge. Robin, Red-eye & 2 or 3  
Goldfinches singing, Kingbird calling,  
Jay screaming, 3 Swifts circling & trilling.  
3 young Screech Owls in birch over arbor,  
their mother in Catalpa, still showing.

No other birds, except Sparrows, in Garden.  
Two fresh water lilies in pond.

Worked all forenoon, & up to 4 P.M., on  
Wood Duck article. At 4.30 I started  
for Arlington in Concord. Got in Ketch  
who arrived this morn. went with me  
but returned. I took 5.00 train for  
Bedford & trolley car there to W. Bed.

Walking down R.R. heard singing a Song  
Sparrow, Meadow Lark, Bobolink, Redwing  
& Phoebe. Bobolinks in full song & Phoebe  
walked about Ball's Hill & by Penn Park  
before supper. Yellow bell Cuckoo, &  
Phoebe & Red-eye & Bobolink & Lark



Concord

Ther SUN. JULY 14, 1912 Wea  
The Ketcher again. Fair

Forenoon cloudy, with light rain.  
Afternoon sunny. Warm with fresh S.W. wind.

Spent most of a.m. in cabin  
writing letters. Ketcher in full cry  
near boat canal at 8.30 & again  
at 11.30. Two Towal whistling  
near Roubi's camp. Veris very  
delightfully. Several Cuckoos.

Paddled up river at noon. Head  
ba. Rain in lagoon. Pickett went

white water lilies at very best.  
lilies very numerous & of largest size.  
Edges of river perfect flower garden.

Walked to farm after dinner.  
Dear flies very bad! Gyp wing nests  
fly up & lay in numbers but

not see them tonight. Birds singing  
well. 2 ♂♂ House Wrens, ♀ feeding  
young in box in garden. 3 Redeye

Birds, one Green Finch, many Redeye.  
Enormous crop of large Blueberries  
in our pastures, many dead.

Back to cabin by 7. Henry Richardson  
& S. A. Taylor came to dinner & had story

Full cream Milk & Sugar 7. Eggs all sunny

Cambridge.

Ther MON. JULY 15, 1912 Wea  
Fair

Sunny but hazy & at times cloudy.  
Warm & humid with S.W. wind.

Returned to Cambridge by 8.10  
train. Talked with Jack Ains  
most of way. Got to Ketcher at one  
hour when I reached it. She left  
for Lancaster before noon. I

worked all day on Head Dike.  
made making fine progress with

it. C. type. writing a letter  
forenoon. He called on Dr. Coolidge

after supper, spending half an hour  
there. He is wonderfully bright &

enthusiasm, despite his 94 years.  
Mrs. Coolidge faith & feeling.

4 juv. Screech Owl in arbor in a.m. &  
3 in P.M. Neither nest to be found.

Robin & Goldfinch singing, Kingbird  
& Blue Jay calling, Swifts humming.

Soberated about 30. Dr. Taylor at noon

Cambridge

TUES. JULY 16, 1912

Wear  
Fine

Raid in garden today. Found 4 birds in garden today. Found 4 birds in garden today.

Sunny, hot, humid. Slight  
Thunder at 2 P.M.

Mother Owl in Catalapa all day.

Looked for young in vain in forenoon.

At 2 P.M. nearly stepped on one sitting  
on ground in middle of garden path in

full blaze of sun. It snapped at me & then  
flew into grape arbor. Two

minutes before this when Pray & I came  
up the walk it was not there. A few

minutes later he found the other than  
young in cherry tree behind museum, a

new roost for them. Probably the first  
bird had descended from a fork

of the chimney, Robin, Red eye & 2  
Goldfinches singing. Blue jays walking  
together at 8 a.m. 3 Jays at evening.

Spent day in Museum working on  
Wood Duck series. C. type working in desk.  
We called on the Howard after dinner  
& found all three carrying their flowers.

Cambridge

WED. JULY 17, 1912

Wear  
Fine

Ther  
70°, 67°

Clear & cool with light E. wind.

Mother Owl in Catalapa all day.

4 young seen in grape arbor by  
Pray at 8 a.m. They were not there

after 1 P.M. when I looked for them  
there & elsewhere in arbor. At evening I

saw one flying about. A Robin,  
Red eye & Goldfinches singing, a

Jay screaming, Jays walking.  
One flower garden is now about  
in full bloom.

Spent most of day in Museum  
working on Wood Duck series.

Prayed about at Museum & came  
at 5 P.M. C. & I started in evening

for Brookline to do chores day but he  
had been taken by his lawyer.

Now Hutton called at 8 P.M.

Saw 4 birds in garden today.

# Cambridge

Ther THURS. JULY 18, 1912 Wea  
Rainy.

Cloudy, warm & humid. Heavy rain in afternoon and again after dark, & later still almost a deluge.

Only a Red-eye singing in Garden. One young Screech Owl all day in Catalpa, red parrot with other three in very top of cherry tree - a new arrangement. Geo. C. Deane tells me he has this lately seen two or three young at corner Sparks & Bowen Streets, flying out & back over street as if after flying insects. This in evening twilight. He also says a pair of Kingbirds have hunted his family from this June.

Spent day in Museum working on Wood Duck sketch & writing only a single news page of the S. C. Typing in AM. We called on George & Henry Deane this evening, they in half an hour.

# Cambridge

Ther FRI. JULY 19, 1912 Wea  
- Fine

Brilliantly clear & deliciously cool with strong N.W. wind.

A Red-eye & Goldfinch singing & a Flicker calling, in Garden. Crow Blackbird on lawn. Old Screech Owl in Catalpa, 4 young in top of cherry tree when there were yesterday. Kingbird & Swift heard. No signs of any arriving migrants as yet.

Spent day in Museum working on Wood Duck sketch writing almost 2 pp. C. worked in forenoon. She has very disturbing news about Minnie who is in Liverpool & under some treatment. Dr. Goldthwaite came in P.M. to advise with her about it. I had a call after supper from a Prof. Keyes of Cornell College, Mt. Vernon, Iowa, interested in birds, a writer for the Condor & apparently a fair fellow.

Cambridge. Concord.

Ther SAT. JULY 20, 1912 Wea  
Charles River Marshes. Fine.

Clear & cool with fresh S.W. wind.  
Crows singing a little at sunrise.  
Old Screech Owl in top of Cherry tree.  
Four young in arbor at 7 a.m., after  
9 a.m. high in birch over it.

Visited Charles River Marshes this forenoon  
(9.30-11.30) with Walter Deane. They  
are in interesting state of transition.  
between salt & fresh as the flora is  
consequent. We found a surprising amount  
of variety of birds among them: 4  
Swamp Sparrows, 2 or 3 Meadow Larks  
& Field Sps., 6 Red wing (1/2 + 1/2), 30 +  
Crows, Bluntbills (4) Kingbirds, 12 + Swifts,  
1 Kingfisher, (5) Sparrows, Hawks.  
There were 17 Black Ducks in company  
flats swimming in the river. Heard  
a Pheasant crow their was a bridge  
piggy back (stick on poplars or of grass).  
at least 3 or 4 Song Sparrows in full song  
along edge of marsh. Its chicks swimming  
with mother. Larvae yet in down  
many small fish at their mouths &  
big ones rising in the river. Dragon flies  
everywhere by swamps (several species)

Took 2.08 train at No. Cambridge for  
W. Bedford. Walking down railroad bank  
(4) Kingbirds & heard Red wing singing.  
30+ Robins circling and shadows by  
front house. Crossed to Balls Hill,  
visited flower beds & bank down river  
almost to Colville bridge. Button bushes  
in full bloom, peaches just set.  
Back to camp by 6. Walked to Pine Park  
& Bogart meadow. No birds singing  
except Song & Swamp Sparrows & Red wings.  
Blue jays hopping lustily after dark

Marsh War singing at Red Mt.

Concord.

Ther SUN. JULY 21, 1912 Wea  
Stormy

Raining all day very heavily in  
P.M. washing roads & flooding hollows  
in fields. Wind S.W. to S.E. Cool.

Spent forenoon at Balls Hill.  
Strolled about a little under umbrella  
& wrote letters in cabin. A ♂ Sharp-shin  
& a Brown Marsh Hawk flew across  
river meadows; both pursued by Red wing.  
Only birds singing Red-wings, Song Sparrows,  
Swamp Sparrows & Red-eyes. Tracks  
of doe & small fauna in Pine Park.

Walked to farm and retiring at 6.30.  
Despite terrific downpour, after blin  
heavy thunder storm, I kept out some  
morning P.M. Saw almost no birds  
saw a ♂ Towhee (full red tail), Kingbird,  
& Crow. Robin on nest. Tracks of Coyote  
in orchard. Gypsy huts, long up by  
thousands in Birch Field, Song Sparrows.  
He has taken a form of Sparrow.

Concord - Cambridge.

Ther  
78° 56°

MON. JULY 22, 1912

Wea  
Fine

Clear & cool with fresh N. W. wind.  
Very little singing in early morn  
near cabin. Heard only a Red wing  
or two, a Song Sparrow & a Swamp Sp.  
Green Heron flew past calling.

Wonderful show of water lilies.

Returned to Cambridge by 8.13  
train and spent day in Museum  
working on Wood Duck article  
now practically finished. C.  
worked through forenoon.

Living got back from Peterboro on  
Saturday. She looks older than ever.  
Water called at 5.30 P. M.

staying an hour. C. & I called  
on Dr. Coolidge at 8 staying half  
an hour. Picked up Harry Spelman  
on way back & brought him in.  
He stayed until 9.30.

Cambridge.

Ther

TUES. JULY 23, 1912

Wea  
Fine.

Brilliantly clear with high N. W. wind.  
Very cool with a frosty tang to the air  
at morn & eve. According to a news item  
in the Transcript the mercury stood at  
22° Fahr. at Caroga Lake, N. Y. at 5<sup>th</sup>  
morning.

Two Humming birds with white throats  
in the Garden at 8 A. M., the first seen  
there this year. A Red-eye singing  
bravely about sunrise. A Robin on  
lawn. Old Screech Owl & I going in  
top of cherry tree. King bird calling.  
Faint chink of jutting Bobolink heard  
at 9 A. M. No other birds noted.

Spent day in Museum working on  
Woodcock work. Wrote account of Redhead  
(draft) & two pp. on Swamp Duck.  
E. R. S. & I went to hear Mr. Copeland  
read Sheridan's "Critic" this ev 8-9.30  
It was perfect, & with

Cambridge.

Ther

WED. JULY 24, 1912

Wea

Fine.

Brilliantly clear & deliciously cool with fresh west wind.

One young Owl in top of cherry tree, two young with mother on stump in jungle. Red-eye singing at sunrise in feebly staccato. King bird heard later. No other native birds noted except a Blue Jay, screaming loudly at intervals thro' forenoon.

Spent day in Museum working on Greater Scorp article. It went well in forenoon, badly in afternoon, & was finished by supper time. C. & E. R. S. read aloud from "Secret Garden" (a charming story) this evening.

Gilbert came at usual time this morning but did not feel at all well & some hours home.

Cambridge.

Ther

THURS. JULY 25, 1912

Wea

Fine

Clear & Cool with light N. wind

Three young Owls in top of cherry tree. Percy found another that I did not see, in the jungle.

They leave this day perhaps soon after & down to the beach. Several more.

Red-eye singing at sunrise, Robin at 8 A.M. & towards sunset, both in nearly full voice. A Kingbird calling to one Swift calling by the overhead. These were all the birds I noted except Grackles heard somewhere in the distance.

Spent day in Museum working on Greater Scorp article & finishing a (only two h.s. pp.). C. walked at 8.11 She & I called on Dr. Conley after supper & later she read to me from "The Secret Garden".

## Cambridge.

Ther

FRI. JULY 26, 1912

Wea

Fine

Sunny but hazy. Cool with scarce any wind.

Little or no change in Garden bird life. The same Robin & Red-eye singing, the same Jay screaming, the same Swift whistling overhead to day as yesterday & the day before. As for the Oule the old red one with three young spent forenoon in top of cherry tree. At 7.30 a.m. Percy found the three young in grape arbor. At 6.45 P.M. they were scattered about low down in birch grove apparently watching for prey.

I worked all day in Museum writing an account of King. Took lunch & nearly finishing a. C. worked all forenoon. Gilbert back this morning. Lois Home came at 6.45. We skinned her the Oule. She had supper with us on piazza & stayed until 8.45.

## Cambridge-Concord.

Ther

SAT. JULY 27, 1912

Wea

Fine.

Clear & cool with fresh N. W. wind.

Four young Screech Owls close together in tree in jungle (a new station) at 8 a.m. Mother not found. Young now show well-developed "ears". One bird looks strongly reddish, the others gray. Red-eye singing, Blue Jay screaming.

Gilbert & I took 10.05 train to W. Bedford. Started a Belline at road. Weeded flower beds before dinner. 3 Red Hummers & 2 Hummingbird nests about the flowers. Mr. & Mrs. Woods of Concord landed & lunched on hill. Pat has not been seen since Monday.

I worked most of P.M. with Jeff & Benson trimming trees along road over Pine Ridge. At 6.30 walked to Backwell meadow & Pine Park. Song & group Sparrows singing freely. No other bird in song. Vireo calling. Bush 7.45, 8.45, 9.45

Concord.

Ther. SUN. JULY 28, 1912 Wea  
Fine

Clear & warm with fresh W. wind.

Phoebe singing at day break,  
3 Song & 2 Swamp Sparrows along  
river in forenoon, Red-eye (furry) 9 a.m.  
Indigo Bird, House Wren & Robin  
at Farm 5 P.M., Grass Finch, 6.30.

Spent entire forenoon investigating  
mud conditions, both the region.  
afternoon similarly on way to &  
at Farm. Results noted in back  
of this diary. At Farm pulled  
3 lbs. crop berries & had with James  
who has bought farm at Scammon.  
Henry Bonner brought in &  
checked on birds. Went through  
Berry Pasture. Great crop there.

Saw another Calosoma beetle (very likely  
in Prescott pine). Returned to  
camp 6, way of Ketchikan place & Bonner.

Concord - Cambridge.

Ther. MON. JULY 29, 1912 Wea  
Rainy.

Cloudy & sultry with a heavy  
showers at morning & evening and  
drenching rain between times.

Gilbert & I returned to Cambridge  
by 8.10 train. Pat awaited us across  
the river. He had been drunk since  
last Monday & looked it but had  
sobbed off & was tearful & penitent  
& wanted a few more dollars, which  
he did not get. The rain began at  
Beltington. It poured us down us got  
off the car at Spaulds St.

I spent day in Museum beginning  
Biffle heard article & writing 2 pp.  
C. typing as usual. She finished  
reading The Secret Garden this eve.  
It's a charming story.

Two young Ouths took in Cambridge, a  
third in Cherry. The other 2 nestlings  
not seen to-day.



Cambridge

Ther ... TUES. JULY 30, 1912 Wea  
Fine

Clear & comfortably cool.

A Red-eye singing rather well  
in early morning & a Robin in really  
fine & continuous song in late afternoon.  
Also heard a Flicker shout feebly.

Mother Screech Owl spent day in Cherry  
& 2 young in grape arbor. Whole family  
in sight at once about 7.15 P.M.

flicking about in birch grove with  
interesting freedom & alertness. Still  
no sign of any south-bound migrants  
since Hummer & Bobolinks on 23<sup>rd</sup>

Spent day in Museum working  
on Buff-breast story & finishing it.

C. copying in forenoon. She lunched  
at Union Club with May Cunningham.

C. & I went down to hear Copeland  
this evening. He considers Vandy Fair  
Thackeray's best work & Puck with Dickens's

Cambridge

Ther WED. JULY 31, 1912 Wea  
Dull

Chiefly cloudy with ~~thunder~~  
showers hovering about & a  
few drops of rain from one of them.

Red-eye, Robin & Goldfinch  
singing well. ~~Chick~~ of juncos  
Bobolink heard overhead at 1 P.M.

Swift heard towards sunset.  
Mother Owl in Cherry, two young  
on old Porter apple stump. The  
other two were found. Walter  
here to see them at 7.15 P.M. but  
they were apparently all gone elsewhere  
there although we saw 2 at 6.30.

I spent day in Museum working  
on Old Square story & nearly finishing  
it. C. copying all forenoon. E. R. S.  
returned from Square Ball. Walter &  
supped with us. Harry Spurgeon could

## Cambridge.

Ther THURS. AUG. 1, 1912 Wea  
Dull

Cloudy & cool, Very dark in a.m.  
Thunder shown middle last night

Bird life increasingly meagre in  
Garden. Only a Robin, 2 Blue Jays  
& 3 Screech Owls there. The day with  
a Kingbird & 7 Swifts at sunset.

The Robin was in full song for half  
an hour (6.15 - 6.45 P.M.)

Owls. Red parent in top of cherry right  
of walk, 3 young lower down in cherry  
by Museum. This this day. At 7 P.M.

I could find only one, a young bird.

Spent day in Museum working  
on Umbagog. Wrote account of Ruddy  
Duck, 2 n.s. sp. only. C. type of eggs

see forenoon. She & I went to  
Emerson Hall this eve. to hear Mr.

Went read from Peabody. He  
did as usual. He then walked back with us

## Cambridge.

Ther FRI. AUG. 2, 1912 Wea  
Fair.

Partly cloudy, partly sunny,  
with back showers in P.M. Cool.

Robin singing at noon & eve, Jay  
screaming, 2 Swifts high in air,  
3 young Owls in easternmost cherry,  
a new place. Belbird found one of  
them in the tool house, perched on a  
ruler handle, yesterday afternoon.

The birds just mentioned were only  
ones in Garden to-day. Where are migrants?  
such as Water Thrush, Ovenbird, Minutella?

Spent day in museum at Umbagog  
task. Wrote account of Snow and  
Blue Goose about 3 n.s. sp.

To Square for hair cut 5 P.M. Walking  
back heard 3 Robins singing well,  
one near Dr. Devers, one in Episcopal  
Seminary grounds, the third the one  
near Taber's. Very warm  
Came out on Russell & Ball. Saw 1 Robin & 1 Swift

Cambridge - Magnolia - Concord

Ther SAT. AUG. 3, 1912 Wea  
Fine

Clear & cool with fresh  
S. W. wind.

3 young Owls in cherry tree  
this morning. Robin singing  
Jay screaming.

Went to Boston at 8.45 &  
took 9.35 train for Magnolia  
where I was met by Miss Allyn  
her brother Sam (whom I had  
not seen since we were boys) &  
Mrs. John Henshaw. They took  
me around there to Miss Allyn's  
house where I met Miss Dalton  
& Mr. Bolton & John Henshaw.

Sat up fire & had long talk with  
Sam Allyn especially. Delicious dinner

at 1. Returned to Boston by 3.05  
train & started for Concord at 4.01  
Tolly from Bedford on. Arrived  
at Concord Green Ferry bridge  
and took 7.08 train

Concord.

Ther SUN. AUG. 4, 1912 Wea  
East of the Jameses Fine

Sunny but hazy. Cool with light W. wind  
Out in canoe just after breakfast.

Started at Green Heron. Bobolinks  
chirping. A few Song & Swamp Sparrows  
singing well. No other birds in song.  
No Red wings seen. Several King birds

I spent rest of forenoon in woods  
on Blackman Ridge marking traps for  
catching. Red should Hawks screaming.  
Saw two (one male & a D. virens).

At 2.30 P.M. went to farm in  
Caledonia on with father & spent  
afternoon there. Mr. & Mrs. James  
leave in morning. We had friendly party  
for Mother's canoe & stayed 2 hours.

Flowers & garden a blaze with color.  
 chiefly from Jimmie & Prof. Mary's  
house. I saw in the neighborhood. Four  
kinds of birds nests there. Only bird heard  
singing was a Song Sparrow. Walked  
back via Birch Field & Pine Hill  
Merry crowd on road in P.M.

Concord - Cambridge

Ther

MON. AUG. 5, 1912

Wea

Fine

Clear & cool with light W. wind.

Song & Swamp Sparrows and a Meadow Lark in full song at 7 a.m. within hearing of cabin. Near it in maples by river heard a Minnetta singing feebly & saw a ♀ Red start & 4 Crows together, 2 bathing at once.

Leaving Ball Hill at 7.40 I collected a little bunch of water lilies & then walked to W. Bedford Station where J.C. Melvin met me with his motor car and took me swiftly to Cambridge via Bedford, Lexington, The Willows, Waverly & First Pond.

Spent day in Museum working on Underdog M.S. Tried to write up Canada Goose but did on a M.S. page of poor stuff. Saw old Owl in Army tin. No other birds noticed in Garden. C. & E. R.S. read aloud to us in hall this evening.

Cambridge

Ther

TUES. AUG. 6, 1912

Wea

Fine

Sunny but hazy; cool; calm.

Renewed bird life stirring in Garden. Heard there a Robin in full song, a Flicker shouting long & loud, an Oriole calling, a Jay screaming. Saw a Hummer with white throat at cardinal flowers & 7 Swifts careering overhead at sunset. Only 3 Owls seen, the red adult in one cherry tree, two young in the other next it.

Spent day in Museum working on story of Canadian Goose & writing nearly three M.S. pages. C. typing (chiefly her own journal) through forenoon. With Harry we went tonight to College Yard to see Macbeth by the Coburn players. It was very good. Ruth Deane came from Scarborough 4 days.

Cambridge.

Ther

WED. AUG. 7, 1912

Wea

Fine

Sunny but hazy. Warmer but yet comfortably cool.

Robin singing well at noon & eve.  
Goldfinch in full song. Yellow Warbler,  
Owl & 2 Red eyes vociferating about  
Screech Owl in catatops. 2 Jays.  
3 young Screech Owls widely scattered,  
2 in different parts of jungle. The third  
appeared at noon in blinding sunlight  
on cement rim of pond in front of  
Museum, belly alert with eyes wide open,  
bobbing his head. He seemed about to bathe  
but a Robin darted down at him & he  
flew up into the catatops.

Spent day in Museum working on  
Whistler. Began Whistler story & wrote 3 pp.  
Ruthven Deane dined with us at 7.  
Spent evening. We had a grand talk.

Cambridge.

Ther

THURS. AUG. 8, 1912

Wea

Fine

Clear & just agreeably warm with  
light southerly wind.

A Robin singing well at noon  
& eve, a Red eye singing brilliantly  
at sunrise, a Screeching Jay & three  
members of the Screech Owl family were  
all the birds noted in our garden.  
The Owls were scattered. One being on  
the lilacs, another in jungle, the third  
(the old red bird) in top of cherry tree.  
I showed them to Ruthven Deane  
who called at 4 P.M. & stayed an hour.

C's type writer checked in big museum  
room through forenoon. I worked almost  
all day on Whistler story working no  
less than 6 pp. of M.S. but taking most  
of the matter from my note books.  
Heard first Tree Creeper in garden this  
eve. = a later date than usual for the first

## Cambridge.

Ther

FRI. AUG. 9, 1912

Wea  
Fine

Sunny but very hazy. Comfortably warm. Light S. W. wind.

Red-eye singing a little, early morn.  
Robin in full song, morn & eve.  
Jay screaming, Quail chattering & building,  
Swifts heard at sunset. Then young  
Scrub Owb, one in top of cherry, two  
together in spruce in yard - a new  
place for them.

Spent day in Museum working  
on Golden-eye story. Wrote only 2  
ft. of m.s. C. copying all forenoon.

Called on Dr. Coolidge this  
evening staying half an hour. Went  
thence to the Deans' where I had  
another good talk with Ruthven. As  
I sat with him, Walter & George on  
the front balcony, at sunset as if  
by good times that cover both

## Cambridge-Concord.

Ther

SAT. AUG. 10, 1912

Wea

Sunny but hazy. Rather warm &  
breeze yet a comfortable day. Wind S. W.

2 ad. ♂♂ Baltimore Orioles in very  
brilliant plumage, together in rear  
cherry tree by Museum. I did not see  
them touch the fruit: 2 Jays made  
great outcry about young Finch (nest,  
(the only one we could find to day)  
in top of cherry. A Robin bathing in  
pond, a Red-eye scolding & a  
Goldfinch calling. All these in Garden.

Spent aft. in Museum writing  
letters. Mr. Dyke of Bridgewater  
came by appointment at 2 P.M. bringing  
4 Sw. Widgeon & a Hudson's Gull, all  
shot in Bridgewater, Mass. Has stopped  
with 4. Pleasant fellow. Showed  
took 5.01 train to Bedford. Perry  
went up called & heard Adams  
ready for him & a good supper.  
A Song Sparrow song was on way

Concord

Ther

SUN. AUG. 11, 1912

Wea  
Mixed.

Heavy rain in forenoon with distant thunder. Afternoon sunny. Warm & humid with strong S. wind.

Spent most of a.m. in cabin writing journal notes. Walked around & over hill after rain ceased at 11. Good many flycatchers flying & laying as brightly near cabins. Heard Song Sparrow sing once. Jays all silent. Deer flies gone & few mosquitoes left.

Spent P.M. at farm walking up & back. Then stalks Chickadees with one in Puterbaugh's pine saw

♀ Indigo & several young, 1 young Chestnut-sided, 2 Blk. thr. Green & 2 Cowbirds. Flower garden at farm ablaze with Phlox & Fuchsia. Young Hummer there.

Saw at least 10 big loads at summit of hill over in middle of day in S. wind

Concord - Cambridge.

Ther

MON. AUG. 12, 1912

Wea  
Fine

Clear warm & humid - a rather uncomfortable day with light S. wind.

Crossed river at 7.45 getting down water hills on the way & stopping a while at the boat canal. Took 8.10 Train for Arlington & reached home at 9.20. Spent day in Museum working on White's story & writing 3 pp. mostly completed from journal. Frank Manning arrived at 6.30 to take supper with C., leaving me on back piazza. He stayed until 8. Harry Spurren came at 8 & left at 10.

A Robin in full song in garden in late P.M. & a Goldfinch earlier. 4 Swifts at sunset. Blue Jay singing. Grackles heard 3 young Screech Owl on house pipe trail in front of house. Owl hooted at 7.20.

Cambridge - Boston

Ther TUES. AUG. 13, 1912 Wea Fine

Sunny, warm, humid; light S.W. wind

Robin & Red-eye in nearly full song, Oriole singing busily, Kingbird chattering, Flicker calling in early morning. At 9 a.m. saw 12 Crow Blackbirds & 4 Robins on our lawn. Swifts heard at sunset; 3 young Owls in bowest corner of yard in jungle all day, Cicadas frying in hundreds. Weather suited. Wrote letter until 10:30 & then went to Boston. At office saw Arthur, Gallen & Darling. Visited safety vault & took out mortgage certificate & exchanged for new one at Guaranty. Filled in Special Meeting And. Soc. at Bos. Soc. 2:30. attended by Mrs. Kimball, Mrs. Hall, Mr. & Mrs. Robinson, Allen, Tolson & Child. We went to camp of Packard for ten weeks at 25 per week of three days. Found attended to regularly & descent from camp & Mrs. Kimball. Some feeling & distress.

Spent 1/2 hour at Athletic Club & got down on 6. High strand & looking over

Cambridge.

Ther WED. AUG. 14, 1912 Wea Mixed

Warm & humid. Partly sunny, largely cloudy. Heavy thunder shower in A.M., light one in P.M.

Robin & Red-eye singing fairly well about sunrise. Kingbird, Jay, Oriole, Flicker & Downy Woodpecker heard later in day. Crows making a great cawing outcry very near home not long after day breaks. Three young Owls spent day together in blue spruce in jungle. The old one on her former perch in top of cherry tree.

I devoted myself to my customary task from 9 a.m. to 7 P.M. yet produced only two H. of M.S. E.R.S. went to Green Harbor for the day to see Gary Simmons & family



# Cambridge.

Ther THURS. AUG. 15, 1912 Wea  
First Yellow bellied Flycatcher. Mixed

Forenoon clear & warm but dry.

Afternoon cloudy with light showers.

Before rising this morn. I heard a Robin & Red-eye singing, a Crow cawing, a Kingbird & 7 bells calling. At breakfast time saw an Empidonax in lilacs. Just after breakfast found it in a juniper & had a dozen good views of it identifying it as beyond question E. flaviventris. It was very

tame, if a bit timid, allowing close approach, yet keeping much among shrubbery & dense foliage flitting & also hopping from branch to branch, sometimes, however, perching on dead branches in full sunlight, never uttering a note of any kind. Its throat was rather bright yellow, the remaining under parts mainly yellowish. Also in July at same house was a young Vireo flavifrons in full autumn pl. 4 Red-eyes, & a young Oriole. Heard a Downy W. warbler off a Bobolink on wing in distance. 3 adult Goldfinches on sunflowers. 3 young Owls on wing bush 8-9 a.m. Only 1 seen at 2 P.M.

Worked all day on Webster's Song writing 2 H. C. returned early this morn. S. R. S. read newspaper to me in hall.

# Cambridge

Ther FRI. AUG. 16, 1912 Wea  
56 (at 8 P.M.) First Water Thrushes. Fine

Clear & very cool with light N. wind.

Yesterday the Garden seemed alive with birds; to day there were almost none.

I went all over it carefully just after breakfast but could find only a Red-eye, (singing) a Goldfinch, and 3 Owls (1 juv on stump, another in leaning bush, the red mother in top of cherry). Later a Robin & a Blue Jay appeared. About 6 P.M. I heard Water Thrushes chirping excitedly & presently found two of them making one of the young Owls in Juniper. I think they must have come into our grounds not long before this. I was surprised to hear them both utter a faint hissing call precisely like that of the Black-bird & rather Dendroica giving this repeatedly while flying from the Juniper over the lawn to a tree beyond. They used only the ordinary sharp loud alarm note when about the Owl. The hissing is repeated

I spent day in Museum working on Webster's Song & writing 2 H. C. worked this forenoon & read "Many Coys" this morn. S. R. S. left us at 3 P.M. to take boat at 6 P.M. for me. Desires to visit the Glades

Cambridge Concord

Ther SAT. AUG. 17, 1912 Wea  
50° at 3 a.m. Fine

Clear, calm, cool.

Garden barren of bird life.

I could find nothing in the  
area it saw a Red-eye, a  
white Jay and the Screech Owls  
- 3 young together in leopards  
suits, red old one in very top  
of cherry.

I worked all forenoon on  
the story. Checked with me  
on back piazza. Percy & I  
took 2:00 train fr. No. Camb. to  
H. 1st. We found a small blue  
corymb. Snapping Toad. I have seen  
seems in pool head of canal by  
stone break. He kept moving  
slowly with ball showing but head  
inverted. Sinking fast on bottom.  
I walked to Pine Park at Hill  
in late P.M. Nothing singing. Saw  
a Black-burner W. ♀ in oak & a  
Black Duck fly in the lawn near  
Bobolinks call, interesting.

Concord

Ther SUN. AUG. 18, 1912 Wea  
Stormy

Raining all day, heavily at times.  
Cool with moderate N.E. wind.

Spent whole forenoon in  
writing letters. Also talked with Percy.  
He tells me his father is a doctor  
of medicine & an Oxford graduate.

I started for Town after  
dinner via Holden's Hill. Oaks there  
nearly all dead. Some that had  
foliage through June & July have  
died since then - mysteriously.

Saw Toad at farm. Everything going  
well there. Gray Squirrel building  
nest in pigeon house. Flock of Chipping  
in orchard. Many in burrows, some in  
Returned via Birch Field & Pine Hill.

Started by Partridge near Charles's sign  
& old bird & I had young near  
Ball Hill Swamp. Very calling  
Green Heron. Black Duck also heard.

75 Swallows, mostly 100 in, also 7 others 1 from 11 am.

11  
12  
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Concord - Cambridge.

Ther MON. AUG. 19, 1912 Wea  
Fine.

Clear & cool with light northerly wind.

Pat paddled me across river at 7.45 a.m. We got some ~~leaves~~ on the way. Bobolinks calling but no birds singing. I took 8.10 train to Arlington. Left trolley car at Lincoln St. & walked across.

Spent day in Museum. C. finished copying Whistler story & I revised it. Began overbook Baldpate story after dinner & wrote a page of it before 7.

Two young Owls in bent birch. Old red Owl in top of cherry. She was working in jungle at 7 P.M. At 1 two Orioles & five or six Grackles were mobbing her. Heard a Red eye's nasal call. A Robin sang a few bars in late P.M. There were all the birds I noted. C. read aloud to me this evening.

Cambridge.

Ther TUES. AUG. 20, 1912 Wea  
Mixed.

Forenoon dark & lowering with fine driving rain. Afternoon sunny & rather warm. Evening cool.

Everey Percy could find but one ~~Quail~~ to-day - a young bird on a high perch in a Catalpa in the jungle - a new perch. Nor was there much of any other bird life. Indeed I remember noting only a Robin & a Jay - besides Sparrows. It seems strange that so few migrants have appeared here this month. Where, for instance, are the Oven-birds & Black & White Cuckoos?

I worked through forenoon on Baldpate story, writing 2 pp. Spent afternoon revising & rearranging Whistler story. It has over 30 pp. Called on Dr. Colledge this eve. (8.15-8.45) C. read aloud before & after that.

Cambridge.

Ther. WED. AUG. 21, 1912 Wea  
7 in

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

Three Owls, all young ones we thought, were high in the cherry trees all day. They were mobbed, early in the forenoon, by numerous vireos & excited birds among which were 2 Blue Jays, a Robin, a young ♀ Scarlet Tanager, 3 young Orioles, many House Sparrows and at least 15 Crow Blackbirds, all these raising their voices in united & well nigh deafening clamor, which disturbed me not a little as I was writing in the Museum. A Robin & a Red eye sang a little, faintly & feebly, at sunset.

I began White-winged Scoter story & worked at it all day but wrote only a single page. At 5 P.M. I went with C. to view Belmont Forbes's new home. C. stumbled off over a curbstone on my back.

Heard call of Cedar bird in or near same cherry by Museum gate.

Cambridge

Ther. THURS. AUG. 22, 1912 Wea  
86° 7 in

Clear, very warm & rather humid with light southerly wind.

Old Owl in cherry tree by back house, one young in another cherry tree. One flying about garden in evening twilight. Red-eye in nearly full song for 1/2 hour soon after sunset. Jays screaming; 2 Robins; Cedar bird heard, no migrants about.

Spent day in Museum. Finished White-winged Scoter story (3 M.S. H.) and began Song Sparrow, writing 1/2.

C. went in town to lunch with Mary Greenough. I went up street at 6 P.M. & had chat with Dr. Cook on his door step. C. read from Prometheus after supper.

At 8.30 I went to the Russell's & stayed until 11, talking with Joe, Sarah & his kindest. Joe very optimistic about Social & political situation.

Cambridge.

Ther

FRI. AUG. 23, 1912

Wea  
Mixed.

Mostly sunny but with a light  
thunder shower about 1 P.M. Warm.

Old red Owl in cherry by boat house  
2 young in leaning birch. Saw an  
Owl fly across Sparks St. at 7 P.M.  
Red-eye singing freely about 6 A.M.  
Jays, and an Oriole heard in  
the jungle. One Robin seen.

Spent day in Museum working  
carefully on Surf Scoter story &  
finishing it. Also began Ann Scoter  
story & wrote about a page. C.  
typed writing my M.S. at 4 P.M.

At 6.30 I went up Sparks St.  
to the 'Deans' to see Charles who  
had just come from Chicago & to  
tell them all to dinner here on Monday.  
C. read transcript etc. This was in hall

Cambridge.

Ther

SAT. AUG. 24, 1912

Wea  
Perfect.

Brilliantly clear & pleasantly cool with  
light N.W. wind.

Old red Owl again in cherry by boat house,  
2 of her young in birch. As I was looking at  
latter, about 8.30 A.M., they were mobbed  
by a whole flock of Baltimore Orioles. I  
counted 12 of these coming, in quick succession,  
into trees about Owls and heard others scolding.  
So all there must have been 15 or perhaps 20.

I saw 2 handsome old ♂♂. In the nest were  
a Flicker & Red-eye, also. 3 Jays came later.  
Saw a Goldfinch & 2 Swifts. Puffins saw a  
Hummer on day before. I heard Grackles, a Robin  
& Red-eye song a little about 6 A.M.

Spent day in Museum working on  
American Scoter story & writing 2 ff.  
A. J. Puce came at 4.30 to see about  
cutting down along Sparks St. They  
are also & planning to cut up from 1st to 10th  
C. read to me in hall 7.30-9 P.M.

Cambridge.

Ther  
.90°

SUN. AUG. 25, 1912

Wea  
Fine

Clear, hot & humid with strong westerly wind. Warmest day since mid July, I should suppose.

Mother Owl in cherry by tool house; one young in leaning birch. No other seen. Orioles & Jays scolding about young Owl most of day. Robin building at sunset. Red-eye singing at 6 a.m. Water Thrush chirping later. Wood Pewee in front of Museum, 9 a.m., perching on telephone wire & on chair. Bees very actively engaged in fly catching - a silent host, apparently a young one & very tame, called on

Went to see Dr. at 9.30. Wrote letters after that until 1. At 1.30 Charles, Walter & Roy Dean & Mrs. & Mrs. Suddie came to dinner with C. & me on back piazza. After dinner we took them through Garden & into Museum where the Deans stayed until 5. After that I wrote more letters. Sarah & Albert Nelson & her mother called at 8.30 & stayed an hour.

Cambridge.

Ther

MON. AUG. 26, 1912

Wea  
Dull,

Cloudy & very cool with easterly wind.

Old red Owl again in cherry tree by tool house; one young in leaning birch & one in blue spruce in jungle. Both are fast forgetting their winter plumage which will be gray. Blue Jays mobbed them repeatedly with volleys of shrill abuse. Screech Crows cawing loudly & a Red-eye singing in tall oak, in early morn. near house & heard a Downy & a Cedar bird in Garden.

Spent day in Museum working on Butler-bird. Got story & writing 2 Hr. C. worked through forenoon.

I made a brief call on Walter D. this evening. Have just heard that Frank Chapman's mother died Aug. 21

# Cambridge.

Ther TUES. AUG. 27, 1912 Wea  
7 in

Clear & Cool with fresh N. wind

3 young Quail together in leaning bush; mother in cherry by tree house. Red-eye singing fairly well at sundown. One adult Robin seen. No other birds except a Blue Jay were noted about one plain today.

I spent day in Museum working on Bull-bill story & writing only 1 p.

C. type wrote 4 pp. in AM.

C. W. Townsend came at 6.20 bringing a Bubo (very dark), a Black Duck (typical ad. ♀ tristis), and a pair of Yellow Warblers all taken in Labrador during the trip from which he has just returned. He stopped with us on Cook's passage & stayed until 9.15. C. went to see from "boat of Itanic" after that.

# Cambridge.

Ther WED. AUG. 28, 1912 Wea  
Migration wave arrives 7 in

Clear & Cool with light N.W. wind

In the Garden, just after breakfast, I found a Canada Nuthatch, a Water Thrush, a Yellow-bellied Flycatcher, 2 Red-eyes, a Goldfish, & 4 Robins. <sup>(Tattlers, I think)</sup> Also heard the piping call of some Dendroica but failed to see its author. The Emp. flaviventris was uniform light yellow beneath. I saw it dozens of times in good light & very near as it flitted about in bare tree-green keeping high up with no showing of fear of me. The Water Thrush was in lilacs mostly.

Red Quail in cherry by tree house, 3 young young in cherry east of above. Saw flock of 49 New Brunswick at Harting Park.

Spent day in museum working on Bull-bill story, writing 2 pp. C. worked all day. Miss B. took supper with us on Cook's passage staying until 9. I called on Dr. Cook at 8.





Cambridge - Boston - Concord

Ther

SAT. AUG. 31, 1912

Wea

1920

Fair

Sunny & cloudy by turns. Early morning almost frosty. Warm calm.

It was C's birthday. When she & I came down to breakfast on back piazza we found a big birthday cake the maids had made with it full cream & the date on it. After a letter Margaret was in fine Swedish peasant costume & my presence. C. & I took our last walk through Garden & jungle. Then Gilbert, Will and the Misses C. & Z. in the Codrington. Hunted about. Then to Boston. Some Gullies are open. Gallinule helped her transfer all my preserved etc. from Boston Safe Dep. to State St. de. Boston Winchester 22 Oct. left at 11:30. June 1, 5/1 - train to W. B. Concord via & arrived at 12:30. Saw 2 Doves fly over. Birds & flowers & garden at home about.

Concord

Ther

SUN. SEPT. 1, 1912

Wea

Mixed.

Glorious morning, sunny, calm, mild. Cloudy by noon; heavy rain in afternoon & evening.

at 8 a.m. heard Bluebirds calling & a Chickadee whistling phoebe. Saw pair Doves flying low just here, northward. 14 Bats in shed left 7 in a bunch, 7 widely scattered. ♀ or juv. Hummer in flower garden. Cross coming, Jay screaming. Plover along with Jay, Red & Chipmunk Squirrels. Big flock of Chaffins in woods in front orchard.

Truck deer tracks at Ball's H. yesterday.

Spent hour after breakfast in flower garden watching colors of Plox. & talked at the Home & saw her. Jim Melvin came at 3 P.M. & stayed until 5. We sat in parlor & talked. Telephone call with C. at 8 P.M.

800 W. Flycatcher

Concord

Ther MON. SEPT. 2, 1912 Wea Dull

Gray day, cloudy but not dark. Cool with light easterly wind.

Spent forenoon in farmhouse writing letters & copying my bird notes into Cambridge Garden book.

Out doors all afternoon working with Pat at a new flower bed, taking down bird house, putting plants etc. Did not go further than 100 yds from house. Saw few birds about. Heard a Robin, Red-eye, Cat. bird, Crows & Jays, and a Cedar bird. 2 Swifts hovering over & around house all day. Only one or two Tree Toads chirping this eve. I find the opening under the eaves. Plenty of ripe English plums now.

Concord

Ther TUES. SEPT. 3, 1912 Wea Dull

Cloudy, with light rain in a.m. Calm, warm & humid.

Spent most of day out. Does near farm house working with Pat & Zeph. In forenoon we worked flower beds and transplanted things - especially blood root. In afternoon we cut a number of beets & chives close about house which had become too much embrowned in dense foliage.

In late P.M. I walked to Balls Hill via Holdens Hill with Pat, returning alone.

Many birds about farm to day. (40) Robins, (16) Swifts (4) Barn Swallows, (3) Orioles etc. (8) Blue jays at Holdens Hill & a few. Osprey flying past Balls Hill

Saw a Nighthawk one hour flying at 3 P.M.

Cambridge - Bethel

Ther WED. SEPT. 4, 1912 Wea  
Fine

Brilliantly clear & pleasantly cool  
with light westerly wind

Left our Cambridge home for  
an absence of 2 mos. & took 9 a.m. train,  
E. Div., for Bethel, taking a  
through passenger car & dining in Union  
Station, Portland. Country fresh &  
green from abundant recent rains.  
Mountain ash trees loaded with  
ripening fruit beyond So. Paris.

Many red maple partly, or even  
wholly, crimson in low-land places.  
Few birds seen from car.

Met Dr. Gehring on his farm, Caron.  
We drove all over his cultivated  
grounds before dinner. His new garden  
& chalet very attractive. Spent  
evening in lounge talking. I  
had a room in Wright College.

Bethel

Ther THURS. SEPT. 5, 1912 Wea  
Big noc. mig. wave. Fair

Forenoon sunny; afternoon cloudy;  
evening misty & rainy. Calm & warm.

The Doctor & I spent most of  
forenoon in woods below home where  
the patients are making a new trail.  
Pileated woodpecker cocking them.  
Also heard him on early morning.  
Saw a Redstart (♀), 2 D. Maculosa  
a Maryland Yellow-throat & 2 Red eye.

In afternoon inspected new hotel  
(founded in but not occupied) & took  
ride in Mr. Upson's motor car with Dr.  
& Mrs. Gehring to a mill pond beyond  
Albany where we found lots of  
cuckoo-flowers (Dr. dug a bucket full).  
Saw 3 Robins & flock of Chipping.  
Talked in lounge until 8.30 P.M. &  
then called on the Herricks. Big flight  
of Hairy & Hutton's vireos dark. Thursday  
evening in lounge until 8.11 P.M.  
found dark blue on Caron.

## Bethel - Boston.

Ther

FRI. SEPT. 6, 1912

Wea

Fine.

Sunny, calm, warm. Foggy in early morning.

Left Bethel at 9 a.m. & reached Boston at 3.30 P.M. Saw almost no birds by the way. Went to Parker House for night. All the country had just gone over to the South. This did not trouble me for I dined with C. & E. R. S. at the Mayflower Club & spent evening there. Returning at 9.45 I strolled up & down Fenway St. for half an hour smelling my pipe & watching the people pass & repeat:

## Boston - South Yarmouth

Ther

SAT. SEPT. 7, 1912

Wea

Fine

Clear & warm with light S.W. wind

To Athletic Club for breakfast at 7.30. Then to Mayflower Club where I had a good talk with C. We started out together at 10, visiting Hoxings & Jordan & Marsh's, finally separating at 3.3 Devonshire St., then going to Mr. Lowrie's office, & to our office. Lunched at Beach O'Graves & took 1.25 train for the Cape. Arriving at So. Yarmouth I was met by Alice Stone & Bessie Knowlton in their "Peck's" motor car at the Golf course on street of Hill Street, Mr. Knowlton & Prof. Hill's time & took them with us home. Saw 3 King birds. Rose nuthatch at N. Borewater marshes. Big wherry house in front of St. Faith's church.

South Yarmouth

Ther SUN. SEPT. 8, 1912 Wea  
Fine

Clear and calm. Warm in sun, cool in shade. Glorious day  
With Will & Alice Stone & the Knowlton  
I took & enjoyed an automobile ride this  
forenoon to & along the north shore of  
the Cape in the neighborhood of Brunswick.  
From a headland we looked down  
on a glassy, windless sea over which  
numerous Terns & Hairy Gulls were  
flying and on the sandy margin of which  
immediately below us a dozen or more  
Sandlings & a single Stammitis were  
running about & basking in shallow pools.

In afternoon we read, talked &  
strolled about near the harbor. At 5.30  
we all went to Mrs. Stone's to join  
in the singing of familiar hymns. About  
50 people there. Before we departed with  
the Knowltons, Stone, Stone, Knowlton  
& I exchanged remarks on the stones & birds

South Yarmouth

Ther MON. SEPT. 9, 1912 Wea  
Fine

Clear with light easterly wind.  
Rather warm but very delightful weather.  
Spent forenoon at the golf links  
with Will Stone & Mr. Knowlton.  
They playing & I walking with them.  
Also sat on a bench & watched the  
charming flights of mating yellow Butterflies  
Very few birds seen among them 2 Vesper  
sparrows & some other birds.

Mrs. Stone, Will, Mr. Knowlton & I  
walked to Swan Pond in late P.M.  
finding it as attractive as ever.  
There were 4 Spotted Sandpipers &  
a Solitary Tattler on the shore &  
2 Kingfishers flying about.  
I dug a lot of Golden Aster plants  
to take to Annapolis. Spent evening  
in park talking with the Stones  
& Knowltons.

Charlie & I finished dinner early to catch bus at 5:00 P.M.

South Yarmouth, Boston, Concord.

Ther TUES. SEPT. 10, 1912 Wea  
7:00 am

Clear & warm with light or no wind.  
Left South Yarmouth by 9:51  
train. The Knowlton & Stone took  
me to station in their motor car.  
Had ride to Boston. Percy met  
me at station & took my suit case  
to Cambridge. I called at one  
office & lunched at Bunch O' Greens.  
Took 1:51 train for W. Bed.  
Charlie Deane met me at North  
Station. Giltner forwarded us  
across river. We saw head about  
until it was nearly dark &  
had a good long talk in cabin  
after supper, mostly about our  
streaking experiences. Charlie is  
a delightful raconteur & I  
enjoyed his stories exceedingly.

Concord

Ther WED. SEPT. 11, 1912 Wea  
90° 7:00 am

Clear & oppressively warm with,  
however, a fresh wind. Sky  
clouded over by 3 P.M. & a light  
thunder shower came (3:30-5:1)  
Leaving the Cabin soon after breakfast.  
Charlie Deane & I walked to Van  
Farm where we found Jim Melrose  
awaiting us with his motor car.  
After talking for an hour we went  
to Concord to show Charlie the  
"Minute Man" & "Melrose Memorial"  
Stations. Got back at 11:30. After  
dinner I took Charlie over Van  
Farm. It was surprisingly hot  
especially in the woods. He left  
me at 3:30 to drive a bus back  
for 4:12 train. I hurried back to  
cabin reaching it somewhat wet  
but before the onset of an shower.

Concord.

Ther THURS. SEPT. 12, 1912 Wea  
Fine

Clear & cool with light N. wind.

Spent day at farm, walking  
up at 8 a.m. & back at 4 P.M.

Peter & 3 men began work  
there yesterday on the apple orchard  
pruning the trees severely & stopping  
all holes with cement. I was  
with them much of the day. After  
getting back to Ball's Hill I  
planted the golden asters I  
got at South Gainsville on Monday.  
Birds seem very scarce. The  
only northern migrants noted were  
a Black-poll with 4 Chickadees  
a Red start & a D. virens) & a  
Canada Nuthatch. Saw 4 Robins  
on Pine Hill & 1 at farm. A  
Kingfisher & a Belcher along road

Concord.

18 Ther FRI. SEPT. 13, 1912 Wea  
Heavy mig. of Warblers. Glorious

Brilliantly clear & just pleasantly  
warm with little or no wind.

Spent most of day at farm,  
during the day. Walked up at 8 a.m.  
& back at 4 P.M. Pat & I moved  
a lot of Plox & Iris & Astors in Pine  
replanting most of them in lawn.  
He saw a small doe behind Balls Hill

Country flooded with birds mostly  
Warblers which kept high in trees &  
were very restless. For these reasons I  
failed to identify many of these I saw  
although giving much time to the attempt.  
In a large flock on Pine Ridge I recognized  
several Black-polls & D. virens & one

Redstart. An Alouatta I saw an  
Orange-crowned Warbler with them. Indeed  
I feel certain of it at the time. Heard  
the full song of a Black-poll in air with  
heard a D. maculosa chirping & singing  
callow. Red-chestnut. Heard several  
loudly at Balls Hill & the farm.

Chickadee & Kinglet down from road to Ball's Hill

Concord.

Ther

SAT. SEPT. 14, 1912

Wea  
Dull.

Cloudy & warm with fresh  
S.W. wind.

Spent day at Ball's Hill  
working with Pat. We  
washed flower beds, transplanted  
golden rods and cleared out  
a lot of rubbish from the maple  
grove in the meadow east of the  
hill.

A dozen or more Martins, all  
apparently Black-jacks, drifted  
back & forth past cabin. Both  
there were several Chickadees & a  
Canada Nuthatch. Saw a Water Thrush  
& heard a Brown Thrasher, both by  
the river. A Red-shouldered Hawk  
on pole in Holden meadow. A  
Kingfisher flying past cabin

Concord.

Ther

SUN. SEPT. 15, 1912

Wea  
Dull.

Cloudy; oppressively warm & humid.  
Altogether an unpleasant & also a  
depressing day.

I spent the forenoon working  
trees in the cabin. In the afternoon  
I paddled up river a little way  
and worked to Barrett Meadows  
and had a long nap.

The woods & meadows seemed  
almost barren of bird life. I saw  
a few Crows, a Kingfisher, a Jay  
and (5' Carolina Dove flying in  
over Holden Hill). Near the cabin  
I noted a Black Poll, a Chickadee  
& a Canada Nuthatch. Across the  
river I heard a Savannah Sparrow  
chirping in the grass. Where are  
the Blackbirds? I never yet seen  
one in the past - mostly on afternoon.



Concord.

Ther MON. SEPT. 16, 1912 Wea  
Fine

Early morning cloudy after heavy  
rain all last night. Most of day  
sunny & afternoon brilliantly clear.  
Cool east wind shifting to N. & S. W.

Spent most of day working  
near Ball's Hill with good old  
Pat. as usual he was full of his  
drill Irish humor & sentiment.

We transplanted ferns, opened  
a canon channel thro' bottom  
garden in pond hole across river  
& did other odd jobs of little value.

Smith O. Dyer appeared at 3.30  
& stayed to supper. We walked  
to Pine Ridge where we found a  
big flock of thrushes, mostly  
Black-bills. Saw a young Bay Breasted  
among them. Saw a Fish Hawk W.  
flying south. Many small birds  
everywhere all day.

Concord.

Ther TUES. SEPT. 17, 1912 Wea  
Great bird day. Heavy mig. Superb

Brilliantly clear & pleasantly warm after  
a chilly, fog - obscured night. Light W. wind  
heard thrushes & thrushes abundant. Last night

Country flooded with migrants from north  
all day. Rarely have I seen so many before.  
Black-bills scattered about everywhere.  
fully 50 on one flock at 7 am.

At 7 am heard thrushes chirping all  
about town. At 7.15 heard a House Wren in  
full song & a Junco calling at E. end of back  
2 Red-shouldered Hawks & several other birds  
started for town at 8 am. Birds seem  
as heard everywhere. Found big mixed  
flock in Pulpit Rock woods. Followed  
it over an hour. It finally dispersed to  
low. A collared by fresh observed. Am  
heard a down & perfect song of a beautiful  
♀ Cape May Warbler watching her 10 W. She  
was low down in oak foliage & on a low  
branch & darting one after flying insect  
a Wren bird in perfect plumage very yellow  
throat with yellow yellow throat.  
He wild apple saw 2 House Wren.  
at least 50 Black-bills in this flock.  
Also 3 Canada thrushes, 8 Chickadees,  
1 White-bellied Nuthatch, 1 Wood Pewee  
Some what I think was a Song very  
but got only a glimpse of them. Birds  
very restless & mostly high in oak &  
pines. 2 Sharp-shin thrushes singing high  
at 10 am. 7 Red-wings singing on the  
camp S., at 3 P. M. Wrens and Thrush singing  
& another bird. Sparrows and Thrush & Black-bill  
also. Blue-birds by pond. (2) Blue-birds  
Spent day at town & walked back at

Concord.

Ther

WED. SEPT. 18, 1912

Wea  
Fair

Forenoon sunny; afternoon cloudy;  
-warm with strong S.W. wind.

A birdless day. The migrant hoots here yesterday must have passed on last night for the woods & thickets were everywhere silent & deserted this morning. On my way to Farm just after breakfast I heard only one Warbler chirp & saw only a few Crows & Jays. At the pond in Berry Pasture where I walked through forenoon with Pat I saw a Solitary Sandpiper & heard a Brown Thrasher, four Robins & a Flicker near house & 3 or 4 Chipping in the fresh orchard. Squirrels numerous & busy with the hazelnuts. Walked back to Ball's Hill at 4 P.M.

Concord.

Ther

THURS. SEPT. 19, 1912

Wea  
Fair

Bald Eagle at B. H.

Forenoon sunny; afternoon cloudy.  
Intensely hot & humid with fresh S.W. wind.

Very few birds. Saw or heard about 8 Blackbirds, one or two D. virens, four or five Jays, several Crows, a Honey W., a Flicker, a Kingfisher, 2 Robins, a young Bald Eagle in uniformly dark brown pl. (flying low southward over Ball's Hill) 2 Red-shouldered Hawks (singing & screaming wildly at 9 a.m.) a young Song Sparrow singing busily at sunset, 2 Swamp Sparrows, a Rusty Blackbird (heard in air at evening)

Spent day on Ball's Hill. In A.M. Jeff, George & Pat chomped out well & cereal meal for breadmaking. In P.M. I peddled up river to Laguna.

## Concord.

Ther FRI. SEPT. 20, 1912. Wea  
Mystrum chattering at night. Dull.

Cloudy & cool with strong N.E. wind  
which brought light rain at evening.

Spent most of day at Bob's Hill  
with Zeph, Pat & George, who worked  
on road through swamp, carting  
dirt to raise it higher. Walked  
to Farm via Davis Hill & Pleasant  
in late P.M. Peter & his 3 men  
have nearly finished with after tea.

Very few birds noted & literally none  
at Farm.

Thrushes & Warblers migrating in  
some numbers last night (10-11)

I heard one which was evidently a  
Gray-chunk (or Belding's). Just  
after I went to bed (11.15) something  
began making low chattering &

musical notes just under my window.  
It also rustled lightly among dry leaves.  
I have no idea what it could have been  
unless a Skunk. I heard it for half an hour.

## Concord.

Ther SAT. SEPT. 21, 1912. Wea  
Dull.

Cloudy with occasional brief intervals  
of sunshine. Very cool with fresh N.E. wind.

Spent day working with Zeph, Pat &  
George on the roadway through Benson's  
field. We regraded it & put in two  
drains to take off storm water.

Jim Melvin came down in P.M.  
& spent about an hour talking with  
me as I stood near the men.

at 5 P.M. I walked to Pine Hill  
& spent an hour there watching  
trees for cutting later. Gypsy nests  
infestation very bad there.

Birds scarce there was. Did  
not see or hear a single swainson  
of any kind all day. Heard Crows,  
2 Red-shouldered Hawks & a Kingfisher  
& a Downy. Saw 2 Flickers.

## Concord.

Ther SUN. SEPT. 22, 1912 Wea  
Big bird wave Fine

Clear & cool with light E. winds

Country again flooded with migrants from the north. Heaviest flights of acrobats thus far. At sunrise there were fully 50 Black-jacks on Balls Hill. At 9 a.m. I found them all the way to Davis Hill. Saw at least 100 in all. With them were many

D. virens (one ad ♂) and a single Minutella. There was 2 Pine Siskins singing as steadily & well as in May. A single D. carolinensis ♂ in full plumage very common, edge of Swamp. A Thrush that looked like a Veery. 17 Bluebirds

Walked to Davis's Pine Hill (2/11/12)

To 7 o'clock at 3 P.M. Met Jim M. then. He took me to Concord to call on the Robinsons. Saw 3 flocks of Bluebirds, & about 20 Jays along road. Only 1 Robin

## Concord.

Ther MON. SEPT. 23, 1912 Wea  
 Fine

Clear, calm, warm. Cool last night. Early morning densely foggy.

At sunrise heard Bluebirds flying over. A few Black-jacks chirping. At 8 a.m. saw Sharp-shin Hawk fly past.

Crossed river at 8.15 & met Jim Melton by appointment on R.R. bridge, 8.30. He & Mrs. M. took me to Cambridge in their motor car. 5 Black Doves in Fresh Pond. In our Garden found 5 Robins, 5 Black-jacks, a Water Thrush, a Jay & a very light red Summer Owl in leaves with Woodpecker nesting in

Met Mrs. Brewer in her house & discussed renovations. Mr. Harris agreed to lay 4 oak floors for \$140. Gelburt to do painting for about \$40. Went in town at 12.15. Examined several places. Saw Arthur & Dolly & George. Took 1.55 train for W. Bedford. Walked in woods on Pine Ridge. Until dark

Concord.

Ther TUES. SEPT. 24, 1912 Wea  
Fair

Partly sunny, partly cloudy. Cool  
with light easterly wind.

A few Black-bills, a Brown  
Creeper, a flock of Chickadees, a  
Tame Hermit Thrush accompanied by  
a Song Thrush which I failed to  
identify, a Downy, a Rusty Blackbird  
& two or three Jays, a Robin, Crow,  
a ♀ Marsh Hawk & two Red shouldered  
Hawks (screaming loudly & chasing  
vicariously) were about all the birds  
I saw or heard.

Spent most of day at rear  
of Ball's Hill working on the  
road across Swamp with Pat,  
Zeke & George. In forenoon  
Gilbert took me to Farm & back  
in Cadillac car. Peter & I were  
working on applications at kitchen place.

Concord.

Ther WED. SEPT. 25, 1912 Wea  
Fine

Brightly clear. Light E. wind. Morn  
& eve cool, warm through day.

Saw no migrants save 8 or 10 Blackbills  
Bluebirds calling on Ball's Hill in early  
morn. At Farm saw a Cat bird, a ♀  
Indigo Bunting & a Song Sparrow in front  
of house, 5 or 6 Chipping in orchard.  
Heard a Robin call. Red-shouldered  
Hawk screaming on Ball's Hill & another  
at Farm. Solitary Vireo in field song  
on Pine Hill at 5 P.M. Swamp sp.  
Song over at evening. Kingfisher near  
cabin. Squirrels numerous & busy. The  
Jays are not molesting one another this year.  
One Bat only in shed left.

Spent most of day at Farm fixing  
fence & plow. Rode up in motor  
to Ball's Hill to Bush lot. at 3 P.M.  
Walked on new road on Pine Hill  
from 3.45 to 5.45 P.M.

Saw a Red Noddy flying, turning left.

Another hawk seen on Ball's Hill.

Concord

Ther THURS. SEPT. 26, 1912 Wea  
Glorious

Perfect day, absolutely cloudless, calm, deliciously warm. Cool at night. Every morning foggy.

Very few migrants 2 or 3 Blackbirds, a Crow, Canada Thrush & Rusty Blackbird & Tilled (heard) among all I noted. Pine Warbler & Solitary Vireo in full song at 8 a.m. Heard another Solitary (in Birch F.) at 9 a.m.

Just after breakfast went on car of Hollis Hill & spent hour there making traps for cutting. At 8.30 Gilbert took me to Farm in motor. Spent rest of day there. Worked on road to Birch Field with Gilbert in a.m., with Zeph & Gray in P.M.

Partridge drumming all P.M. at foot of run. Pheasant Crowing most of a.m. in front of house. Crows flying. I hear no Hylas. 1 Bat in shed. Left. Walked back thru Holden Hill after sunset.

Concord

Red maple foliage gorgeous in flow  
Ther FRI. SEPT. 27, 1912 Wea  
Green Heron heard Dull.

Cloudy with light W. wind. Day cool. at evening when the sun came out just before setting & the sky cleared

Four or five Black-bills near cabin. A tame Olive-backed Thrush spent entire day in thicket at E. end of hill calling freely. A Heron calling in swamp at sunset.

Six or eight Juncos flitting about cabins. Ten Rabbits on ground in Holden meadow at 5.30. As I was at Benson's Landing at 6 P.M. heard a Green Heron call

many times. Gilbert heard it overhead at cabin. Many fresh deer tracks on & toward hill. Gray, Red & Chipping Sparrows about cabin getting chestnuts.

Spent day at east end of hill with Zeph & Gray cutting down trees. After they left me at 4.30 I walked to Pine Hill & Penn Park getting back to cabin at 6.05.

many red notes heard around fall autumn early with first

Concord

Ther SAT. SEPT. 28, 1912 Wea  
Glorious

Brilliantly clear with light N. wind.  
Comfortably warm though day, cool at  
early morning & at evening.

Spent entire day walking with  
Jeph & Gray cutting down trees  
at Benson's Knoll. We cleared the  
greater part of the river bank  
here & also took down a good  
many infirm or crowding oaks  
on the knoll itself. After the  
men had gone I rambled  
through the woods on Holdens Hill  
until after sunset. Saw no less  
than 5 Phalaropes; three flew from  
a maple across river, two adults & 3  
were feeding well out in Benson's field.  
At least 30 Robins in his pasture at sunset  
5 more birds & crows. Saw a flock  
of 8 juncos, 3 Titmice, a pair Blackbirds.  
Pine Siskin singing on hill at 8 and  
Phalaropes calling long drawn out  
waa's etc., Maple thrushes above.

Concord

Ther SUN. SEPT. 29, 1912 Wea  
7 in buck Deer at Farm. Stormy

Raining nearly all day, heavily  
at times, light southerly wind.  
Starting just after breakfast I  
walked to Davis Hill & Pine Park  
Found a flock of about 20 Woodpeckers  
on Pine Hill, most of them Black  
throats & D. virens. Heard Golden-  
crest Kinglet in Pine Park & Downy  
Creeper on Balls Hill. Saw  
juncos feeding about cabins  
Wrote letters in labors 11-1 P.M.  
Walked to Farm after dinner  
Started 3 Partridge in Buck Field  
Telephoned Will Robbins at 4 & asked  
how to buy a cow at \$80. or less for  
Telephoned C. at Longfellow Club.  
Left house at 5.30. As I was walking  
over Big Elm a Deer caught my eye.  
It was a noble Buck of large size  
with fine horns & standing on middle  
of field across road watching me.

Very stormy

Concord - Cambridge - Boston.

Weasel hunts Rat in Cabin.

Ther MON. SEPT. 30, 1912 Wea

Winter Wren in Garden Super

Killing fresh last night.

Cloudless with light N.W. wind

To Cambridge by 8.13 train. Spent

two hours in Museum & Garden.

To Boston at 11.45. Talked with

Arthur about change in Trustees

Compensation. No decision reached.

Signed quarterly annuity & other changes

Returned to Concord by 1.57 train.

Padded down river to enjoy autumn

coloring - very fine in places especially

around Holden M. & Belmont Beach etc.

Saw Fish hawk on Davis Hill &

Grake off Beach Id. Walked to

Pine Hill & Belmont's country about

lunch. Saw Jay & White-throat.

As I was at breakfast this morning

saw a huge Weasel chasing a Rat

in cabin. He caught & bit it twice

without success, discharging it. See

Journal for full story.

Apparently not many small birds

about Balls Hill but in our

Cambridge Garden I found lots

of them representing 11 species over.

Robin (3), Olive-backed Thr. (1), Chickadee

Th. (1), Winter Wren (1), Black poll.

(6), House W. (1 juv ♀), Water Th. (1),

White-thr. Sparrow (5), Junco (heard)

Goldfinch (2), Blue Jay (1)

Starling & Crows. Grapes ripe

& in full bloom

Winter Wren was in garden

Concord

Ther TUES. OCT. 1, 1912 Wea

Dull.

Cloudy & cool with fresh W. wind.

Brisk shower in late P.M.

Spent whole day behind Balls Hill

with Zeph & George cutting down

trees on the flat north of swamp near

larch grove. These woods are badly

infested with gypsy moths & I am

never found to take out all the oaks

& birches. Incidentally I am cutting

many pines & even a few Cocher,

to open vistas & road ways to

make the place easy of access in

spraying time. Very few birds

about. Saw a fine cock Pheasant

run across road at east end of hill.

While in larch grove at 4.45 P.M.

heard a Sharp-shin & looking up

saw the bird flying over swamp &

high in air. It was turning at the time



Concord.

Ther

WED. OCT. 2, 1912

Wea

Fine

Brilliantly clear with strong, cold north west wind. Hoar frost at sunrise

Spent day behind Ball's Hill cutting trees about the larch plantation with Jeph & George. Pat appeared at 9 A.M. rather used up by his recent drink I set him to work raking paths. There were a good many small birds about to-day. Near the cabins I saw a Phoebe, a Black Throated Blue Warbler (in bushes on river bank) a Hermit Thrush, several juncos & upwards of 20 White thr. Sparrows. In the woods where we worked were Chickadees, a Cowbird, Nuthatch & 2 Golden crests. Skated at Parkside in the swamp & another near Birch Gals. Two juncos with two parulae *biocolor* were seen from fire on Inf. shore

Concord.

Ther

THURS. OCT. 3, 1912

Wea

Fine

Clear & warm with fresh S.W. wind.

Spent day behind Ball's Hill with Jeph & George who are down a number of large oaks on the hillside about larch grove. Pat also worked there raking up rubbish. Smith O. D. left car down at noon. After dinner we walked to Davis Hill where we saw a J. Towhee. On Penn Hill we met with Chickadees several of which were calling, Phoebe, warblers & White-throats in front of cabin. Saw only one Black poll. Heard a A. downy, 3 Red-shouldered Hawks screaming in woods on top of Ball's Hill at 7 A.M. - working good clearance. Fish hawk flying low over hill at 11 A.M. People today wonderful to-day

## Concord

Ther FRI. OCT. 4, 1912 Wea  
 Superb autumn coloring - Other heard. Glorious

Clear & oppressively warm. Strong S.W. wind  
 Wonderful autumn foliage. Coloring of  
 red maples, tulips, beeches & sumacs  
 at or near its best. Never have I  
 seen it more brilliant & varied here.  
 Its most impressive along edge of  
 Holden meadow, in Ball's Hill Swamp  
 along river front of hill & at Farm.

Spent most of A.M. at Farm. picking  
 grapes. Thousands of honey bees about  
 them, injuring them severely. At least  
 75 White-thr. Sparrows in mill & grape  
 vines. Long Sapsucker in apple tree.

Working with men behind Hotel after dinner  
 In late P.M. paddled up river to house

Returning drifted down on 2 young Grebes  
 & watched them many minutes through glass  
 getting within 60 yds.

As we were at supper at 7.30 an Otter  
 came into boat just front of cabin making  
 a tremendous splashing & uttering various  
 low loud chatter & chirps. I went out  
 with electric torch but could see nothing

## Concord

Ther SAT. OCT. 5, 1912 Wea  
Autumn coloring at best. Glorious

A truly wondrous day, calm,  
 cloudless, as warm as midsummer.  
 Autumn coloring gorgeous everywhere  
 & apparently at its very best. The  
 painted woods & thickets alive with  
 birds & squirrels. Pheasants crowing  
 lustily, Wood Peeps, Crows, Cuckoos  
 flying. Cucklets chirping in the grass.

I went out in a canoe before  
 breakfast to view the bullcane maples  
 along the front of Ball's Hill through  
 the open wooded meadow. A Grebe  
 floating opposite the canoe. Spent  
 most of day on or near hill. Put  
 up four harvest traps in meadows  
 after dinner. Gilbert took me to  
 Balls Hill in motor at 5 P.M.  
 Walked down to Farm. to feast on  
 grapes. Hellish wonderful composure  
 of old gold. Pheasants among  
 the hills & woods in the glens

Concord  
Foliage show post de prime  
Ther SUN. OCT. 6, 1912 Wea  
Flying Squirrel at B.H. Perfect

Cloudless with light W. wind. Very warm all day, in fact oppressively so.

When before breakfast I took a turn on river in canoe the maple foliage seemed as brilliant as ever but by afternoon it had faded nearly everywhere & the leaves were falling. During my paddle passed 2 young Gulls within gunshot. To Davis Hill with Pat, after breakfast. Pine Warblers singing feebly there. On way back picked up tail & piece of skin of Capt. Flying Squirrel on path at W. end Ball's Hill my first evidence of the occurrence of this species anywhere on my Concord land. Something had evidently killed & eaten the creature last night. - Home letters 11-1. Started for farm at 2.30 & spent afternoon there. Picked over a basket of Aphelone "wealthy" apples. Started 3 all Phoebe's in full flight from office tree in lawn. They started up as they hatched of calling loudly. Possibly, drawing all day of rain. Walked back in the afternoon

Concord  
Ther MON. OCT. 7, 1912 Wea  
Foliage show spoiled - Fine

Clear & oppressively warm with strong S.W. wind which blew most of the foliage off red maples before night. Their leaves were falling in showers covering the ground beneath them.

Very few birds about. Even in the early morning before the wind started, when I was out on river in canoe there seemed to be almost no feathered life stirring either in the woods or in the marshes. Most of the White-throats had left the river front and in the woods I noted nothing except Chickadees, a few Yellow-rumps, 2 Blue Jays & a Black-poll. A Marsh Hawk & a Kingfisher flying over lawn.

Spent day working with the men on the east road along river front. Hill. Gilbert took me to farm in motor car at 6:30 P.M.

Concord - Cambridge.

Ther TUES. OCT. 8, 1912 Wea

(5) Deer seen in orchard at 7 am. 7 in

Clear & cool with fresh N.W. wind. Foliage show over for present along river most of the maples being now bare.

To Cambridge by 8.10 train. Went directly to Mus. Comp. Tool. & attempted to write my annual report there with Outram Bangs's help but it proved impossible to finish it so I brought accession book away with me. Bangs invited me to dine with him at Colonial Club. I went there to our house after seeing Mr. Batchelder & arranging with them about A.O.U. entertainments. Spent 2 hours in

Museum copying titles of my articles etc. for my report. Left home at 7.15. Deer & called on Walter Jack 5.05 train from Arlington to Bedford. Robbing White-throats, Jays, Yellow Warblers

5 Deer (all hornless) seen in orchard at 7 am. 8 a.m., by Japh & George

Concord.

Ther WED. OCT. 9, 1912 Wea

Fog barling at 7.15 P.M. - Fair

Largely sunny partly cloudy. Cool with fresh westerly wind.

Worked all day with Japh & George behind Ball's Hill cutting trees in the maple swamp and about the Cook plantation. 2 Robins, 2 Herons, several Chickadees, a Creeper, a Junco, a Canada Thrush, Golden-creeper, a pair of Jays & a Hairy Woodpecker there. 4 White-throats at Cabin. Green Jay seen, Kingfisher seen, 2 Red & 5 Jays. Wash Hawk seen numerous. Red-shouldered Hawk seen in forenoon. Yellow-headed Vulture Yellow legs in creek morning - At 7.15 a Fox barbed seen or eight times across river. I have not heard one before for several years.

Concord

Ther THURS. OCT. 10, 1912 Wea  
 We move into farmhouse. 7 in

Sunny with light southerly wind.  
 Very warm at midday, cool at night in  
 Autumn coloring almost as fine  
 as ever in woods at farm but  
 almost wholly lost in Ball Hill light

Left camp down with the  
 horse this morning to move our  
 things to the farm. It took about  
 2 hours to get them ready & to  
 find among boats & canvas. The  
 river & meadows were exceedingly  
 beautiful but we had to leave  
 them. Many birds about. Chickadees  
 whistling, Jays & Hawks screaming.  
 Followed back as far as Benson  
 in our motor car. I walked down  
 to farm house. Spent most of day  
 in doors writing my Museum report.  
 Skipped through Perry Park for  
 before dark

Concord.

Ther FRI. OCT. 11, 1912 Wea  
 Stormy

Cloudy & foggy with light N.E.  
 wind and fine, drizzling rain  
 that began last evening & continued  
 through entire day.

The hickory trees behind the  
 barn are still densely covered  
 with golden foliage and the  
 beeches & pines on way along the  
 woods continue to glow brilliant  
 red while the high bush blueberries  
 are as richly colored as ever.  
 Very few birds about & none  
 of special interest noted. A  
 Partridge drumming loudly at  
 about regular intervals in the  
 run at foot of lawn.  
 Spent day working with the  
 man. He dug up some on shed for  
 laying back among them & Pat & I  
 identified a lot of things

Concord.

Ther SAT. OCT. 12, 1912 Wea  
Henry Henshaw comes Stormy

Cloudy & foggy with fine  
misty rain. Light easterly wind.

To Pine Hill with the men  
at 8 a.m. Spent forenoon  
fixing bench here first (by  
telephone) / obtained permission  
to do so from Mr. Marshall, the  
Concord Fire Warden. The  
men kept at it all day but  
I did not go down in afternoon  
as I wanted to receive Henry  
Henshaw. He found me at  
3.45. Gilbert going to station  
for him. He found us very  
talking in fact.

Saw or heard many small birds  
to-day. Several numerous warblers  
Black Duck flying over Pine Hill.

Concord.

Ther SUN. OCT. 13, 1912 Wea  
Fighting fire Fine

Sunny & warm with light  
westerly winds.

Henry & I went to Bernard's  
pasture after breakfast. After  
practising golf there then another  
I decided to have a look at  
our bench first on Pine Hill. As  
I approached it I saw a great  
cloud of smoke & then a long  
line of flames just below the  
opening & entering dense pines.  
Taking off my coat (a good one)  
I used this to smother the blaze  
& by the most strenuous efforts  
got it temporarily suppressed. This  
gave me time to call Henry & Gilbert  
& with us happened to be at Ball's  
the other day. They handled  
water. Several came shortly & from  
Pat. They worked all day. I  
went down again to get 1. the birds  
all day & love to report

## Concord

Ther MON. OCT. 14, 1912. Wea  
Fine

Clear & rather warm

Henry spent forenoon playing golf at Concord with S. O. Dexter. I spent in picking apples, chiefly Russets, Baldwins & blue peaches. They were of the largest size & very richly colored. It was a delight to handle & arrange them, selecting the finest to take to Cambridge.

Zeph & Gury picked all day. They got 32 bushels of Baldwins from one tree in the farm & garden.

Henry & I walked to Ball's Hill after dinner, returning via Holden's Hill where we picked up a lot of fine chestnuts. Saw many white-throats & juncos, 3 or 4 ticks & 7 Robins. Phoebe's swooning.

## Concord.

20 Ther TUES. OCT. 15, 1912 Wea  
Fine

Clear & cool with violent, gusty N. W. wind. Leaves falling in showers & blowing across roads & fields.

Spent forenoon with Zeph & Gury at Rachel's place picking Baldwins & Russet apples, some of them very large & fine. Henry went to Benson's pasture to practice golf with Smith O. Dexter came down at noon & dined with us. With him we walked to Ball's Hill via Birch-Ticket & Ball via Holden's Hill where we found the ground thickly strewn with chestnuts & filled our pockets with them. Started a Bellman in Hoar's meadow. Saw many Juncos & White-throats. Henry & I collected all the evening. C. Townsend had E. R. S. as well!

Concord.

Oak foliage coloring fast.

Ther

WED. OCT. 16, 1912

Wea

First ice.

Fine

Brilliantly clear with fresh cool N. wind. Pat reports boat ditch off B. H. All around with thin ice at 7 AM. At 7 AM we still have our bed of blooming Junos & another of nocturnes untraced by frost & our grapes are still unimpaired by it.

Henry went to Brewer's pattern for golf just after breakfast. I went with him most of way.

Returning spent most of forenoon sorting & buying russet apples. The men were picking all day. Pat with them. At 12.30 Henry & I

started for Boer's Hill to meet the Doyles - Mrs. & Mrs. & two

children whom I found very nice. They spent an hour pulling up chestnuts on the stone hill - saw a Swift alight near our boat ditch. Lots of Juncos & other birds

Concord.

Ther

THURS. OCT. 17, 1912

Wea

9 Geese in river off B. H. Sceptic.

Clear & very warm for season with fresh S. W. wind.

Spent most of day in orchard sorting & packing apples as the men were packed & poured them out on the ground by men. Lots of Juncos about. 3 Canada Nuthatches in elm at barn.

Henry went to Concord at 9 AM for golf. At 3 P. M. Gilbert saw 9 Canada Geese in river opposite cabin & hurried back to report to Henry & I started at once taking 20 f. gun & back shot. When we

reached Cabin Geese were 200 yds below in feeding heavily along opposite margin of river. I pushed out in canoe but had gun only few rods when flock rose & flew off Southward banking land. One big bird mounted straight up 80 or 100 ft. like Black Duck on landing water. Started 4 Partridges & a Pheasant. Saw a Rabbit in Bush Field & a Grouse in river near Pads lot.

Saturday  
Vine  
with Ch...



Concord

Ther FRI. OCT. 18, 1912 Wea  
2 Deer at Farm. Superb

Perfect Indian Summer day, Cloudless,  
very warm, with light S. W. wind.

Oak foliage apparently fading after  
a short period of no great brilliancy.

As Henry was starting for Danvers  
at 8 a.m. he called to me that  
he could see 2 Deer at foot of one  
Cane. When I got to him they had  
disappeared. We found them a month  
later in the Run & looked them for  
some time as they stood motionless  
looking at us making a pretty  
picture. Both were does - a big &  
a small one.

Spent a.m. working & packing  
apples as the main part of them  
We finished with last bin by noon  
yesterday went to Danvers to hear  
walk apples & grapes for C. & E. R. S.

In P.M. Henry & I walked to  
Ball's Hill. I took the gun along  
but saw nothing to shoot at.

Sunset calm & serene the air very  
soft & warm & full of flying birds  
& things. Partridge downy with  
at 2 Blue Gray Squirrels downy.  
Sally came from overland

Concord.

Ther SAT. OCT. 19, 1912 Wea  
Stormy.

Forenoon dusky cloudy with violent  
S. W. wind. Afternoon fairly & pleasantly  
warm & humid especially in late P.M.

Spent forenoon packing apples &  
making baskets & barrels of them  
to send away. Left work 10 A.M.

To Concord in P.M. 2 of them  
for the Jeffersons at Oxford.  
Henry went to Concord after  
breakfast to play golf. We  
stayed in doors after dinner  
until 4 P.M. when S. O. Dyer  
& his brother drove down. We  
walked to Ball's Hill with them  
seeing a Bob flying there. Very  
fine birds noted to day.

The men cut down two elms  
behind house planted them by  
John & John Barner in 1876.

## Concord

Ther SUN. OCT. 20, 1912 Wea  
Fine

Clear & rather cool with light N. wind. No universally killing frost as yet. Ternias, Nostochium & plant still blooming at farm. We have eaten most of the grapes there.

Henry & I walked to Lawrence's place soon after breakfast. Dexter's brother joined us there. I went on to Beth & later to Davis Hill with Zeph, to look trees for cutting. We found a Fox's earth with fresh tracks & an enormous pile of ground in P. north fence. I looked 5 Partridge. As we were passing this orchard at farm a red Screech Owl started from leafy apple tree 20 yds in advance of us off into the River. In P. M.

Henry & I went to Lawrence's to see his apples. Saw 2 Humm. in Berry Pos. by pond in which only a little water is now left.

## Concord

Ther MON. OCT. 21, 1912 Wea  
Fine

Clear & warm with light E. wind. White frost in early morn. Oak foliage about at its most brilliant stage of autumn coloring.

Spent most of day at farm working with the men. We cut down a number of elms near house & barn. One big one lodged in another & gave us much trouble. I am obstructing the triangular cluster of elms & grape vines between shed & barn. Later the water will be removed. At 3.30 P. M. Henry & I started for a walk. We went first to Birch Island & thence to Lawrence's farm woods straying through his woods & fields of open fields. It was a perfect afternoon, mild & still.

Concord.

Ther TUES. OCT. 22, 1912 Wea  
H. W. Henshaw departs. Glorious

Clear & warm. Forenoon dead calm. Light E. wind in P.M.  
A rarely beautiful & indeed perfect day. Most of the trees except oaks have shed their leaves & the woods have a wintry look in many places.

Henshaw left me soon after breakfast to go to his sister's. Gilbert took him to Concord & spent most of day there making repairs at Henshaw's on the Cadillac car. I went to Ball's Hill with the team man, returning for lunch. We cut down trees & boxed two woodchuck holes in swamp. Jim Melvin passed near there in P.M. & we called for an hour. Saw five Fox Sparrows in Brook Field. Skated 3 Partridge on Farm & 3 at B.D. Red-throated Hawk seen nearby.

Concord.

Ther WED. OCT. 23, 1912 Wea  
2 Deer on Ball's Hill Rainy

Early morn. deeply foggy. Light rain in forenoon, frequent showers in afternoon & a tremendous downpour from 4 to 8 P.M. Very warm. Light E. wind.

Spent day at Ball's Hill. Crossing river at 8:30 we cut down the big ~~scattered~~ oak by boat house that died two years ago. The stump showed 75 rings of annual growth. Then crossing river we worked in & near Coach plantation cutting trees, felling logs etc. Two Deer walked close past Pat while the men were chipping & reeking a lot of noise, but I did not sight them. Saw a Kingfisher on horse path, 4 Robins & a Flicker in maple trees. 2 Heavy Sandpeppers. Started at least 7 half grown young Phalaropes & their mothers in Ball's Hill place & Song Sparrows. 3000 Green Blackbirds in Harris field.

Concord.

Ther THURS. OCT. 24, 1912 Wea  
Dull

Cloudy, warm, humid. Early morning foggy. Several showers - one very heavy one in P.M. Sky cleared before sunset. Wind S.W.

Gilbert went to Cambridge for the day to help clean houses. Left down here to & from Concord. I worked with 3 men all day in Berry Pasture. We cut many trees, chiefly elms & birches, & burnt an enormous quantity of brush - after obtaining permission to do so by telephone, from Mr. Morrill; this necessary. Very few birds about. Saw a fine cock Pheasant in field. Just after heavy shower every twig was loaded with rain drops. In sunlight hills ice diamonds.

Concord

Ther FRI. OCT. 25, 1912 Wea  
Rainy

Early morning foggy & calm. Sun showing at 9. Heavy showers all night & drizzling rain most of afternoon. Wind S. to E. Very warm & humid.

In Ball's Hill with 3 men at 8 a.m. Spent forenoon there burning brush (by permission from Morrill) & cutting a few trees. Business cutting on his own account. In afternoon worked at Farm hauling brush & wood & preparing the floor for brick floor.

At 7 a.m. the Farm found down with birds. There were Crows calling, Jays screaming, Chickadees, White Throats & juncos calling, a Pheasant calling. At noon & later saw 12 Robins flitting about. Blackbirds calling in early noon at Farm & Ball's Hill. 7 Crows Blackbirds flying low E. at 3 P.M.

## Concord.

Ther

SAT. OCT. 26, 1912

Wea  
Fair

Forenoon largely cloudy. Afternoon sunny. Calm & warm all day. Terns still in bloom at Farm & one pink lady's slipper blossom on B. H.

Spent day in firm ground at rear of Ball's Hill working with my team men. We cut a lot of trees, chiefly birches, and trimmed dead wood from others. Casting brush out into meadow & burning it there. Berries were there. Trimming & burning for harvest. Gilbert came down & got dinner at cabin. I with Dexter going was just in town for it. Walking down in early evening I heard 5 Partridges all at once in Bull Field & 3 more at E. end B. H. As I came out of cabin at sunset a pair Blue Heron rose from marsh of ditch across swamp & flew respectively off on road meadow.

## Concord.

Ther

SUN. OCT. 27, 1912

Wea  
Fine

Clear & warm with light W. wind. Crickets chirping, Wood Frogs croaking, Yellow Butterfly on wing. (Dragon Fly yesterday). Some of the Terns & Gulls in bloom. First Winter Wren & Tree Sparrows.

Spent entire day alone & out of doors, rambling about in woods on Farm plowing whole for coming week. In Berry Pasture just after breakfast saw a Winter Wren, 2 Tree Sparrows, 5 Robins, a Flicker & 2 Blue Jays. Later in day started 2 Cuckoo Pheasants out of corn & 2 Partridges from corn. 2 White-throats & a Fox Sparrow front of house. What has happened Peckering Hyles? I have not heard a down call all the afternoon despite the wonderful warm, calm weather prevalent.

## Concord,

Ther

MON. OCT. 28, 1912

Wea

Fine

Clear & rather cool with light northerly wind.

Spent entire day within 100 yds. or less of farm house working with the men. We put in posts for grape vines, removed a section of wall in front of house, hauled off a lot of rubbish and planted many crows & jonquil bulbs. There were many small birds about, chiefly juncos, with 3-7 sp. Sparrows, 2 White-throats, a Song Sparrow, a White-b. Nuthatch a D. Wren & 5 Robins, a solitary Crow Blackbird. Walked through Berry Pasture & Pilebin place at evening. Phoebe calling.

## Concord

Ther

TUES. OCT. 29, 1912

Wea

Fine

Clear & very warm with light southerly wind.

Spent forenoon at farm working with Zeph, Pat & George in the rear. We began to work right finished cutting out a new wood road then leading from the public road, into & down the run towards Pulpin Brook. Most of the trees are now very green & large size.

Dan French joined us shortly after dinner. He had a delightful walk to Bull's Head via Bird Field & Pine Hill, returning via Holliston Hill. Saw very fine birds. Evening spent in parlor talking. Dan looks up amazingly well & much younger than he has for a number of years.

Concord

Ther

WED. OCT. 30, 1912

Wea

Clear & oppressively warm with  
strong S. W. wind until about  
4 P. M. when the wind shifted  
to N. W. & the air became  
refreshingly cool. Mr. Dexter  
who came down to dinner tonight  
said that the Concord  
winter season, however, has  
told him that the past month  
has been the warmest October on  
record.

Dear Friends left us at 7.50  
A. M. to take 8.06 train for  
Boston & evening train for New York

I spent day with 3 men  
working on wood land on  
Berkshire Range. We have it all  
cut out in the rough woods. Buy  
fence posts & run of wire.

Concord

Ther

THURS. OCT. 31, 1912

Wea

Fine

Clear & warm with light W. wind.

Spent day working with the men  
at Bell's Hill, doing there. We  
were all as busy as could be  
putting away things for the  
winter & making certain innovations.  
The screens were taken out &  
Tape replaced the posts of the  
outer approach to my sleeping room  
with new & heavier ones. T. A.  
& George hauled a lot of dirt  
for the new road way. I saw  
very few birds. A Red-shouldered  
Hawk & a flock of about 15 small  
blackbirds that looked & called like  
Red-wings, a few Chickadees, a few  
a Flicker etc. A Sparrowhawk  
flashed slightly in the doorway  
in front of fence horizontally as I was  
at the window.

Concord.

Ther

FRI. NOV. 1, 1912

Wea  
Stormy

Fairy red sunrise, cloudy forenoon,  
heavy rain from 1 to 8 P.M.

Warm with violent S.E. wind  
(blowing a gale in early evening).

Spent forenoon with Eph, Pat,  
Benson & George. Barked cutting  
oaks, beeches & some cherries on

the wooded slope north & east  
of the barn at the farm. We  
finished this task at noon  
when few trees were left except  
rickows of which there are very  
many, mostly not over 20 ft. tall.

After the rain began we  
went to work in the woods  
shed laying bricks for flanking.  
I put them in place myself as  
the men hounded them in  
very few birds. One Robin near house

Concord - Cambridge.

Ther

SAT. NOV. 2, 1912

Wea  
Fair

Clear & cool with fresh N.W. wind

My last day in Concord. Spent  
most of a morning with the men  
pulling away things for the  
winter, selecting offers to go

to Cambridge, etc. We finished  
laying bricks from in shed at  
11.15 when Eph, George & I went

together to woods bordering road  
to Beneswood. George is to cut  
all the wood there this winter

& he wished me to bless the  
trees he is to fallow. He has  
agreed to cut & stack the wood  
and for 1.35 per cord. Eph  
is to haul it over into road.

At 3.55 P.M. Eph & I left  
the farm in the Cadillac car which  
cannot run to Bradford. I  
took the 4.35 train for  
Cambridge



# Cambridge

Ther SUN. NOV. 3, 1912 Wea  
28°-36° Fine

Clear & cold with strong, chill N.W. wind. Little pond in garden diminished over ~~surface~~ of ground rather hard frozen, this morning.

To Boston with C., E.R.S. & Mrs. Wyman at 10.10 a.m. in allied service at St. Pauls. Good sermon by Dr. Romanus, Home by 12.15.

The Stoups & Miss Allen dined with us on Chalkers from Farns, Gilbert, having left them there yesterday, had to go for them this morning in the Cadillac car. The Stoups stayed until

4.30. After they left I wrote a few letters. C. & E. read to me in hall this evening. Saw 3 Chalkers & a Blue Jay in Garden. Got down very good *Isabella* & *Catawba* paper this afternoon.

# Cambridge - Boston

Ther MON. NOV. 4, 1912 Wea  
Fine

Clear & cool with fresh westerly wind.

Spent forenoon in Museum writing letters. Went to Boston at 12.30, lunched at Bunch O' Grapes, called at Safety Bank for two 1000 Mass Bonds & sold them to Koloback & Co to make good deficit due to recent payment of taxes (they were bought for that purpose last March). I talked with Arthur about *Isabella* compensation. We reached no definite conclusion.

Saw Gallows & *Isabella*. Bought 200 Snow drop & 100 *Isabella* bulbs at Fother, Fells, Parsons & 34, worth of farming tools, baskets etc at Bucks!

Home by 5.30. Nucleus Club this eve.

Time reading - Judge Janney on trip to *Isabella*. Evening paper from the back of House *Isabella* told us of birds of the

Cambridge.

Ther

TUES. NOV. 5, 1912

Wea

National Election.

Fine

Clear, calm, mild.

Noted in Garden. 3 Chickadees,

1 Brown Creeper, 3 Goldfinches, 1 Junco,  
1 Field Sparrow, 1 White throat, 12 House  
Sparrows, 2 Blue jays, 1 Flicker,  
1 Downy.

To polls at 9 a.m. Voted for  
Wilson & Marshall & for Bird as  
Governor; otherwise voted straight  
Republican ticket. Dr. Coolidge, whose  
95<sup>th</sup> birth-day passed last week,  
attended polls & voted while I was there.

Spent most of day planting  
bulbs in lawn with Percy's help.

Jeff came down in forenoon  
with 20 bushels of apples & about half  
a bushel of peaches. E.R.S. read to us  
in hall this evening.

Cambridge

Ther

WED. NOV. 6, 1912

Wea

Fine

Clear & warm with fresh W. wind

Noted in Garden ② Hermit Thrushes,

② Chickadees, Canada Nuthatch (eating seed),  
Brown Creeper, ③ Goldfinches (mostly H.),  
⑩ Juncos, ② Blue jays, ④ Crows,  
Flicker, Hairy Woodpecker in lindens  
for 10 minutes, very noisy (rattling call)  
chased back & forth by an House Sparrow,  
Downy W. (1/2 in leaf)

Spent entire day working with  
Percy planting bulbs in lawn & in  
front of house. Also planted some  
Japanese iris in garden.  
Gilbert working on aquaria. We  
have taken out all the goldfish (7)  
from the pond & built them a  
new one you have heard 2 years ago  
E.R.S. read newspaper to us this eve

Hairy Woodpecker in maple corner board & beetle etc





Cambridge

Ther MON. NOV. 11, 1912 Wea  
A.O.U. Council & Business Meeting Fine

Clear, calm, mild.

The Council Meeting of A.O.U. began at 10.15 a.m. in my study in Museum. By that time all expected had arrived viz. Batchelder, Brewster, Chapman, R. Deane, Dwight, Elliot, Fisher, Osgood, Sage & Stone.

We had lunch in house at 1. P.M. & after that a short afternoon session. Mr. & Mrs. Chapman, Elliot, Osgood & Lydia Jones, our guests for the week, were added to at dinner by R. Deane, Dwight, & Sage. invited for this dinner at the business evening meeting held in my big room in Museum on hall, besides the 10 Councilors, Bent, Barnes, Bishop, Jones, Bangs & Chadbourne. Election of Fellows a long struggle ending in defeat of Hooper. Meeting lasted until about 12.30

Cambridge

First Public Meeting - A.O.U.  
Ther TUES. NOV. 12, 1912 Wea  
Batchelders receive 5 P.M., I at 8 P.M. Fine

Clear, calm, mild.

Attendance at this the first public meeting of A.O.U. Congress (30<sup>th</sup>) was large. The big lecture room in Geological Section of Mans. C. Z. being well filled. Chapman & Job both had good lantern slide shows & talks. The latter overran his time more than half hour, thus crowding out certain talks by Pearson who was much offended. Believing that Fisher (in chair) adjourned meeting expressly to get rid of him. We all went from Museum to Batchelder's reception. His house crowded with members.

I received male members in my Museum from 8 to 11 P.M. Fifty seven came among them Prof. Fred Patterson & John Hooper. Kyrle, Salt, in cream and sunset at 8 in my study.

Cambridge.

A. O. U. Meeting - second day.

Ther

WED. NOV. 13, 1912

Wea

Annual Dinner

Dull

Cloudy & sultry with light rain  
after dark.

Morning meeting in Nash Lecture  
Room, afternoon in Geology Dept.  
large attendance with more  
than half of audience women.  
Papers not especially good.  
Annual dinner in Brattle Hall  
building. About seventy women.  
I sat with the Chapmans &  
with Finches who arrived  
this morning & is one of our  
guests, showing Ogden's bed.  
I had to make an address  
of welcome, very trying although  
short & impromptu. One  
home party went back early  
about 9:30 but we got up  
late today.

Cambridge

A. O. U. Meeting - last day.

Ther

THURS. NOV. 14, 1912

Wea

Reception for ladies A. O. U.

Stormy

Cloudy & cool with heavy rain in  
afternoon & evening. Very dismal day.  
Forenoon meeting only closing  
30<sup>th</sup> Congress, A. O. U. It opened  
with good paper by Alexander Forbes  
on Flight of Gulls. This followed by  
heavy discussion in which Jack Nichols  
Harry Beyer, Finches, W. B. & others  
took part. Then we had a formal  
Lenten slide paper by Cleaves with  
pictures of Black-bark Gulls were especially  
very good attendance. After lunch  
at Colonial Club we had Council  
meeting then. Home by 3 P.M.  
My caption to lady members of  
Union in Museum 4-6. About  
35 came. Walter helped my short  
collection. G. & E. R. S. assisted by  
Ernest Greenough & Mrs. Bolles.  
Ellis, Chapman, Finches, Ogden, Jones

Cambridge.

A. O. U. Meeting - second day.

Ther

WED. NOV. 13, 1912

Wea

Annual Dinner

Dull

Cloudy & sultry with light rain after dark.

Morning meeting in Nash lecture Room, afternoon in Geology Dept. large attendance with more than half of audience women. Papers not especially good. Annual dinner in Brattle Hall building. About seventy words. I sat with the Chapmans & with Finster who arrived this morning & is one of our guests, showing Boggs's bed. I had to make an address of welcome, very trying although short & impromptu. One home party went back early about 9:30 but we got up late today.

Cambridge

A. O. U. Meeting - last day.

Ther

THURS. NOV. 14, 1912

Wea

Reception for ladies A. O. U.

Stormy

Cloudy & cool with heavy rain in afternoon & evening. Very dismal day.

Forenoon meeting only closing 30<sup>th</sup> Congress, A. O. U. It opened with good paper by Alexander Forbush on Flight of Gulls. This followed by kindly discussion in which Jack Nichols, Harry Bigelow, Finster, W. B. & others took part. Then we had a formal lantern slide paper by Cleaves with pictures of Black back Gulls were superb. Very good attendance. After lunch at Grand Club we had concert featuring Loren. Home by 3 P.M. My caption to lady members of Union in Museum 4-6. About 35 came. Walter helped me show collection. G. & E. R. S. assisted by Erady Greenough & Mrs. Bolles. Elliot, Chapman, Finster, Boggs, Jones

Concord

Ther SUN. NOV. 17, 1912 Wea  
Deer seen near house Dull.

Clear sunrise with ground  
hard frozen & snow white with  
hoar frost. Remainder of day  
cloudy & mild but chilly.

Scouting for Christmas trees then  
going to Pine & Davis Hills via  
Birch Field in A.M., in P.M.  
through woods of Farm.

Birds noted: (9) Robins in lawn,

(13) Tree Sparrows in orchard;

(5) Chickadees at Farm (2) at Pine Hill

1 Creeper at Farm, Golden Oriole  
heard in Pines & White Birch  
Hedge on Pine Hill, Flicker at

Barns, (25) Goldfinches (Pine Hill),

(2) (2) Juncos, 2 Jays, 4 Crows.

11 Partridges (6 Blue J. Pine Hill, 3 Partridge  
3 Raspberry at 7.) 3  
Pheasants (1) A big doe seen by Zeph  
at 5 P.M. within 15 ft. of our shed. I  
saw her directly in front of the garden a  
little later.

Sparrows seen in yard

Concord

Ther MON. NOV. 18, 1912 Wea  
First snow-flakes. Dull.

Cloudy & cold with high N.W.  
wind. Large, scattered snow-flakes  
falling every now & then. My hands  
numb with cold much of time.

Spent day at Farm working  
with Zeph & Bensen. In forenoon  
we put in posts for grape trellis  
in front of barn & hauled in  
a lot of pine cut Saturday.  
In afternoon we went to  
Birch Field & cut a wagon load  
of young pine to take to  
Cambridge for Christmas trees &  
winter covering. Started 3  
Partridges there. Saw a Pheasant  
in field front of house at 7 a.m.  
One Junco, a Flicker, a Jay &  
several Chickadees the only small  
birds noted.

Sparrows seen in yard



Concord - Cambridge.

Ther TUES. NOV. 19, 1912 Wea  
Pine Warbler. Fine

A few Sparrows sang in garden at 7 am. Times at 11 a.m. & 12 noon & 4:27 train to Cambridge.

Clear with light S.W. wind. Ground hard frozen at sunrise, muddy before noon.

Spent forenoon at Farm working with Pat & Zeph. (The former reappeared at 10 a.m. having been missing ever since Am 6<sup>th</sup>). We cut pines in Bay Pasture & front of Bengals & barked raspberries with them.

♀ Pine Warbler with ♂ Chickadee in orchard on ground & in apple trees. Very tame. Got within 10 ft of her. 6 Tree Sparrows & 2 Juncos in wood patch rear of house. As I was watching

them a fine old ♂ Sharp-shin Hawk passed down on this side of Chelmsford rd. then successively but so closely that all easily caught him. They all then scattered & I kept watching & the Hawk flew off westward toward Ringlet. I saw 2 Jays, a Flicker & 3 Phoebe's (in Barnard's field). Heard Goldfinch go back to Hill at 1 P.M. Capt. near from them. Heard Chickadee & Goldfinch. Road fence as seen near at 3.45. Just as in road a flock of 40+ Snow Buntings passed & alighted in 2 places on Hill Hill where they made a great clatter. Heard Fox Sparrow in house near front porch. Took 4:27 train to Cambridge.

Cambridge - Boston

Interview with Blackwell.  
Ther WED. NOV. 20, 1912 Wea  
Trustees Com. Agreement. Fine

Clear, calm, very mild. Frost all gone

Birds noted in Garden at 9 a.m. were 6 Goldfinches, 4 Juncos, 1 Fox Sparrow, 1 White-throat, 1 Blue Jay.

Business call on Howard Blackwell. I call he asked me to allow him \$100 for painting waterbury cradles etc. This I granted. He then asked me to put in new bath room under front stairs the cost was to exceed \$500. he to pay 6% interest on this sum as additional rent I took this under consideration.

To Boston at 11.30 a.m. at our office from 1 to 3.45 P.M. Long talk with Arthur about Trustees' Compensation etc. I wrote him on 10<sup>th</sup> that I could not continue to serve as Trustee of Estate for less than \$2500. annually. To this he & Ruthie agree, he said to-day. They will serve for \$1500. each. We discussed reinvestment of Watson's mortgage money & consulted Ruthie & Shearson. Decided finally to put \$15000 in Copley Square Trust, \$5000 in Cowyansett Life mortgage & remainder in Irving & Chicago bonds. Also discussed stamp of Newell call at Woodbury. Arthur suggested taking one of stores under Town Hall for Museum. I wrote Captain Blackwell to visit from office. Showed to Acad. Soc. meeting at Bos. Soc. 4 P.M. Eight members present. Meeting adjourned 8:00 Home by 6.

## Cambridge

Ther THURS. NOV. 21, 1912 Wea  
Fine.

Indian Summer day, clear, calm very warm.

Seen in Garden (3) Chickadees, (4) Goldfinches,  
(3) Juncos, 1 Fox Sparrow, 1 White-throat,  
♀ Honey Woodpecker, 1 Blue Jay.

The Woodpecker, a very large one, spent at least ten minutes among the small trees (hawthorn before & back) in front of Museum checking steadily up their stems, tapping them lightly here & there but getting no food.

I was in Museum all day (working at odd tasks) / Saw for two hours in forenoon which I spent with our tenants.

Anthracoid Blackwell to spend \$50. on new bath room & 100 on renovations;

Agreed with Mrs. Bremer over bad work on her wall floors; promised Mrs. Gage to cut down tree maple in her yard.  
Purtham Dean called at 3 P.M. & stayed until 8, talking

## Cambridge.

Ther FRI. NOV. 22, 1912 Wea  
Fair

Chiefly cloudy with sun shining dimly at times. Calm & mild but chilly.

Noted in Garden Chickadee (heard), Brown Creeper (heard), Downy W. (heard) House Sparrow 10, Herring Gulls 7

Spent most of day in Museum writing letters. Gilbert took me to Harvard Square at 10 A.M. to send telegrams to Henry & Allen to say I should now go to Washington. I had planned to start to-day but found I could not well get through in time to be on Allen's office at appointed hour (1.30) Saturday. The trains run very slowly & inconveniently now owing to bad connections. C. & E. R.S. read about in hall this evening.

## Cambridge

Ther SAT. NOV. 23, 1912 Wea  
 Ruby-Crown Kinglet. Fine

Clear, calm, very mild. Another typical  
 Indian summer day.

Noted in Garden. Ruby-Crown Kinglet,  
 10 A.M., in shrubbery & old cedar front  
 of Museum. Uttered characteristic chatter  
 many times. Apparently ♀ but I failed  
 to get good view of crown. Bird alone  
 for several minutes, then joined & bullied  
 by House Sparrows which drove it off out  
 of sight over houses & trees to westward.

Chickadee (2), Goldfinch (2), Fox Sparrow (1)  
 Jay (1), Crows (3), Phoebe (1).

Spent most of day in Museum  
 writing letters. Leph came from Concord at  
 10 A.M. bringing load of pears & more  
 apples. Gilbert went to Farm in motorcar  
 for ground pine getting back at noon.

We put up from shells about the doorknobs  
 in P.M. The McMillans & Miss Valentine  
 called at 8.30 staying an hour.

## Cambridge

Ther SUN. NOV. 24, 1912 Wea  
 Stormy.

Heavy N.E. storm with violent wind  
 & a deluge of rain in the afternoon.

Noted in Garden only a Goldfinch  
 & a juncos feeding in tops of seed-  
 laden birches and a dozen or more  
 House Sparrows flitting about.

Spent most of day in Museum  
 writing up neglected bird notes  
 for the journal from condensed  
 passages in the daily entries  
 in the diary relating to Pheasants,  
 Canada Geese & Deer at Concord.

At dinner we had Mrs. Wymar,  
 Sally Dearborn, Jimmie Chapman &  
 the Misses Rogers. E. R. S. read  
 aloud in hall this evening.

# Cambridge

Ther MON. NOV. 25, 1912 Wea  
Resume Umbagog work, Dull

Cloudy & chilly with high W.  
wind & occasional flurries of snow

In the Garden saw 2 Chickadees  
& about a dozen House Sparrows &  
heard a Junco & 2 Jays.

C. Spent forenoon in Museum  
type writing her journal & I  
resumed work on my Umbagog  
book taking up the American  
Scout story which was not quite  
completed last August & adding  
to it a fresh page of M.S.  
which occupied me until 6 P.M.

C. & E. R. S. went into Boston  
to the Tremont Theater this evening.  
I spent it at the Almy's where  
I saw most of the family & had  
a good talk

# Cambridge - Boston

Ther TUES. NOV. 26, 1912 Wea  
Dull

Cloudy & cool with light S.W. wind.

Only House Sparrows noted in Garden.  
Spent upward of an hour in Museum  
after breakfast. Started for Boston at 10.30  
Reaching office had long talk with  
Arthur at Trustee matters & Judge  
Abbott. Arthur sent for Mr. Abbott, his  
lawyer, & we talked with him also.  
After lunch (at Bunch O' Grapes) I  
spent about 2 hours looking up stock  
certificates & other papers & taking them  
to Safety bank which I visited three.  
Looked out certificates 21 shs. Tel. & Tel. to  
have 10 shs. sold to pay for 5 new  
shs. Edison Ebe. Remaining 11 shs. Tel. to be  
returned to bank later. Had long  
talks with Gallinger & Darling about  
Estate matters. Our "residuary" will  
be less this year because of heavy expenses  
for repairs to house (7,000 for 149 days).  
Got home at 5.30. E.R.S. & C. the weather

Cambridge

Ther WED. NOV. 27, 1912 Wea  
Fine

Clear & cool with fresh N.W. wind.

In the Garden saw 3 Chickadees  
a Bronco Creeper & about 15 House  
Sparrows; heard a Flicker calling  
& Crows cawing. One of the  
Chickadees of this trio seen here  
almost daily has a very faint voice  
and utters the usual chick-a-dee-dee  
notes in what might be termed  
a shrill whisper.

Spent day in Museum working  
on Butler-bell story. I went  
badly & I added less than a  
page of fresh matter. Balchelder  
called at 4 P.M. A box containing skins  
of 5 Esquimaux Curlews shot last August  
in Labrador, came from Dr. Greenhall  
through Miss White to-day. Gilbert  
went to town for them at 9.30.  
E. R. S. took 9 a.m. train for Bangor.  
C. read to me in hall this evening.

Cambridge

Ther THURS. NOV. 28, 1912 Wea  
Winter begins(?) Snow Storm

Early morn gray & chilly. Snow began  
to fall at 10.30 & continued until  
4 P.M. when the ground was covered to  
depth of about 2 inches & the trees loaded.  
After this it grew rapidly cold & colder.

In the Garden, just after breakfast,  
saw a ♂ Downy & 3 Chickadees.  
Called on Blackwell, 9 a.m., & spent hour  
discussing plans for his new bath room.  
After that wrote letters until 1 P.M.  
at 1.30 C. & I sat down to dinner with  
13 guests: - Will & Alice Stone, Geo. V.  
Lowell, Mrs. Edward Wymann, Mrs. H. E.  
Scudder, Mrs. Mansfield, Miss Jennie  
& Emily Chapman, Miss Holman, Miss  
Harkness, Miss Purdie, Miss Swasey &  
Mrs. Hillhouse. As C. played the rest  
danced a Virginia Reel after dinner.  
Our maids Alpha & Loren waited on  
Swedish Castles. Lowell stayed with C.  
C. read to me after supper.

Cambridge - Boston

Ther 20° FRI. NOV. 29, 1912 Wea Fine

Clear & cold with light W. wind.

② Blue Jays in the Garden.

Spent day in Museum, working up to 11 a.m. on letters, after that on Scooter story.

By Robert Walcott's invitation I dined with him & F. H. Allen at Union Club at 6.30 & went with them to meeting of Travelers' Club at 8.15 to hear Stephenson lecture on his experiences in Victoria Land among the blonde Eskimos. He was most interesting & pleasing. I talked with him, with Schepard, Dr. Mack, Bachman & others.

Got home at 12

Cambridge - Boston

Ther SAT. NOV. 30, 1912 Wea Loon? in Charles River. Fine

Clear & mild with fresh W. wind. Snow & ice all gone by sunset.

Chickadee heard & 2 Jays seen in the Garden.

To Boston at 10 a.m. Spent about 2 hours in our office. Had talk with Arthur & dictated letter to my cousin Elizabeth about turning stone under Town Hall into Museum. Discussed selling Appleton St. Land. Went to 20<sup>th</sup> Century Club at 12.30 & met C. Thoreau. After a good plain lunch we heard Henry George see Single Top & the Baroness von Suttner on War versus Peace. She was fine & interesting. Room crowded. Got home at 4 P.M. In river off foot of Sparks St, saw at 10 f. W. what looked like an adult loon swimming close to opposite shore.

## Cambridge.

Ther 36° max. SUN. DEC. 1, 1912 Wea Fine.

Clear, calm & cool with dry air devoid of chill. A perfect day.

3 Chickadees, 1 Junco and 2 Jays seen in Garden.

Met C. at St. John's at 10.40. Walked over to Mt. Auburn St. on way down hoping to see supposed loon again but it was not visible. Yesterday it was in lumpy, wind-ruffled water close to duck castle shore & hence I showed poorly. Dr. Hodges preached a good sermon. Got back at 12. Miss Allyn ours only guest at dinner. E. R. S. returned from Bangor last night. I walked a little on Huntington walk after dinner. The Melvins came at 4.30 for half an hour. E. had to see the

## Cambridge.

Ther MON. DEC. 2, 1912 Wea Stormy.

Forenoon cloudy. Heavy rain in late afternoon. Warm. Head strong S. W. by

Heard a Brown Creeper & Chickadee in the Garden. A Screech Owl heard there by Percy about 9 P.M.

Spent day in Museum working on Butter-bird story. C. typing in forenoon. Gilbert took an Cadillac car to Concord to store in Barrett barn for the winter.

Natural Club meeting this evening. 16 present. Annual election Townsend made Vice President in place of T.H. Allen & John Baker Secretary & replace Glenn M. Allen. Other minor changes. Mendel told of trip to Labrador in 1876. I showed 5 albums

Dr. Hodges 1912 + 1913 + 1914 + 1915 + 1916 + 1917 + 1918 + 1919 + 1920 + 1921 + 1922 + 1923 + 1924 + 1925 + 1926 + 1927 + 1928 + 1929 + 1930 + 1931 + 1932 + 1933 + 1934 + 1935 + 1936 + 1937 + 1938 + 1939 + 1940 + 1941 + 1942 + 1943 + 1944 + 1945 + 1946 + 1947 + 1948 + 1949 + 1950 + 1951 + 1952 + 1953 + 1954 + 1955 + 1956 + 1957 + 1958 + 1959 + 1960 + 1961 + 1962 + 1963 + 1964 + 1965 + 1966 + 1967 + 1968 + 1969 + 1970 + 1971 + 1972 + 1973 + 1974 + 1975 + 1976 + 1977 + 1978 + 1979 + 1980 + 1981 + 1982 + 1983 + 1984 + 1985 + 1986 + 1987 + 1988 + 1989 + 1990 + 1991 + 1992 + 1993 + 1994 + 1995 + 1996 + 1997 + 1998 + 1999 + 2000 + 2001 + 2002 + 2003 + 2004 + 2005 + 2006 + 2007 + 2008 + 2009 + 2010 + 2011 + 2012 + 2013 + 2014 + 2015 + 2016 + 2017 + 2018 + 2019 + 2020 + 2021 + 2022 + 2023 + 2024 + 2025 + 2026 + 2027 + 2028 + 2029 + 2030 + 2031 + 2032 + 2033 + 2034 + 2035 + 2036 + 2037 + 2038 + 2039 + 2040 + 2041 + 2042 + 2043 + 2044 + 2045 + 2046 + 2047 + 2048 + 2049 + 2050 + 2051 + 2052 + 2053 + 2054 + 2055 + 2056 + 2057 + 2058 + 2059 + 2060 + 2061 + 2062 + 2063 + 2064 + 2065 + 2066 + 2067 + 2068 + 2069 + 2070 + 2071 + 2072 + 2073 + 2074 + 2075 + 2076 + 2077 + 2078 + 2079 + 2080 + 2081 + 2082 + 2083 + 2084 + 2085 + 2086 + 2087 + 2088 + 2089 + 2090 + 2091 + 2092 + 2093 + 2094 + 2095 + 2096 + 2097 + 2098 + 2099 + 2100

## Cambridge

Ther

TUES. DEC. 3, 1912

Wea  
Fair

Clear, calm mild. No frost on ground. City lawns as green as in summer. Few birds.

Chickadees heard in the Garden.

Spent day in Museum working ceaselessly on Butler-bill story.

In forenoon produced nothing worth keeping. In afternoon wrote a log that may serve. I am still rusty with pen, evidently.

Noble, a writer for Boston Globe, called at 8 P.M. by appointment to interview me about my collection & work. He is an intelligent reader & interesting. He stayed until 10.30. I am to see his story in No. 8. before it is set up.

## Cambridge.

Ther

WED. DEC. 4, 1912

Wea  
Fair

Forenoon cloudy; afternoon sunny. Pleasantly cool with light westerly wind.

A Chickadee & about 12 House Sparrows the only birds noted in the Garden.

Spent day in Museum working on Butler-bill story & making pen progress. It is, however, almost finished now. Miss Stinson lunched with us. She sails for England on Saturday.

Noble sent up type written copy of his article this evening. I do not like it & shall insist on many changes & diminutions. It is too personal by far, & also loosely written. E.R.S. began a new Great Story this evening. "Major Kents' Niece".



Cambridge

Ther THURS. DEC. 5, 1912 Wea  
Fine

Clear, calm, mild. Gnat-like insects dancing in the sunlight. All conditions much as in early November.

In the Garden heard a Cuckoo & a Chickadee. Saw Sparrows & a Crow on wing.

Called on Geo. Noble at 9 a.m., taking back his M.S. He was very good about it and at once accepted all the numerous changes & eliminations I had made. We talked about an hour.

Returning I at once attacked the Buller's bill story & completed it by writing a final page. G. worked all forenoon typing from my M.S.

In P.M. wrote letters & checks for bills. E. R. S. read from the "Mays' & Meier" after dinner to night.

Cambridge - Boston.

Ther FRI. DEC. 6, 1912 Wea  
68 1/2° at 2 P.M. Fine

Clear with fresh S.W. wind. Warmest December day on record, according to morning papers. Air-furnace-heated houses intolerable.

Chickadee & Hairy Woodpecker heard in the Garden.

Spent forenoon in Museum. Began Buller's story & wrote a page of it. Kennard interrupted me about noon to explain his refusal of Estlin's Avocets. He was very nice about them & insisted on helping me out but I would not accept it. Smith Dexter appeared at 1 & lunched with me. We went on train together at 2.35. I spent 2 hours in office & had talk with Arthur about museum at Wolfboro. He considered plans by architect just sent them by us. He decided I am to consult Abney about it. At 5 left office, bought Christmas card & went to Athletic Club to dine. To meeting N.E. Bee. Club at 8.15. Good lecture on Shad Bunker. I joined in discussion.

Cambridge,

Ther

SAT. DEC. 7, 1912

Wea  
Dull.

Cloudy, calm, intensely chilly but not frosty.

In the Garden saw 2 Chickadees & about a dozen House Sparrows.

Spent day in Museum working on Bittern Story & writing a second page of M.S. Also wrote a few letters. Telephoned Gen. V. Loewell suggesting that he buy one of the Greenfield Eskimo Curlew at \$50. to give to Mrs. Conop. Zoology. He agreed to this at once & will send his cheque to-morrow. Thus 3 of the 5 birds are disposed of. Write Kennard offering him his pick of remaining two for \$25. Both are in poor condition & not worth more than that.

E. R. S. read "Major's niece" this eve  
Walter D. called at 9.30 a

Cambridge

Ther

SUN. DEC. 8, 1912

Wea  
Hudsonian Chickadee. Fair

Forenoon sunny; afternoon cloudy. Harsh northerly wind. Ground frozen at sunrise.

In Garden saw a Hudsonian Chickadee & 2 Black-Cap Chickadees, a Blue Jay & a Crow; heard a Flicker calling.

I was writing in Museum at 10.20 when the chee-die, die call of the Hudsonian came faintly to my ears. Rushing out I heard them again in jungle where I soon found the bird in a small white pine & watched it for 5 minutes, standing with left. of it. It was a beauty in fresh, perfect plumage. 2 Black Caps were seen as I left it to start for St. Johns at 10.28. Dr. Hodge preached a good sermon. Miss Allyn dined with us. F. H. Manning came over for supper at 6.30 & stayed until 9.30. At 5 I went to the library to consult the judge about taking money for Museum at Wolfenbutter Lane Hall.

Cambridge - Boston.

Ther 10° MON. DEC. 9, 1912 Wea Wintry again Fin

Clear & cold with strong, raw northerly wind.

In Garden saw 2 Chickadees, 3 juncos, 2 jays & a Hairy W.

Spent forenoon in Museum working at Umbagog M.S. G. composing nothing new. C. typing in big room. To Boston at 2. Put 7 Hts. Ed. Ebe. & 11 Hts. Ann. Tel & Tel in my safety box. Gave duplicate key of it to Galloupe. Talked an hour with Arthur about Wolfboro matter. Decided to take Estate income money to install new collection probably in store which Arthur agrees to rent for 100. Annual at his own expense. Dictated letter to Cousin Elizabeth also memorandum of talk with Arthur yesterday. Home by 5.30.

Cambridge

Ther TUES. DEC. 10, 1912 Wea

Clear with fresh N.W. wind. a raw, blustering day less cold, however than yesterday.

In Garden saw only a few H-Shawns & a Chickadee feeding at present. Heard a Downy Woodpecker call repeatedly.

Spent day in Museum. Worked most of forenoon on Belton Story, writing 2 Hrs. Harry B. Bailey appeared unexpectedly at 12.45. Although he could not join us at luncheon he stayed over two hours & we had a good talk. He is as much interested in birds and eggs as ever. Outram Bangs came at 2.30 & stayed an hour. He took off his Eskimo lander, one for M.C.Z. the other to be made over to me for the C. & E. R.S. reads about in hall this morn. I have a mean cold coming on

## Cambridge.

Ther  
42°

WED. DEC. 11, 1912

Wea  
Dull

Cloudy & chilly but not cold.

Frost mostly out of ground by night.

Noted no birds save House Sparrows  
and one Blue Jay.

In the Museum all day working  
steadily of the Bittern story &  
adding Advance three pp. to it.

As far as I now see it is  
finished but I cannot be sure without  
again going through my notes.

I had intended to go on  
town this afternoon but was  
prevented by the bronchial cold  
which attacked me yesterday  
and is now, I think, at its  
worst. In the evening C. read  
aloud from the Transcript & E. R. S.  
from "The Major's Mission," finishing it.

## Cambridge

Ther

THURS. DEC. 12, 1912

Wea  
Fine

20° to 28°

Clear & cold with blustering N.W.  
wind.

A solitary Chickadee that came to town  
just by the Museum window & a few  
House Sparrows flitting about the  
Garden, were the only birds I noticed.

Spent entire day writing letters  
and cheques for bills which continue  
to press in & threaten to swamp me  
financially. A ghastly one came from  
F. G. Whitcomb this morning.

C. worked in the Museum all the  
forenoon on the Bittern M.S.  
copying six pp. It really seems  
finished & I shall take up another  
bird to-morrow. E. R. S. read to us  
this evening from a new book, "Biological  
Banks." C. was tired out & did not  
over hear.

Cambridge.

Ther

FRI. DEC. 13, 1912

Wear  
Fine

Clear & cold with N. W. wind.  
A little snow that fell two  
nights ago still whitens the  
hard frozen ground in places.  
It seems as if winter had now  
fairly set in although not as  
yet with much severity.

Heard a Chickadee & a Downy  
and saw a Blue Jay & a few  
House Sparrows, all these in the  
Garden.

Spent day in Museum working  
at Umbagog task. It went fairly  
well for I wrote 4 m.s. pages dealing  
with the Egret, Green Heron & Night Heron.

Yet I was half sick with my cold  
which seems to get worse daily. C. also  
is down with it. E. R. S. and "hallozi"  
this morn. Sent notes to Miss J. in P. M.

Cambridge.

Ther

SAT. DEC. 14, 1912

Wear  
Dull.

Cloudy, cold, chilly.

No native bird of any kind seen  
or heard in the Garden to-day.

Worked all day in Museum on  
Umbagog task. After revising  
and finally revisiting the Night Heron  
story composed yesterday I wrote  
almost three pages on the Virginia  
and Snow Rails, finishing the  
former bird. My cold continues  
worsening & it seems to be assuming  
a "gippy" character. Oddly enough  
it does not seem to interfere with  
my working bird rather to facilitate it  
although my head aches horribly &  
is full of buzzing sounds. C. is  
still a victim to rheumatic fever.  
E. R. S. went to his farm "Babbage" this  
morn. - a good story

# Cambridge

Ther SUN. DEC. 15, 1912 Wea  
Fine

Clear, calm, mild. Snow all gone & things wearing an autumnal look again. Grass no longer green, however.

Saw a Chickadee & a Blue Jay & heard a Crow, in the Garden.

Spent entire day in Museum. C. had a lot of people at dinner & so saw out ruin by the month because I did not want to have to talk, my bronchial cough being very troublesome. I spent most of forenoon working on Sora Rail study writing ten pages. Wrote some letters in P.M. In the evening E. R. S. sent to me from "Ballage". C. up in her "jazz room"

# Cambridge.

Ther MON. DEC. 16, 1912 Wea  
Fine

Clear, calm, mild, a duplicate, in fact, of yesterday.

Saw a Chickadee at the Suet and heard a Flicker calling in the jungle. Even House Sparrows are getting scarce about the place. Nor do we see much of the Squirrels. All animal life seems now at about its lowest ebb, as is often the case here this month.

Worked all day in Museum. Finished with the Sora Rail & started on the Great Blue Heron writing three pages in spite of constant interruptions because Gilbert was at work on a list of Mr. Hartman's birds. I spent fully two hours with it myself. The Muttall Club met this evening but I attended only a Council meeting just before it at which we elected three new members. My cold is fast going off but I cannot talk much yet.

Cambridge  
Parus hudsonicus revisited Garden.  
Ther TUES. DEC. 17, 1912 Wea  
36° max. Fine

Clear & cool with harsh N.W. wind.

The Hudsonian Chickadee reappeared in our Garden at 2.30 P.M. As I was writing at my desk in Museum I heard his chee-dee, dee, apparently just outside my window. I thought he must be at the suet hanging within a yard of it but failed to get sight of him until I approached it from outside when I saw him within six feet of me & not two feet from the suet. He seemed disturbed by my presence & soon flew away, I know not where. Nor do I know of his parting of the suet. There was a Black-cap Chickadee at it just after breakfast & 3 Jays together there in the jungle.

Spent day in Museum working mostly on Great Blue Heron story & adding 2 pp. A Globe Newspaper man came in P.M. to photograph me, the Museum & some birds for his article in his paper. E. had colleague that evening.

Cambridge  
Parus hudsonicus appears for third time  
24 Ther WED. DEC. 18, 1912 Wea  
We Dine at Batchelder's. Dull

Cloudy & cool with drizzling rain.

Heard the Hudsonian Chickadee in Garden about 2 P.M. It was the only native bird noted there.

Spent day in Museum, wrote letters, marked Christmas packages and added almost 3 pp. to Great Blue Heron story. I seem to have got into a vein of comparatively easy & fluent composition at last.

Soon after sitting down with G. & E. at our table at 7 P.M. I was called to the telephone by Batchelder who asked if I were not coming to the "We Dine" at his house which I had then forgotten. Dressing hastily I got there about 20 min later. We had supper with Bert, Barbara & Thayer. Roast goose, a fine bird. Much bright talk.

## Cambridge

Ther THURS. DEC. 19, 1912 Wea  
Dan French arrived Stormy

Raining whole forenoon & part of afternoon, at times heavy. Sky cleared before sunset & weather changed to cold.

A Crow seen on wing & a Blue Jay heard screaming were the only native birds noted in the Garden.

Spent day in Museum working on Heron story. It was not much added to for I had to rearrange some of the matter & this required the reworking of part of it.

D. C. French arrived at 9.25 P.M. to spend the night. I sent Gilbert in to meet him not daring to go myself because of a bad bronchial cough. We had a good talk sitting up until 11.30.

## Cambridge.

Ther FRI. DEC. 20, 1912 Wea  
Fair.

Partly sunny; partly cloudy. Very chilly. Grass looking fresh & green again. No snow or ice. Charles River wholly open.

A Crow, a Blue Jay, 3 Downy W's and 2 Cheladras in the Garden. (Gilbert saw the 3 Downies & a Brown Creeper)

We had Dan at breakfast & for half an hour later when he left to return to Boston & New York. I escorted him to the car of course. He seems very well, bright & happy. Returning to Museum I put in remainder of day on Heron story adding 2 pp. to Great Blue Heron story. C. reads to me from 7.30 to 9.30. P. all living room to the Bee.



Cambridge - Boston

Ther

SAT. DEC. 21, 1912

Wear  
Fine.

Sunny, calm, frosty but not very cold.

In the Garden saw only a Chickadee.

To Boston at 10.30 A.M. Went straight to our office. Talked with Arthur & Stead Buttrick about arranging for Newell collection at Wolfboro. Signed all our quarterly disbursement cheques which Arthur had already signed. They will not be mailed until the 30<sup>th</sup>.

Bought arake at Jinn's for May C. Tremont St. packed with people. Solid line of folks selling toys extending from Pierce's to Park St. Got home at 3.30 & worked two hours on Heron story. C. & E. read aloud after dinner.

Cambridge.

Ther

SUN. DEC. 22, 1912

Wear  
Fine

Clear, calm, cool but not frosty. Altogether autumnal weather such as we expect in November but not new.

No birds except a few House Sparrows seen about the place.

Met C. at St Johns at 10.40. Dr. Hodges preached what seemed to me a dead sermon.

We had no guest at dinner, not even Miss Allyn who is in New York. I wrote letters before & after it - a long one to Ruthven Deane.

C. & E. R. S. were in Boston for the Orators this evening. I spent it with Mr. & Mrs. Almy at their house.

Cambridge

Flock of 8+ Tree Sparrows & P. Hudsonian  
 Ther MON. DEC. 23, 1912 Wea  
 We open Christmas presents. Fine

Clear & cool with light northerly wind

In the Garden saw a Hudsonian & a  
 Black-cap Chickadee, a flock of about

(8) Tree Sparrows, (3) Juncos, (3) Crows,  
 2 Jays & a ♂ Downy Woodpecker House Sparrows

I heard the tinkling notes of Tree Sparrows as soon as I opened our back door just after breakfast. They were on the ground about the pond in front of Museum mingling with House Sparrows I saw at least 8 & think there were several more. They scattered when they were shortly after this I saw 2, feeding with 3 juncos near the sun dock. It has been very many years since I have seen so large a number of Tree Sparrows here.

The Hudsonian Chickadee was about & flitting through fuchs at 9.30. It was rather shy & flew out as has been ever since I first noted it on the 8th. Thus far I have heard only the usual notes.

Spent day in Museum. C began typing my M.S. again & did 4 hr. in forenoon. I reviewed them before going ahead of her. In P.M. I wrote a fresh page for Grand Old Man. C. & R. & I opened our Christmas presents this evening in the morning when we had lots of them as usual.

Cambridge - New York

Ther TUES. DEC. 24, 1912 Wea  
 Snow Storm. Stormy

Rather heavy N.E. snow storm. It began about day break in Cambridge & was over when we reached New Haven at 3 P.M. There & beyond the snow lay 8 or 10 inches deep. Henry Henshaw who joined us in New York reports a heavy snow storm at Washington when he left there this morning.

C, Miss Swoody & I took 10 a.m. train over Shore Line to N.Y. arriving an hour late at 4.10 P.M. Walked to Mulloy Hall where we were given our old rooms, 225 & 227. Henry's arrival a little late was a great surprise to me although C. expected & had indeed prearranged it. C. & Miss Swoody walked down to Madison Square to see a big Christmas tree erected there. We all dined together at 7 & sat in hall listening to 4 pipe's orchestra music until 9. Henry & I talked them until 10.

New York

Ther WED. DEC. 25, 1912 Wea  
Fine

Clear, calm, mild. 11 1/2 inches  
of snow fell here yesterday. Some of  
it melted to day & much has been  
washed off but the streets are still  
filled high with it in places & the  
"going" is very bad.

We all had breakfast together  
at 8. C. & Miss Sweeney went off  
to church at 9. Henry & I talked  
until 11 & then strolled out for  
a walk. Visited Grand Central  
Station (now one nearly finished) &  
Belmont & Park at the Hotel.

Walked about river along 5<sup>th</sup> Ave

We all breakfasted together at 1.

Left & Sweeney came at 4 & dinner  
was in at 7. We sat talking &  
listening to music in ~~at home~~ hall  
until 9-30 when C. & E. started for home.  
Henry & I left at 10:30 talking

New York - Cambridge

Starlings &  
Ther THURS. DEC. 26, 1912 Wea  
Great Blue Heron in Conn. Fine.

Clear, calm, mild. Snow washing fast  
& some bare ground showing in late P.M.  
Henry & I breakfasted together at 6.30.  
He started for Washington at 8.08, C.  
Miss Sweeney & I for Boston at 10.  
Saw 3 rather large flocks of Starling  
between Stamford & Bridgeport, Conn.  
flying over salt marshes. One flock of 50+  
seemed to consist wholly of black ♂♂,  
another of about 30 of brown birds.  
As we neared Fairfield, Conn. (about 2  
miles west of station) a Great Blue Heron  
rose from the edge of a tidal creek  
not 25 yards from the bar window  
through which I was looking. As he  
spread his broad wings he looked like  
a young bird. In the Bay Brook marshes I  
saw a Meadow Lark & about a dozen  
Crows on snow covered ice chestnut  
about one of these numbers, pulling out from  
& working from. He seemed to be here  
in some way. He reached Boston at 3  
I came out on trolley car, C. & Vermont  
on a bus

Cambridge.

Ther FRI. DEC. 27, 1912 Wea  
Stormy

Raining steadily from early morning well into the night. A dark, cheerless, chilly & altogether very dismal day.

Heard Crows coming at day break & saw a few Sparrows in the Garden.

Spent day in Museum working on Great Blue Heron story & adding to it two pp. of fresh manuscript.

C. had a bad headache & kept up stairs all day. She sent for Mrs. Albany who came in to assist with me. E. R. S. lunched in town.

Walter Deane called out 5 P.M. & stayed about an hour talking. E. R. S. read aloud to me in the hall after dinner. He has finished baggage & begun to pack by Crows Doyle

Cambridge - Boston

Ther SAT. DEC. 28, 1912 Wea

Visit Alva Coolidge in Boston. Fine

Clear & cool with fresh N. W. wind

Saw a Jay & House Sparrow in the Garden. Heard a Downy just across street in Hubbard Park. More than 1000 Gulls in sight on ice from Harvard Bridge.

Spent forenoon working on Heron story. Finished it at evening after returning from Boston. Went to Boston, via Dudley Street, after lunch to see Alva Coolidge in City Hospital. He has been there with heart trouble since Dec. 4.

He received me in his room, sitting up & attired in a dressing gown. He looked old & haggard but seemed cheerful enough. We had a good talk. He says Blunt Ducks & Herons are as numerous as ever on the Lake & that there was a heronry behind the

many birds  
seen there.  
total of 8000  
one of 8000  
Pt. has been  
in bed since  
leaving  
people

Cambridge

SUN. DEC. 29, 1912

Ther  
50°  
Wea  
Fine

Clear & cool with fresh N. wind.

In the Garden I saw two  
juncos & a Blue Jay and  
heard a Flicker & a Downy.

The Gray Squirrels have been  
strangely silent of late. I have  
seen almost nothing of them for  
a week or two.

Spent day in Museum. Wrote letters  
in A.M. and copied garden bird  
notes from diary into larger book  
in P.M. C. went to early church  
service & returned to her couch as  
soon as she got back, being very tired.  
Harry & May called at 3.30 P.M.

Received at breakfast time through  
Barbara by telephone an invitation  
from Theodore Roosevelt to spend france  
with him in Boston. Declined it  
because I did not care to stay in

Cambridge

MON. DEC. 30, 1912

Ther  
50°  
Wea  
Stormy

A dark lowering day with rain  
falling ceaselessly, & at times very  
heavily, taking off most of the  
snow before night. The streets &  
sidewalks have been icy & more  
or less dangerous for several days.

Two Jays screaming in the  
blues & a Crow perched in the  
hinders were the only native birds  
noticed about our place.

C. came over to Museum this  
morning & copied 4 pp. of my  
Heron story, now finished. I  
wrote a page on the Costs before  
dinner & another on Phalaropes after  
it. Came in to C's reading class  
at 5 P.M. C. & E. read aloud in  
hall this evening.

a proposed discussion of Conceding Colonization & T. H. Allen's article  
about the  
of the  
of the  
of the

Cambridge

Ther 40° TUES. DEC. 31, 1912 Wea  
Parus hudsonicus again

Breathlessly clear with little wind  
Lawns wholly free from snow  
again & showing pale green, that in  
Garden uniform & rather rich green.

Hudsonia lit in Garden near  
of forenoon. I heard him twice  
just outside my study window  
& once saw him fly from a twig  
within a yard of it & not more  
than two inches from a lump of snow  
hanging there. He seemed to avoid  
3 Chickadees flitting about at same  
time. Heard also a Flicker & a Downy.

Spent entire day working on  
Red Phalarope story, adding to it  
4 pp. & almost finishing it.  
C. & E. R. S. read to me from 8-9.30.  
At 10 P.M. they started for Boston  
in Irving's limousine to see the  
New year in at St. Pauls. I seem to  
have a pretty cold started at once.

Christmas Presents

MEMORANDA

- |                |                   |
|----------------|-------------------|
| C. F. B.       | H. W. Henshaw     |
| E. R. S.       | E. W. Nelson      |
| E. W. F.       | The Bonsais       |
| Mrs. Cobb      | Mrs. & Mrs. James |
| Mrs. Almy      | F. M. Chapman     |
| Mary "         | D. C. French.     |
| Helen "        |                   |
| Anna "         |                   |
| Betty "        |                   |
| Walter D.      |                   |
| Margie "       |                   |
| Rustan "       |                   |
| Billy Stone    |                   |
| Alice "        |                   |
| Miss Allyn     |                   |
| Fanny Handall  |                   |
| May Cunningham |                   |
| Dr. Coolidge   |                   |

Christmas Cards

To  
MEMORANDA

J. A. Harmon, Byron

Dr. & Mrs. S. W. Allen

A. K. Fiske

Mrs. & Mrs. L. A. Fiske

Dr. & Mrs. Gehring

Dr. S. M. Drinn

Albert B. Case.

MEMORANDA

✓ Birds noted in our Garden.

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
✓ 1. <u>Parus atri.</u>	1' 6' 10' 12' 14' 15' 16' 22'	
✓ 2. <u>Dryobates pub.</u>	1 ♂ 6 <sup>hd</sup> 13 <sup>hd</sup> 14 <sup>hd</sup> 16 <sup>hd</sup>	
✓ 3. <u>Colaptes</u>	1' 6 <sup>hd</sup> 9 <sup>hd</sup> 10' 11 <sup>hd</sup> 12'	
✓ 4. <u>Corvus</u>	1' 6 <sup>hd</sup> at (S) / 6 <sup>hd</sup> at / 14 <sup>hd</sup> at / 17 <sup>hd</sup>	
✓ 5. <u>Cyanocitta</u>	1 <sup>hd</sup> 6 <sup>hd</sup> 7 <sup>hd</sup> 8 <sup>hd</sup> 9 <sup>hd</sup> 10' 11'	
6. <u>Passer dom.</u>	1, 5, 7 <sup>hd</sup> 9 4 10 <sup>hd</sup> 11 7 12	
✓ 7. <u>Carpodacus pur.</u>	13 <sup>hd</sup> (5) 1 rook ♂ 4 gray bird eating Peaches apple	
✓ 8. <u>Regulus satrapa</u>	19 <sup>hd</sup> 21 <sup>hd</sup>	

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
23 <sup>hd</sup> 26'		
18 <sup>hd</sup> 20 <sup>hd</sup> 22 <sup>hd</sup> 26 <sup>hd</sup>		
13 <sup>hd</sup> 14' 17 <sup>hd</sup> eating 23 <sup>hd</sup>		
18 <sup>hd</sup> 19 <sup>hd</sup> 20 <sup>hd</sup> 21 <sup>hd</sup> in 22 <sup>hd</sup> 23 <sup>hd</sup> 24' 25 <sup>hd</sup> 27'		
12' 14' 16 <sup>hd</sup> 18 <sup>hd</sup> 19 <sup>hd</sup> 20' 21 <sup>hd</sup> 22' 24' 25 <sup>hd</sup> 30 <sup>hd</sup> 31'		
13 <sup>hd</sup> 14 <sup>hd</sup> 15 <sup>hd</sup> 16 <sup>hd</sup> 17 <sup>hd</sup> 18 <sup>hd</sup> 19 <sup>hd</sup> 20 <sup>hd</sup> 21 <sup>hd</sup> 22 <sup>hd</sup> 23 <sup>hd</sup> 24 <sup>hd</sup>		
14 <sup>hd</sup> (red ♂) 15 <sup>hd</sup> (gray) do. 16 <sup>hd</sup> do. 17 <sup>hd</sup> do. 18 <sup>hd</sup> 3 <sup>hd</sup> 19 <sup>hd</sup> do.		
21 <sup>hd</sup> 23 <sup>hd</sup> (gray) in lark.		



✓ Birds noted in our Garden

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
✓ 1	<u>Junco hyemalis</u> 1 ♀	
✓ 2	<u>Spinus tristis</u> 1'	
✓ 3	<u>Dryobates pub.</u> 1' 3' 9 <sup>♂</sup> 15' 16' ② 17 <sup>♂</sup>	
✓ 4	<u>Cyanocitta cris.</u> 1' 2' 3' 4' 5' 2' 13' ③	
✓ 5	<u>Passer dom</u> 1 <sup>♂</sup> 2 <sup>♂</sup> 3 <sup>♂</sup> 4 <sup>♂</sup> 5 <sup>♂</sup> 8 <sup>♂</sup> 9 <sup>♂</sup> 10 <sup>♂</sup>	
✓ 6	<u>Parus atri</u> 2' <sup>at</sup> 4' 13 <sup>hd</sup> 15 <sup>hd</sup> 16'	
✓ 7	<u>Corvus am.</u> 5 <sup>hd</sup> 6 <sup>hd</sup> 8 <sup>hd</sup> 10' ② 11' ③	
✓ 8	<u>Regulus sat.</u> 8 <sup>hd</sup> 15 <sup>hd</sup> 17 <sup>hd</sup>	
✓ 9	<u>Certhia am</u> 15 <sup>hd</sup> <sup>head</sup> <sup>sw.</sup>	
✓ 10	<u>Carpodacus</u> (2) 29' ③ gray birds	

CASH ACCOUNT. FEBRUARY. ✓

Date.	Received.	Paid.
	18' 21' 22 <sup>♂</sup> 26 <sup>hd</sup> 29 <sup>hd</sup>	
	17' 18' 20' 21' 25 <sup>hd</sup> 26 <sup>hd</sup> 27 <sup>hd</sup> 28' 29 <sup>hd</sup>	
	11 <sup>♂</sup> 12 <sup>♂</sup> 13 <sup>♂</sup> 15 <sup>♂</sup> 16 <sup>♂</sup> 17 <sup>♂</sup> 18 <sup>♂</sup> 23 <sup>♂</sup> 25 <sup>♂</sup> 27 <sup>♂</sup> 28 <sup>♂</sup> 29 <sup>♂</sup>	
	17 <sup>♂</sup> 21 <sup>♂</sup> 22' 23' 25' - 29 <sup>♂</sup>	
	14 <sup>hd</sup> 15 <sup>hd</sup> 17 2 19' 25' 26 <sup>hd</sup> 27 <sup>hd</sup>	

seen in Parkman's apple by Gilbert when  
is nearly done they have Purple T. under.

✓ Birds noted in our Garden

CASH ACCOUNT. MARCH.

Date.	Received.	Paid.
✓ 1.	<i>Parus atri</i> 1' 2' 4' 9' 10' 11'	
✓ 2.	<i>Cyanocitta</i> 1' 3' 4' 5' 6' 7' 8' 9' 12'	
3.	<i>Tassan dom.</i> 1 8 4, 5, 6, 7 10 11 8 12	
✓ 4.	<i>Corvus am.</i> 3' 4' 5' 9' 10' 11' do	
✓ 5.	<i>Carpodacus</i> 5' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 6.	<i>Dryobates pub</i> 6' 11' 14' 18' 25'	
✓ 7.	<i>Megascops</i> 7' 1/2 low long hls over on day back	
✓ 8.	<i>Regulus sat</i> 7 hls.	
✓ 9.	<i>Colaptes aur.</i> 8' hls in tree at 9 a.m.	17'
✓ 10.	<i>Falco sparverius</i> 13' flying over at 10 a.m.	16'
✓ 11.	<i>Luscinia sereus</i> 20' 22' 23'	
✓ 12.	<i>Passerella</i> 23' 24' 25' 26'	
✓ 13.	<i>Acantthis lin.</i> 24' all in group on ground among weeds.	
✓ 14.	<i>Spizella monticola</i> 26'	
✓ 15.	<i>Musula nig.</i> 30' in catalpa tree, laughing, 7.30 a.m.	
16.	<del><i>Falco spar.</i> 30' low over tree.</del>	

CASH ACCOUNT. MARCH.

Date	Received.	Paid.
14' 19' 20' 30'	27' 28' 30'	
13' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26'		
17' 18' 20' 21' 23' 24' 25' 26' 27'		
12' 16' 17' 18' 19' 20' 25' 26' 27' 30'		
8' 9' 10' 11' 12' 14' 16' 17' 18'		
20' 22' 23'		
17' 20' (9 a.m.)		
18' 24' 27'		
30' flying low over meadow		
24' 25' 26' 27' 28' 30'		
27' 28' 29' 30'		



Birds noted in our Garden

CASH ACCOUNT. MAY.

Date	Received.	Paid.
✓ 1	<i>Merula</i> 13 ♀ calling and with under gong near	27 <sup>1</sup> / <sub>2</sub> 28 <sup>1</sup> / <sub>2</sub>
✓ 2	<i>Vireo ol.</i> 13' galling in gong.	27 <sup>1</sup> / <sub>2</sub> 30 <sup>2</sup> / <sub>2</sub>
✓ 3	<i>Cyanocitta</i> 13' in trees	27' do.
✓ 4	<i>Antrostomus vociferans</i> May 19 <sup>th</sup> heard	
✓ 5	<i>Turdus swainsoni</i> 27 <sup>1</sup> / <sub>2</sub> singing rather under all forms.	
✓ 6	<i>Dendroica castanea</i> 27 <sup>1</sup> / <sub>2</sub> Haidson ♂	
✓ 7	<i>Icterus galbula</i> 27 <sup>1</sup> / <sub>2</sub> in distance towards	
✓ 8	<i>Chaerula pulchra</i> 27 <sup>2</sup> / <sub>2</sub>	

CASH ACCOUNT. MAY. ✓

Date.	Received.	Paid.
at 7.10 P.M. singing in Garden, by Walter Deane		
28 <sup>1</sup> / <sub>2</sub> <sup>early</sup> <del>under</del>		
singing freely all day, at first in tops of Gunders,		
later at jungle corners. (Teary-teary - tea <sup>with</sup> <del>tea</del> <sup>conch</sup> <del>conch</del> <sup>at</sup> <del>at</del> <sup>tree</sup> <del>tree</del> )		
in Dodge place. 28 <sup>1</sup> / <sub>2</sub> <sup>early</sup> <del>under</del>		



Birds noted in our Garden.

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
✓ 1. <i>Merula mig</i>	1 <sup>x</sup> 2 <sup>x</sup> 3 <sup>x</sup> 4 <sup>x</sup> 5 <sup>x</sup> 8 <sup>x</sup> 10 <sup>x</sup>	
✓ 2. <i>Spinus tristis</i>	1 <sup>ad</sup> 2 <sup>ad</sup> 3 <sup>x</sup> 4 <sup>x</sup> 5 <sup>x</sup> 8 <sup>x</sup> 9 <sup>x</sup>	
✓ 3. <i>Cyanocitta</i>	1 <sup>x</sup> 2 <sup>x</sup> 3 <sup>(4)</sup> 4 <sup>do</sup> 5 <sup>do</sup> 8 <sup>do</sup>	
✓ 4. <i>Juncus calus</i>	1 <sup>4</sup> 2 <sup>4</sup> 3 <sup>4</sup> 4 <sup>4</sup> 5 <sup>4</sup> 6 <sup>4</sup>	
✓ 5. <i>Passer</i>	1 <sup>30+</sup> 2 <sup>30+</sup> 3 <sup>25</sup> 4 <sup>do</sup> 5 <sup>do</sup> 10	
✓ 6. <i>Vireo ol.</i>	2 <sup>x</sup> 3 <sup>x</sup> 5 <sup>x</sup> 6 <sup>x</sup> 8 <sup>x</sup> 9 <sup>x</sup> 10 <sup>x</sup> 11 <sup>x</sup>	
✓ 7. <i>Tyrannus</i>	2 <sup>x</sup> 3 <sup>x</sup> 4 <sup>x</sup> 5 <sup>x</sup> 6 <sup>x</sup> 8 <sup>x</sup> 9 <sup>x</sup> 10 <sup>x</sup> 11 <sup>x</sup>	
✓ 8. <i>Colaptes</i>	2 <sup>x</sup> 3 <sup>x</sup> 8 <sup>x</sup> 9 <sup>x</sup> 11 <sup>x</sup> 13 <sup>x</sup> 16 <sup>x</sup>	
✓ 9. <i>Chondestes</i>	2 <sup>hd</sup> 3 <sup>(4)</sup> 4 <sup>25</sup> 8 <sup>(3)</sup> 10 <sup>x</sup> 11 <sup>x</sup> 12 <sup>x</sup>	
✓ 10. <i>Megascops</i>	2 <sup>young</sup> 3 <sup>1</sup> 3 <sup>young</sup>	
✓ 11. <i>Sitta Carolinensis</i>	5 <sup>x</sup>	
✓ 12. <i>Vireo gilvus</i>	16 <sup>x</sup>	
✓ 13. <i>Hirundo ludovic.</i>	20 <sup>early</sup>	
✓ 14. <i>Trochilus</i>	23 <sup>2 w.t.</sup>	
✓ 15. <i>Dolichonyx</i>	23 <sup>hd</sup> 31 <sup>hd</sup>	

9 5 in catappa  
13 3 in catappa  
18 3 in catappa  
25 3 in cherry

CASH ACCOUNT. JULY.

Date.	Received.	Paid.
11 <sup>x</sup> 12 <sup>x</sup> 13 <sup>x</sup> 15 <sup>x</sup> 16 <sup>x</sup> 17 <sup>x</sup> 19 <sup>x</sup> 20 <sup>x</sup> 23 <sup>x</sup> 25 <sup>x</sup> 26 <sup>x</sup>		
10 <sup>5</sup> 11 <sup>do</sup> 12 <sup>do</sup> 13 <sup>x</sup> 15 <sup>x</sup> 16 <sup>x</sup> 17 <sup>x</sup> 19 <sup>x</sup> 20 <sup>x</sup> 22 <sup>x</sup>		
9 <sup>do</sup> 10 <sup>do</sup> 12 <sup>x</sup> 13 <sup>x</sup> 17 <sup>x</sup> 18 <sup>x</sup> 19 <sup>x</sup> 20 <sup>x</sup> 24 <sup>x</sup> 26 <sup>x</sup> 27 <sup>x</sup>		
10 <sup>3</sup> 19 <sup>1</sup> 20 <sup>2</sup> 25 <sup>hd</sup> 31 <sup>(2)</sup>		
12 13 <sup>"</sup> 20 23		
12 <sup>x</sup> 13 <sup>x</sup> 16 <sup>x</sup> 17 <sup>x</sup> 19 <sup>x</sup> 20 <sup>x</sup> 23 <sup>x</sup> 24 <sup>x</sup> 25 <sup>x</sup>		
12 <sup>x</sup> 19 <sup>x</sup> 22 <sup>x</sup> 23 <sup>x</sup> 24 <sup>x</sup> 25 <sup>x</sup>		
19 <sup>x</sup> 20 <sup>x</sup> 30 <sup>x</sup>		
13 <sup>(3)</sup> 15 <sup>hd</sup> 16 <sup>(3)</sup> 17 <sup>hd</sup> 18 <sup>hd</sup> 19 <sup>hd</sup> 24 <sup>hd</sup> 25 <sup>x</sup> 26 <sup>x</sup> 30 <sup>x</sup> 31 <sup>x</sup>		
4 <sup>4</sup> 5 <sup>4</sup> 6 <sup>4</sup> 7 <sup>4</sup> 8 <sup>4</sup> 9 <sup>4</sup> 10 <sup>4</sup> 11 <sup>4</sup> 12 <sup>4</sup> 13 <sup>4</sup> 14 <sup>4</sup> 15 <sup>4</sup> 16 <sup>4</sup> 17 <sup>4</sup> 18 <sup>4</sup> 19 <sup>4</sup> 20 <sup>4</sup> 21 <sup>4</sup> 22 <sup>4</sup> 23 <sup>4</sup> 24 <sup>4</sup> 25 <sup>4</sup> 26 <sup>4</sup> 27 <sup>4</sup> 28 <sup>4</sup> 29 <sup>4</sup> 30 <sup>4</sup> 31 <sup>4</sup>		
19 <sup>4</sup> 20 <sup>4</sup> 21 <sup>4</sup> 22 <sup>4</sup> 23 <sup>4</sup> 24 <sup>4</sup> 25 <sup>4</sup> 26 <sup>4</sup> 27 <sup>4</sup> 28 <sup>4</sup> 29 <sup>4</sup> 30 <sup>4</sup> 31 <sup>4</sup>		

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

Birds noted in our Garden.

CASH ACCOUNT. AUGUST.

Date	Received.	Paid.
✓ 1	Merula 1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup> 6 <sup>th</sup> at 7 <sup>th</sup> morning	
✓ 2	Cyanocitta 1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup> 6 <sup>th</sup> 7 <sup>th</sup> 8 <sup>th</sup> 9 <sup>th</sup>	
✓ 3	Contopus virens 25 <sup>th</sup> juv. seen in front of house	
✓ 4	Megascops 1 <sup>st</sup> ad 2 <sup>nd</sup> juv 3 <sup>rd</sup> juv 3 <sup>rd</sup> de 5 <sup>th</sup> ad in cherry	
✓ 5	12 <sup>th</sup> 3 <sup>rd</sup> juv in bush 13 <sup>th</sup> 3 <sup>rd</sup> juv do 14 <sup>th</sup> 3 <sup>rd</sup> juv do 15 <sup>th</sup> 3 <sup>rd</sup> juv do 16 <sup>th</sup> 2 <sup>nd</sup> juv do	
✓ 6	Chaetura 1 <sup>st</sup> ad 2 <sup>nd</sup> ad 6 <sup>th</sup> do 9 <sup>th</sup> ad 12 <sup>th</sup> ad	
✓ 7	Corvus am. 14 <sup>th</sup> ad. 15 <sup>th</sup> do 26 <sup>th</sup> ad	
✓ 8	Tyrannus 1 <sup>st</sup> ad 13 <sup>th</sup> ad 14 <sup>th</sup> ad 15 <sup>th</sup> ad	
✓ 9	Sciurus nov. 16 <sup>th</sup> 2 <sup>nd</sup> mottling 25 <sup>th</sup> 1 <sup>st</sup> ad 28 <sup>th</sup> 30 <sup>th</sup>	
✓ 10	Colaptes 6 <sup>th</sup> 9 <sup>th</sup> 10 <sup>th</sup> 13 <sup>th</sup> 14 <sup>th</sup> 15 <sup>th</sup> 24 <sup>th</sup>	
✓ 11	Dryobates pub 14 <sup>th</sup> ad 15 <sup>th</sup> ad 26 <sup>th</sup> ad 29 <sup>th</sup> ad	
✓ 12	Trochilus 6 <sup>th</sup> 24 <sup>th</sup> 28 <sup>th</sup>	
✓ 13	Empidonax flav. 15 <sup>th</sup> in leafy 28 <sup>th</sup> in bush	
✓ 14	Icterus Gad. 6 <sup>th</sup> ad 7 <sup>th</sup> do 9 <sup>th</sup> do 10 <sup>th</sup> 2 <sup>nd</sup> ad 8 <sup>th</sup> in fruit	
✓ 15	Dolichonyx 15 <sup>th</sup> ad family	
✓ 16	Dend. aestiva 7 <sup>th</sup> juv mottling	
✓ 17	Sparus tristis 10 <sup>th</sup> 12 <sup>th</sup> 15 <sup>th</sup> 3 <sup>rd</sup> ad on 16 <sup>th</sup>	
✓ 18	V. olivaceus 7 <sup>th</sup> ad 8 <sup>th</sup> ad 9 <sup>th</sup> ad	
✓ 19	Quiscalus 12 <sup>th</sup> 13 <sup>th</sup> 19 <sup>th</sup> 19 <sup>th</sup> mottling	
✓ 20	Vireo flavifrons 15 <sup>th</sup> 1 <sup>st</sup> juv fall in	

CASH ACCOUNT. AUGUST.

Date	Received.	Paid 30 <sup>th</sup>
9 <sup>th</sup> da	10 <sup>th</sup> 12 <sup>th</sup> at 13 <sup>th</sup> early (4) on 14 <sup>th</sup> early 15 <sup>th</sup> do	
16 <sup>th</sup> ad	19 <sup>th</sup> ad 20 <sup>th</sup> 21 <sup>st</sup> 22 <sup>nd</sup> 23 <sup>rd</sup> 24 <sup>th</sup> 25 <sup>th</sup> 27 <sup>th</sup> 28 <sup>th</sup> 29 <sup>th</sup>	
10 <sup>th</sup> ad	12 <sup>th</sup> 14 <sup>th</sup> 15 <sup>th</sup> 16 <sup>th</sup> 17 <sup>th</sup> 19 <sup>th</sup> 20 <sup>th</sup> 21 <sup>st</sup> 22 <sup>nd</sup> 23 <sup>rd</sup> 24 <sup>th</sup>	
	25 <sup>th</sup> 26 <sup>th</sup> 27 <sup>th</sup> 29 <sup>th</sup> 30 <sup>th</sup>	
6 <sup>th</sup> ad in cherry	7 <sup>th</sup> ad 9 <sup>th</sup> ad 12 <sup>th</sup> ad 8 <sup>th</sup> ad 9 <sup>th</sup> ad 10 <sup>th</sup> ad	
13 <sup>th</sup> ad	19 <sup>th</sup> ad 20 <sup>th</sup> ad 21 <sup>st</sup> ad 22 <sup>nd</sup> ad 23 <sup>rd</sup> ad 24 <sup>th</sup> ad	
13 <sup>th</sup> ad	24 <sup>th</sup> 25 <sup>th</sup> 26 <sup>th</sup> 27 <sup>th</sup> 28 <sup>th</sup> 29 <sup>th</sup> 30 <sup>th</sup>	
✓ 21	Sitta canadensis 28 <sup>th</sup> in willow	
✓ 22	Piranga ery. 21 <sup>st</sup> juv. mottling in cherry	
✓ 23	Ampelis 20 <sup>th</sup> ad near cherry 22 <sup>nd</sup> ad 26 <sup>th</sup> ad	
13 <sup>th</sup> ad	14 <sup>th</sup> ad 15 <sup>th</sup> ad 19 <sup>th</sup> ad 21 <sup>st</sup> ad 22 <sup>nd</sup> ad 23 <sup>rd</sup> ad	
✓ 24	24 <sup>th</sup> 25 <sup>th</sup> 28 <sup>th</sup> 30 <sup>th</sup>	
24 <sup>th</sup> ad	25 <sup>th</sup> ad 26 <sup>th</sup> ad 27 <sup>th</sup> ad	
10 <sup>th</sup> ad	13 <sup>th</sup> ad 14 <sup>th</sup> ad 15 <sup>th</sup> ad 16 <sup>th</sup> ad 19 <sup>th</sup> ad	
21 <sup>st</sup> ad	24 <sup>th</sup> ad 25 <sup>th</sup> ad 26 <sup>th</sup> ad 28 <sup>th</sup> ad 29 <sup>th</sup> ad	
	30 <sup>th</sup>	

# Concord Notes

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.
13	One <i>Hel. cecala</i> seen.	
13	Heavy flight of Warblers; mostly <i>D. striata</i>	
15	Almost no birds about.	
16	Another bird wave of fair volume, mostly of Blackpolls. One Bay Breasted	
17	Country flooded with migrants. Blackpolls swimming. ♀ Cooper Kinglet & ♀ <i>D. caerulea</i> . Rusty Hummer. Cropper & White-throated Sparrows. Canada Warblers abundant? Delaware & Hoopoe gophers seen. Only 2 bats in shed left.	
19	1 Bald Eagle at B. H.	
22	Deluge of my Blackpolls & <i>D. virens</i>	
24	Sassafras & Red Maple foliage turning red.	
25	One Bat in shed left.	
26	" " " " " "	
27	Many red maples in full glory of autumn coloring. This year.	
29	Big buck in field along road from farm house, at 5.30 P.M. (raining)	
"	One Bat in shed left.	
30	Big Weasel hunts Rat in Caber. Fish hawk on Dan's Hill. Red maple foliage full at Hunt Id. & Holden roads.	

# Birds in our Garden.

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.
✓ 1	<i>Merula</i> 23 <sup>5</sup> 30 <sup>3</sup>	
✓ 2	<i>D. striata</i> 23 <sup>5</sup> 30 <sup>6</sup>	
✓ 3	<i>Surus nov</i> 23' 30'	
✓ 4	<i>Cyanocitta</i> 23' 30'	
✓ 5	<i>Tarus atri</i> 23 <sup>hd</sup>	
✓ 6	<i>Cowus am.</i> 23 <sup>12</sup>	
✓ 7	<i>Megascops</i> 23 <sup>partial</sup> in later 24 <sup>do</sup> 25 <sup>do</sup> 26 <sup>do</sup>	
✓ 8	<i>Turdus swainsoni</i> 30' typical - larvae typical, very small, as large as a Chiffchaff.	
✓ 9	" <i>becknelli</i> 30'	
✓ 10	<i>Anthus hircus</i> 30' in <i>theodactylus</i> by Museum.	
✓ 11	<i>Comp. ana. usnea</i> 30' ♀ seen in bush from.	
✓ 12	<i>Spirus tristis</i> 30' 2 on <i>symplocos</i>	
✓ 13	<i>Zon. albicollis</i> 30 <sup>5</sup>	
✓ 14	<i>Turus hy.</i> 30' <sup>heard</sup> <sup>with</sup> <sup>very</sup> <sup>several</sup> <sup>times</sup>	



Birds noted in our Garden.

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
✓ 1	<u>Merula mig.</u> 8'		
✓ 2	<u>Dend. Coronata</u> 8'		
✓ 3	<u>Turus</u> 8'		
✓ 4	<u>Troglodytes</u> al. 8 <sup>5</sup>		
✓ 5	<u>Spizella tristis</u> 8 <sup>2</sup> ad		
✓ 6	<u>Cyanocitta</u> 8'		
✓ 7	<u>Colaptes</u> 8'		

CASH ACCOUNT. OCTOBER

Date.		Received.	Paid.

# Birds in our Garden

CASH ACCOUNT. NOVEMBER.

Date	Received.	Paid.
✓ 1 Chickadee 3 <sup>(3)</sup> 4 <sup>(3)</sup> 5 <sup>(3)</sup> 6 <sup>(2)</sup> 7 <sup>(6)</sup> 8 <sup>(4)</sup> 9 <sup>(4)</sup>		
✓ 2 Blue Jay 3' + 3 <sup>(2)</sup> 6 <sup>(2)</sup> 7 <sup>(2)</sup> 8 <sup>(2)</sup> 9 <sup>(2)</sup>		
✓ 3 White-thr. Sparrows 4 hd 5' 7' 9' 10'		
✓ 4 Goldfinch, 4 hd 5 <sup>(3)</sup> 6 <sup>(3)</sup> 7 <sup>(3)</sup> 9 <sup>(3)</sup> 11 <sup>(3)</sup>		
✓ 5 Fox Sparrow, 5' 9' 10' 20' 21' 23'		
✓ 6 Junco 5' 6 <sup>(10)</sup> c. 7' 8 <sup>(4)</sup> 9 <sup>(3)</sup> 10 <sup>(3)</sup>		
✓ 7 Flicker 5' 6' 11 <sup>hd</sup> 23' 27 <sup>hd</sup>		
✓ 8 Downy 5' 6 <sup>♂</sup> 7 <sup>♂</sup> 8 <sup>hd</sup> 9 <sup>♂</sup> 10' 22 <sup>hd</sup>		
✓ 9 Br. Creeper 5' 6' 7' 22 <sup>hd</sup> 27 <sup>1 on pear tree</sup>		
✓ 10 House Sparrows 5-12 6 <sup>♂</sup> 7 <sup>♂</sup> 8 <sup>♂</sup> 9 <sup>♂</sup> 10 <sup>♂</sup>		
✓ 11 Hairy W. [5' in nest] 6 <sup>1 in nest</sup> 7 <sup>do</sup>		
✓ 12 Red-bellied Nuthatch 6 <sup>feeding</sup> 7 <sup>feeding</sup>		
✓ 13 Hermit Thrush 6 <sup>2 front</sup> 7 <sup>1 eating</sup>		
✓ 14 Scarlet Tanager 7 <sup>feeding</sup> 8 <sup>feeding</sup>		
✓ 15 Herring Gull 7' 8 <sup>35</sup> 11 <sup>15</sup> 22 <sup>17</sup>		
✓ 16 Crow 8 <sup>(4)</sup> 10' 23 <sup>(3)</sup> 27 <sup>hd</sup>		
✓ 17 Ruby-crown Kinglet 23' in shrub		

CASH ACCOUNT. NOVEMBER.

Date	Received.	Paid.
10 <sup>2</sup> 11 <sup>2</sup> 21 <sup>(3)</sup> 22 <sup>hd</sup> 23 <sup>2</sup> 25 <sup>(2)</sup>	27 <sup>(3)</sup> 28 <sup>(3)</sup> 30 <sup>hd</sup>	
20' 21' 23' 25 <sup>2</sup> 30 <sup>2</sup>		
20' 21'		
16 <sup>(5)</sup> 20 <sup>(6)</sup> 21 <sup>(4)</sup> 23 <sup>(2)</sup> 24'		
11 <sup>3</sup> 20 <sup>(4)</sup> 21 <sup>(3)</sup> 24' 25 <sup>hd</sup>		
23 <sup>hd</sup> 28 <sup>♂</sup>		
21 <sup>10</sup> 22 <sup>10</sup> 23 <sup>12</sup> 24 <sup>12</sup> 25 <sup>12</sup> 26 <sup>10</sup> 27 <sup>15</sup> 28 <sup>6</sup>		
16 <sup>hd</sup> 21 <sup>♀</sup>		
9 <sup>♂♀</sup>		

Birds in our Garden.

CASH ACCOUNT. DECEMBER.

Date	Received.	Paid.
✓ 1	Chickadee 1 <sup>(3)</sup> 2 <sup>hd</sup> 3 <sup>hd</sup> 4 <sup>hd</sup> 5 <sup>hd</sup> 6 <sup>hd</sup> 7 <sup>(2)</sup>	
✓ 2	Juncos 1 <sup>9</sup> 2 <sup>3</sup> 29 <sup>(2)</sup>	
✓ 3	Blue Jay 1 <sup>(2)</sup> 8 <sup>1</sup> 9 <sup>2</sup> 11 <sup>1</sup> 13 <sup>1</sup> 15 <sup>1</sup> 17 <sup>(3)</sup>	
✓ 4	Brown Creeper 2 <sup>hd</sup> 5 <sup>hd</sup> 20 <sup>1</sup>	
✓ 5	Screech Owl 2 <sup>hd</sup> x Purdy,	
✓ 6	Crow 5 <sup>1</sup> 8 <sup>1</sup> 15 <sup>hd</sup> 17 <sup>1</sup> 19 <sup>1</sup> 20 <sup>1</sup>	
✓ 7	House Sparrow 1, 2, 3, 4, 5, 6, 7, 12, 8, 10, 13	
✓ 8	Hairy Woodpecker 6 <sup>hd</sup> 9 <sup>1</sup>	
c.B. ✓ 9	Hudsonian Chickadee 8 <sup>1</sup> in jungle 17 <sup>1</sup> at base of the mountain	
✓ 10	Flicker 8 <sup>1</sup> 16 <sup>hd</sup> 29 <sup>hd</sup> 31 <sup>hd</sup>	
✓ 11	Downy Woodpecker 10 <sup>hd</sup> 13 <sup>hd</sup> 20 <sup>(3)</sup>	
✓ 12	Tree Sparrow 23 <sup>(8+)</sup>	

CASH ACCOUNT. DECEMBER.

Date	Received.	Paid.
8 <sup>(2)</sup> 9 <sup>(2)</sup> 10 <sup>1</sup> at 5 <sup>hd</sup> 12 <sup>1</sup> do 13 <sup>1</sup> do 15 <sup>hd</sup>	16 <sup>1</sup> 17 <sup>1</sup> 20 <sup>(2)</sup> 23 <sup>1</sup> 31 <sup>(3)</sup>	
19 <sup>hd</sup> 20 <sup>1</sup> 23 <sup>(2)</sup> 28 <sup>1</sup> 29 <sup>1</sup> 30 <sup>2</sup>		
23 <sup>(3)</sup> 27 <sup>hd</sup> 30 <sup>1</sup> purchased in bundles.		
17 <sup>15+</sup> 20 <sup>14+</sup> 23 <sup>15+</sup> 27 <sup>8+</sup> 28 <sup>10+</sup> 29 <sup>10</sup>		
18 <sup>hd</sup> 23 <sup>1</sup> 31 <sup>1</sup>		
23 <sup>8</sup> 28 <sup>hd</sup> 29 <sup>hd</sup> 31 <sup>hd</sup>		

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.		
FEB.		
MAR.		
APR.		
MAY.		
JUNE.		
JULY.		
AUG.		
SEPT.		
OCT.		
Nov.		
DEC.		

Miscellaneous Bird Notes of special interest

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.
13-23	From 1 to 15 <u>Purple Finches</u> in Garden		
22 <sup>nd</sup>	About 7 a.m. three <u>Evening Grosbeaks</u> (1 ♂ 2 ♀♀) were seen by Samuel Henshaw in "Apple Tree corner of Highland and Appleton Streets, Cambridge. He had them in full view for perhaps half a minute" after which "they moved off across and down Appleton St. towards <u>Brookline</u> "		
	RECEIVABLE. (See his letter of Feb. 22)		

BILLS PAYABLE. FEBRUARY

Date.	NAME.	Dolls.	Cts.
12 <sup>th</sup>	Two Sparrow Hawks, ♂ & ♀, seen about 10 a.m. by Walter Deane in the old Greenleaf place on Brattle St. Cambridge. The ♂ flew about in a wide circle screaming & then alighted in a tree with the ♀. This, no doubt, is the same pair that reared young in the dead pine in the Smith place on Brattle Street last year.		

RECEIVABLE.

BILLS PAYABLE. MARCH

Date.	NAME.	Dolls.	Cts.
13	♂ Sparrow Hawk flying over our lawn at 3.30 P.M.		
14	♀ " " perched on top of big Guttwood in Smith place, 3 P.M.		
10	First Oriole 2 white ones found of house		
14	" Snow drops, six, " " Museum		
18	" Honey Bee, at Snow drops		
"	♂ & ♀ Sparrow Hawk Smith place - Bolebridge		
19	First yellow orioles		
"	RECEIVABLE. Bluebirds, Song Sparrows, Fox Sp., Junco, Goldfinch Red-wings & a Phoebe, singing at W. Bulfinch		
31	First Tree Swallows (3)		
"	" Wood Peeps 3, Farm; 2 Benson's		
"	" Hylas, 3 Farm, 1 Benson's		
"	" Robin in field song at our.		
"	Alder in bloom		
"	First Butterflies. 2 small brown ones.		
"	" Spotted Tortoiseshell		
"	Flock 1000+ over Bolebridge flying		
"	N. E. over farm at 3 P.M., winged.		
"	Snow-drops & Spells in bloom		

BILLS PAYABLE. APRIL.

Date.	NAME.	Dolls.	Cts.
1	First hepaticas (front of cabin)		
7	Saw 2 horned lark Deer at Farm		
"	" 21 Black Ducks, Bedford bro.		
"	First Pine Warbler *		
"	" Leopard Traps		
"	" full chorus of Hylas.		
"	Benson's pasture showing grass.		
13	Calypso in bloom		
15	First blood root		
	RECEIVABLE.		
"	First Garden Loops crawling		
16	Flock 36 Geese going N. 4.20 P.M.		
"	Orange Salamander P. 10.00 P.M.		
"	First mosquito bites (2, in cabin)		
18	50+ Tree & Barn Swallows over house		
19	300+ " " " " " "		
20-21	Heavy flight Yellow Warblers		
21	Red. maples in fullest bloom		
22	Forsythia at Benson in full bloom, Camb.		
24	First leaf caterpillars & moss, pink		
27	Viola, tulips & jonquils in bloom.		
28	White maple, apple & barberry leaves unrolled Forsythia in bloom at Farm		

BILLS PAYABLE. MAY.

Date.	NAME.	Dolls.	Cts.
1	" April bush began well ago & Blue Cocks Hylas & leopard Traps, exception & walking good down		
2	First Shad bush in flower - near bank		
3	" Maryland G. Thr. Usnea W., House Wren		
"	" Least Flycatcher.		
4	" Down land, Water Thrush, Bald Eagle		
10	Soon heard calling over B. H. & G. W.		
"	First apple blossoms; Shad in full bloom		
"	" Gypsy Warb. Caravan over on nest		
11	" Fowler's Toad at 6.30 P.M.		
	RECEIVABLE.		
"	River maples in half leaf casting yellow shad		
12	Several apple trees in full bloom		
13	Fowler's Toads & Tree Toads in full cry, 8 P.M.		
14	Several biting mosquitoes, B. H. & T.		
15	River maples casting down shad B. H.		
"	Apple trees in nearly full bloom.		
17	" " " fullest bloom. Big flock over		
"	Prothonotary W. First Dragon Fly		
18	Mosquitoes back this evening from town		
19	Loisels in full bloom.		
23	Apple blossoms nearly all gone		
31	First Bull-Tongue bellows		







Concord

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dolls.	Cts.
5	Gorgeous autumn coloring. That of red maples, tupelos, beeches, <del>hemlocks</del> & Sassafras about at maximum to-day. Cicada flying, Wood Thrup croaking. 1 Bat still in shed Capt.		
4	Otter in river before cabin 7.30 P.M.		
6	Maple foliage faded & falling.		
14	Maple " all down		
"	Hickory " faded. Blueberry & log sill fine		
"	Pulling <sup>RECEIVABLE.</sup> Baldern & blue pearmain apples		
7-15	Pine needles falling.		
16	Oak foliage coloring fast. <u>First ice</u>		
17	⑨ Gull in river off cabin.		
18	2 Deer (big doe & little one) at 7 am		
"	Finished picking apples (began 14 <sup>th</sup> )		
21	Coloring of oaks about its best.		
31	Jinnies, coratins, Carleopard. Nasturtium & holyhocks still in bloom. Many reddish Dragon Flies on wing. Woods bare of foliage.		

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dolls.	Cts.
2	Return to Cambridge.		
3	Ground hard frozen, Ther 28° to 36°		
5-16	No frost. Many days very mild.		
18	First snow-flakes. Ground hard frozen yesterday & to-day. "Finger cold" started 11 Partridge at 7 am on the 17 <sup>th</sup> <sup>(W)</sup> / <sub>16</sub> Saw large doe that evening		

RECEIVABLE.

**BILLS PAYABLE. DECEMBER.**

Date.	NAME.	Dolls.	Cts.
<b>RECEIVABLE.</b>			

**MEMORANDA**

Date.	Dolls.	Cts.
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MEMORANDA.

Date.

Dolls. Cts.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

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NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

## ADDRESSES.

NAME. Mrs. G. N. White (Majorie Carter)  
 STREET, No. 10 Sudbury Road  
 CITY. Concord  
 TELEPHONE No.

NAME. Dorothy Carter  
 STREET, No. 21 Berkeley St. (Mrs. Vaughan)  
 CITY. Cambridge.  
 TELEPHONE No.

NAME. Mrs. Thos. Swasey Farley (Pauline Swasey)  
 STREET, No. Greenwood Farm  
 CITY. South Euclid, Ohio  
 TELEPHONE No. (Send her Purdie Memorial)

NAME. F. W. Urish  
 STREET, No.  
 CITY. Port of Spain, Trinidad.  
 TELEPHONE No.

NAME. E. H. Davis  
 STREET, No. 198 Bellingham Ave.  
 CITY. Beaumont, Mass.  
 TELEPHONE No.

## ADDRESSES.

NAME. George H. Sealey  
 STREET, No. (Artist - Photographer)  
 CITY. Stockbridge, Mass.  
 TELEPHONE No.

NAME. Robert Ridgway  
 STREET, No. 3353 18<sup>th</sup> St., N.W.  
 CITY. Washington, D.C.  
 TELEPHONE No.

NAME. Evelyn Purdie of Mrs. B. H. Nash  
 STREET, No. 252 Beacon St.  
 CITY. Boston of Mrs. B. H. Nash.  
 TELEPHONE No.

NAME. William J. Brewster } forwarding  
 STREET, No. Care of H. A. Cluskey } address  
 CITY. 43 Cedar St. New York City } Sub. Jan 1912  
 TELEPHONE No.

NAME. Robert A. Andrews  
 STREET, No. 60 State  
 CITY. Boston  
 TELEPHONE No.

ADDRESSES.

NAME. *Geo. V. Loewer*  
 STREET, No. *15 Day St., N. Y.*  
 CITY.  
 TELEPHONE No.

NAME. *C. F. B.*  
 STREET, No. *Wildmere Hotel,*  
 CITY. *Minneapolis*  
 TELEPHONE No. *Ulster Co., N. Y.*

NAME.  
 STREET, No.  
 CITY.  
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ADDRESSES.

CALLS.

Rec'd.

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Returned.

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STREET, No.

CITY.

TELEPHONE No

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STREET, No.

CITY.

TELEPHONE No.

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STREET No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

Birds noted at Bethel, Maine  
CALLS. Jan'y 3-5.

CALLS.

Rec'd.	NAME.	January	Returned.
1	<u>Parus atricapillus</u>	3 (8) (3)	4 (3) (5) (6) (5) hds
2	" <u>hudsonicus</u>	3' (2)	
3	<u>Sitta Canadensis</u>	3 2 4 (2) (2) (3) (3)	
4	<u>Dryobates pubescens</u>	3' at 4' at	4' at 4' at
6	<u>Acanthis linaria</u>	3 (30) hds	4 (12) hds from same
6	<u>Loxia leucoptera</u>	3 hds on	
7	<u>Corvus n. togata</u>	3 many trails.	4 (2) by N.B. - patch
8	<u>Syrnium nebulosum</u>	2' heard from house	11 P.M. Dr. G.
9	<u>Cophocoma pileatus</u>	4 (2) in tall, cone	one downy
10	<u>Cyanocitta cristata</u>	4' with Chisel beak	in Glen Woods.
11	<u>Pericoma canadensis</u>	4 hds in	Glen Woods.
12	<u>Regulus satrapa</u>	4 hds in	Glen Woods

Lanius borealis seen by Dr. G. about  
December 28 last.

Corvus am? Two ladies at Dr. G's on  
Sund. they said & heard 2 Corvus on Jan 1.

Red Squirrel, literally swarming in  
Glen Woods. Many seen on road &  
their tracks found everywhere.



Birds noted at Glendale, Mon.

CALLS. Jun 8-17

Rec'd	NAME.	Returned.
1.	<u>Turdus mus.</u>	8' 9' 10 <sup>2</sup> 11' 12'
2.	" <u>fuscus</u>	9' 11' 13' 14'
3.	<u>Mirafra mig.</u>	8' 9 <sup>2</sup> 10' 11' 12'
4.	<u>Sitta carolin</u>	8 <sup>th</sup> . 14 <sup>th</sup> .
5.	<u>Mniotilta</u>	9' 10 <sup>2</sup> 12' 13 <sup>2</sup> 14'
6.	<u>D. virens</u>	8' 9 <sup>2</sup> 10 <sup>2</sup> 11 <sup>2</sup> 12'
7.	" <u>caerulescens</u>	9' 10' 11' 12' 13'
8.	" <u>blackburnia</u>	9' 10' 11' 12'
9.	" <u>maculosa</u>	9' 10' 11' 12'
10.	<u>Stoephaga</u>	8' 9' 10' 11' 13' 14'
11.	<u>S. trichas</u>	9'
12.	<u>Vireo ol.</u>	8 <sup>2</sup> 9 <sup>2</sup> 10 <sup>3</sup> 11 <sup>2</sup> 12 <sup>2</sup>
13.	<u>Piranga</u>	9' 10' 11' 12' 14'
14.	<u>Mel. melodia</u>	9' 10' 11' 12'
15.	<u>Spirilla soc.</u>	8' 9' 10' 11' 12'
16.	<u>Par. cyaneus</u>	8' 9' 10' 11' 12'
17.	<u>Sturnus americanus</u>	8' 9 <sup>2</sup> 10' 11 <sup>2</sup> 12 <sup>2</sup>
18.	<u>Corvus am</u>	9' 10 <sup>2</sup> 11 <sup>2</sup> 13' 14'
19.	<u>Cyanocitta</u>	9' 10 <sup>2</sup> 11 <sup>2</sup> 12 <sup>2</sup>
20.	<u>Icterus galbula</u>	9' 14 <sup>2</sup> 15' 16'

CALLS.

Rec'd.	NAME.	Returned.
13' 14' 16'		
16'		
12' 13' 14' 15' 16' 17'		on lawn 17'
13 <sup>2</sup> 14 <sup>2</sup> 16 <sup>2</sup>		
14' 15' 16'		
13 <sup>2</sup> 14' 15' 16' 17'		
13 <sup>5</sup> 14 <sup>3</sup> 15 <sup>2</sup> 16 <sup>2</sup>		
15' 16' 17'		(Same bird, on apple tree, was here)
13 <sup>3</sup> 14 <sup>4</sup> 15 <sup>3</sup> 16 <sup>2</sup>		
15'		
14' 17 <sup>2</sup>		
12' 14' 15' 17'		
13' 14' 15' 16'		
13 <sup>2</sup> 14 <sup>2</sup> 15 <sup>2</sup> 16 <sup>2</sup>		
15' 16'		
13 <sup>2</sup> 14 <sup>2</sup> 15 <sup>3</sup> 16 <sup>2</sup>		

Birds noted at Glendale

CALLS. June 8

CALLS

Rec'd.	NAME.	Returned.
21.	<u>Contopus vir</u> 10 <sup>1</sup> / <sub>2</sub> 11 <sup>1</sup> / <sub>2</sub>	
22.	<u>Myiarchus cin.</u> 9 <sup>1</sup> / <sub>2</sub> 10 <sup>(2)</sup> 11 <sup>(2)</sup> 12 <sup>2</sup>	
23.	<u>Ampelis ced.</u> 9 <sup>(4)</sup> 12 <sup>hd.</sup> 14 <sup>do</sup> 15 <sup>do</sup>	
24.	<u>Tyrannus</u> 9 <sup>(2)</sup> 16 <sup>1</sup>	
25.	<u>Chaetura</u> 8 <sup>(2)</sup> 9 <sup>(3)</sup> 10 <sup>3</sup> 11 <sup>(4)</sup> 12 <sup>4</sup>	
26.	<u>Colaptes</u> 10 <sup>hd.</sup> 11 <sup>(2)</sup> 12 <sup>1</sup> / <sub>2</sub> 13 <sup>1</sup> 14 <sup>1</sup> / <sub>2</sub>	
27.	<u>D. pennsylvanicus</u> 10 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>2</sub>	
28.	<u>Spin. pusilla</u> 10 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>2</sub>	
29.	<u>Hirundo erythra</u> 10 <sup>3</sup>	
30.	<u>Bonasa im.</u> 10 <sup>200</sup> with young	
31.	<u>Sayornis</u> 10 <sup>1</sup> 11 <sup>1</sup> / <sub>2</sub> <sup>fresh</sup> / 11 <sup>1</sup> / <sub>2</sub> <sup>not fresh</sup>	
32.	<u>Trochilus</u> 9 <sup>1</sup> / <sub>2</sub> <sup>hd.</sup> 11 <sup>1</sup> / <sub>2</sub> <sup>do</sup> 12 <sup>1</sup> / <sub>2</sub> <sup>do</sup>	
33.	<u>Spinus tristis</u> 12 <sup>1</sup> / <sub>2</sub>	
34.	<u>Buteo pennsylvanicus</u> 11 <sup>1</sup> / <sub>2</sub> 12 <sup>(2)</sup> 15 <sup>1</sup> / <sub>2</sub>	
35.	<u>Vireo solitarius</u> 11 <sup>1</sup> / <sub>2</sub> 12 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> / <sub>2</sub>	
36.	<u>Empidonax hammondi</u> 13 <sup>1</sup> / <sub>2</sub>	
37.	<u>Parus albi</u> 13 <sup>1</sup> / <sub>2</sub> 14 <sup>hd.</sup> 15 <sup>hd.</sup> 17 <sup>1</sup> / <sub>2</sub>	
38.	<u>Buteo lin.</u> 14 <sup>(2)</sup>	
39.	<u>Galusca car.</u> 8 <sup>1</sup> / <sub>2</sub> 14 <sup>1</sup> 16 <sup>1</sup> / <sub>2</sub>	
40.	<u>Carpodacus pur</u> 14 <sup>1</sup> / <sub>2</sub>	

Rec'd.	NAME.	Returned.
13 <sup>1</sup> / <sub>2</sub> 14 <sup>(2)</sup> 15 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>2</sub>		
16 <sup>(2)</sup>		
14 <sup>4</sup> 15 <sup>4</sup> 16 <sup>2</sup>		
15 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> 17 <sup>1</sup> / <sub>2</sub>		
14 <sup>do</sup> 16 <sup>do</sup>		
16 <sup>1</sup>		
15 <sup>1</sup> / <sub>2</sub> 16 <sup>1</sup> / <sub>2</sub>		
17 <sup>1</sup> / <sub>2</sub>		
17 <sup>4</sup>		
17 <sup>1</sup> / <sub>2</sub>		
17 <sup>10</sup>		
17 <sup>1</sup> / <sub>2</sub>		

<u>D. aud. activa</u>	17 <sup>1</sup> / <sub>2</sub>
<u>D. olivaceus</u>	17 <sup>4</sup>
<u>Sturnella</u>	17 <sup>1</sup> / <sub>2</sub>
<u>Icterus</u>	17 <sup>10</sup>
<u>Emp. min</u>	17 <sup>1</sup> / <sub>2</sub>

Stacked by

Birds at Wolfboro, N. H.  
CALLS. June 18-19

Rec'd.	NAME.	Returned.
	<u>Merula mig</u> 19 <sup>2</sup> bellay	
	<u>Dend. aestiva</u> 19 <sup>2</sup> "	
	" <u>vigorsii</u> 19 <sup>2</sup> (Wiers) 20 <sup>2</sup> Call them	
	" <u>pennsylvan.</u> 20 <sup>2</sup> Call them	
	<u>Mniotilta varia</u> 20 <sup>2</sup> " "	
	<u>Seiurus acaesuf.</u> 20 <sup>2</sup> " "	
	<u>Vireo olivaceus</u> 19 <sup>2</sup> 20 <sup>2</sup> bellay	
	" <u>gilvius</u> 19 <sup>2</sup> 20 <sup>3</sup> "	
	<u>Progne subis</u> 19 30 <sup>4</sup> "	
	<u>Petrochelidon lunifrons</u> 19 50 <sup>4</sup> Reading D.	
	<u>Corpodacus purpureus</u> 19 <sup>2</sup> 20 <sup>2</sup> bellay	
	<u>Icterus galb.</u> 20 <sup>2</sup> "	
	<u>Turdus carolin.</u> 19 <sup>2</sup> 20 <sup>6</sup> Call them	
	<u>Chaetura pelagica</u> 19 <sup>2</sup> bellay	
	<u>Coccyzus americanus</u> 20 <sup>6</sup> Call them	
	<u>Haliaeetus leucorhynch.</u> 20 <sup>1</sup> ad. Call	
	<u>Empidonax minimus</u> 19 <sup>2</sup> bellay	
	<u>Tyrannus carolin.</u> 20 <sup>2</sup> "	
	<u>Contopus virens</u> 19 <sup>2</sup> (midnight)	

LETTERS.

Rec'd.	NAME.	Answered.
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LETTERS.

Rec'd.	NAME.	Answered.

LETTERS.

Rec'd.	NAME.	Answered.

## LETTERS.

Rec'd.

NAME.

Answered.

## Gypsy Moth Conditions.

July 28, 1912 LETTERS. Covered, Mass.

Rec'd.

NAME.

Answered.

Ball's Hill RegionOaks & pines across river clean.

Cut brown loes &amp; renew tangle.

No need to spray in 1913.

Ball's Hill. A few nests on oaks close to cabin. hardly any elsewhere. Crossed them nests & cut brown loes. Don't spray.Rear of Ball's Hill. Two oaks by vegetable garden in fact (crossed nests & renew complete). Very few nests in pine grove or maple by swamp.Oak ridge west side of swamp but by the way in fact. No need to spray if brown loes are cut.Pine Park perfectly clean.Blackman Ridge & Bennett's Knoll with all woodlands perfectly clean.

No gypsies or other nests seen there. Nothing to do but cut brown loes.

Holden's Hill. Pines mostly dead

Hatched &amp; covered.

Gypsy Moth Conditions

July 28, 1912 LETTERS. Concord, Mass.

Rec'd.	NAME.	Answered.
	<u>Bali Hill Region</u>	
	<u>Pine Hill</u> . Top with north & west sides nearly clear. Cut hard wood spruce & let rest go. East slope moderately, south slope very badly infested. Have <u>Pine</u> spray <u>every</u> thing south & east of roadway to edge of swamp & river meadows including pines west of larch grove. All superfluous trees should be cut this autumn including pines & birches east of larches. The colony is a bad one & must be stopped.	
	<u>Davis Hill</u> . Shocking bad. Oaks leafed with laying of eggs & air alive with flying eggs. Only a few nests on pines. There should be complete removal. All big oaks should be cut. Second growth oaks on S. slope can be saved by spraying.	

Gypsy Moth Conditions

July 28, 1912 LETTERS.

Rec'd.	NAME.	Answered.
	<u>The Town Region</u>	
	<u>Prescott Park</u> . General infestation bad among & near hardwoods. There should be cut out everywhere.	
	<u>Birk Field</u> . Bad all over. Cut lots of birches & have <u>Dune</u> spray.	
	<u>Oaks at &amp; near Spring</u> . Clean Juniper & cut birches only.	
	<u>Pulpit Rock woods</u> . Rather bad. Cut out all super. oaks & birches. <u>Wood edge near park orchard</u> . Rows long oak clean. Remove complete & cut <u>beech</u> etc. Soon growth along <u>right</u> way cut paths badly infested. Have <u>Dune</u> spray at <u>throughly</u> & also <u>very</u> <u>untreated</u> .	

Gypsy Moth Conditions

July 28, 1912. LETTERS. Concord, Mass.

Rec'd.	NAME.	Answered.
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The Fir

Lower perfectly clean } also  
 Oak grown by farm " } orchards.  
 Some trouble in broodless pine

Work to be done in 1913.

Spraying. Have Pines cut brown tails  
 across river, on Ball's & Beckman  
 Ridge, oak by Spring & at Farm &  
 in Berry pasture. Have been spraying  
 only on Pine Hill & elm at Farm.  
 Have Dunes spray along cut road  
 from Farm to Benson's & the  
 whole of Birch Field.  
Tanglefoot (Pine) by trees across  
 river, by oak E. of Ball's Hill, 3  
 oak row of hill, pines on Davis  
 Hill, Oaks near Spring & in  
 row below park orchard at Farm.

Roses at D. C. French  
 June 1912.

White Brumby - Cherry red.  
Mrs. John Baird - Soft pink  
Conrad Mayer - Silvery "  
Kova Zumbler - Red.

xx Pine Camille de Rohan - Dark  
 velvety red.

xx Fran Karl Dressler - Very white

xx Persian Yellow

(All the above come from  
 Harford's nursery. They are  
 the best roses I ever saw /

Winter-flowering bulbs strongly  
recommended by D. Gehring

---

\* Tulip "Jules Janin"

Narcissus Postas Profusion  
" "Triumph

Bats in shed kept at 7 am

May 4. Four (Am faris)

" 7. "



