

Diary

1915.

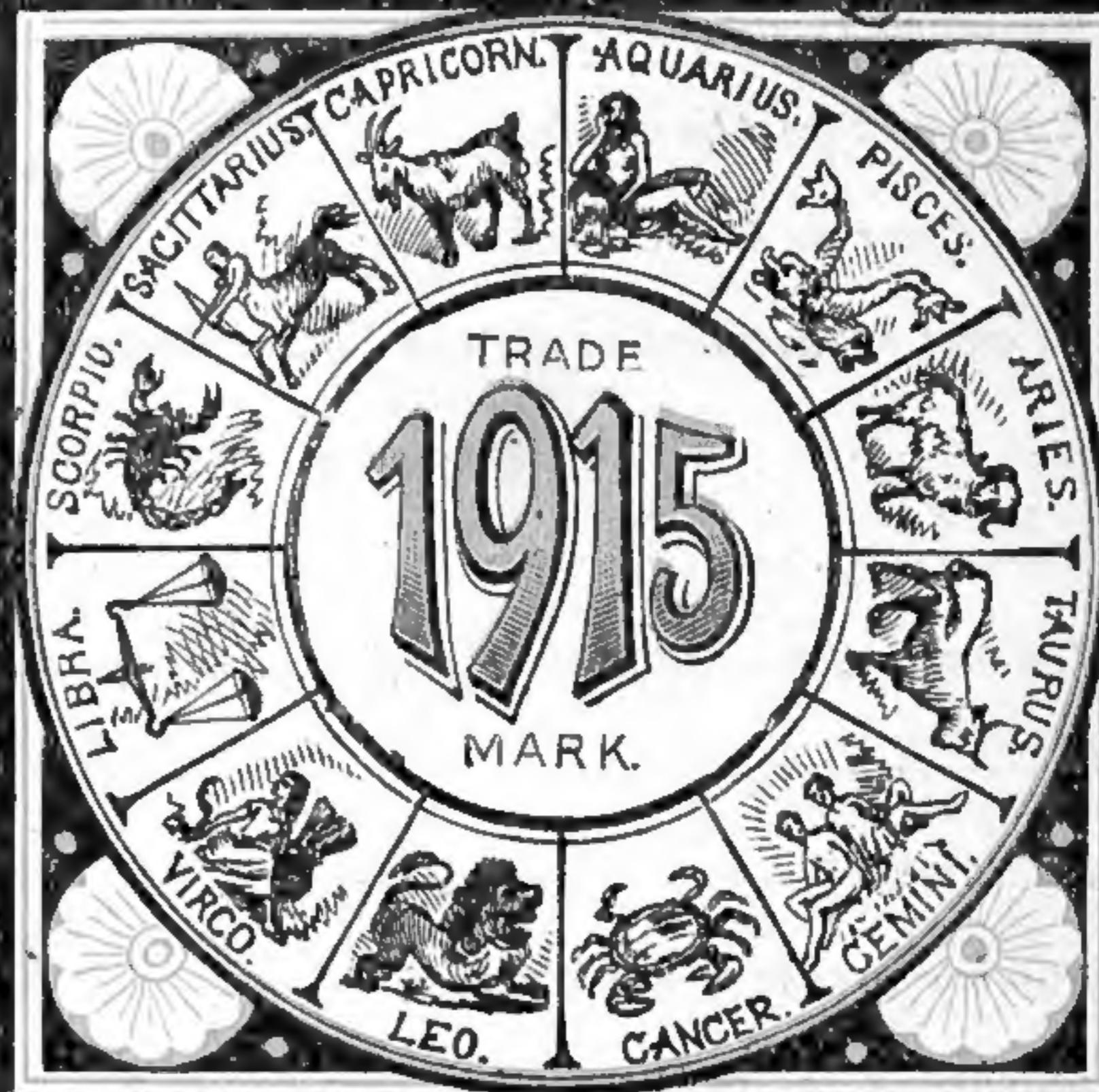
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125

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

THE
STANDARD

DIARY



FOR SALE BY ALL STATIONERS

PUBLISHED BY
THE STANDARD DIARY CO.

CALENDAR 1916

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

RATES OF POSTAGE.

Official at time of printing. As changes are expected inquire at P. O.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

First Class (letters, etc.)	per ounce	2c
Second " (newspapers, periodicals)	4 "	1c
Third " (books under 8 ozs. and all circulars)	2 "	1c
Fourth " (merchandise, etc.)	see Parcel Post	
Registration Fee (extra postage)		10c
Special Delivery (" ")		10c
Postal Cards (reply cards 2c)		1c
Local or Drop Letters (where no free delivery)	"	1c
Postal Savings Bank (inquire at P. O.)		

MONEY ORDERS.—For sums not exceeding \$2.50, 3 cents; over \$2.50 to \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; over \$75 to \$100, 30 cents.

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.

PARCEL POST, for United States and Possessions. (Inquire at Post Office.)

Owing to frequent changes in rates, weights, etc., we deem it impracticable to attempt to give accurate information.

Postage to Foreign Countries.

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

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
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.....	44,461	27,838
Augusta, Ga.....	41,040	39,441
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
Butte, Mont.....	39,165	30,470
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
Chelsea, Mass.....	32,452	34,072
Chester, Pa.....	38,537	33,988
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
Council Bluffs, Ia.....	29,292	25,802
Covington, Ky.....	53,270	42,938
Dallas, Tex.....	92,104	42,638
Davenport, Ia.....	43,028	35,254
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
Dubuque, Ia.....	38,494	36,297
Duluth, Minn.....	78,466	52,969
East St. Louis, Ill.....	58,547	29,655
Elizabeth, N. J.....	73,409	52,130
Elmira, N. Y.....	37,176	35,672
Erie, Pa.....	66,525	52,733
Evansville, Ind.....	69,647	59,007
Fall River, Mass.....	119,295	104,863
Fitchburg, Mass.....	37,826	31,531
Fort Wayne, Ind.....	63,933	45,115
Fort Worth, Tex.....	73,312	26,688
Galveston, Tex.....	36,981	37,789
Gloucester, Mass.....	24,398	26,121
Grand Rapids, Mich.....	112,571	87,565
Hamilton, O.....	35,279	23,914
Harrisburg, Pa.....	64,186	50,167
Hartford, Conn.....	98,915	79,850
Haverhill, Mass.....	44,115	37,175
Hoboken, N. J.....	70,324	59,364

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1910	1900
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233,650	169,164
Jackson, Mich.	31,433	25,180
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Joliet, Ill.	34,670	29,353
Kalamazoo, Mich.	39,437	24,404
Kansas City, Kan.	82,331	51,418
Kansas City, Mo.	248,581	163,752
Knoxville, Tenn.	36,346	32,637
La Crosse, Wis.	30,417	28,895
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lexington, Ky.	35,099	26,369
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
Macon, Ga.	40,665	23,272
Madison, Wis.	25,531	19,164
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
McKeesport, Pa.	42,694	34,227
Memphis, Tenn.	131,105	102,320
Meriden, Conn.	27,265	24,296
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Montgomery, Ala.	38,136	30,346
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
Newcastle, Pa.	36,280	28,339
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
Newton, Mass.	39,806	33,587
New York, N. Y.	4,766,883	3,437,202
Niagara Falls, N. Y.	30,445	19,457
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
Pasadena, Cal.	30,291	9,117
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
Perth Amboy, N. J.	32,121	17,699
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
Quincy, Ill.	36,587	36,252
Quincy, Mass.	32,642	23,899
Racine, Wis.	38,002	29,102
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
Rutland, Vt.	13,546	11,499
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 Diego, Cal.	39,578	17,700
San Francisco, Cal.	416,912	342,782
San Jose, Cal.	28,946	21,500
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
Superior, Wis.	40,384	*36,551
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Tampa, Fla.	37,782	15,839
Taunton, Mass.	34,259	31,036
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
Waltham, Mass.	27,834	23,481
Washington, D. C.	331,069	278,718
Waterbury, Conn.	73,141	45,859
West Hoboken, N. J.	35,403	23,094
Wheeling, W. Va.	41,641	38,878
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Williamsport, Pa.	31,860	28,757
Wilmington, Del.	87,411	76,508
Woonsocket, R. I.	38,125	28,204
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

* 1905

THE LARGEST CITIES IN THE WORLD.

1910 Census data for cities in the United States. Late official census or official estimates for all foreign cities.

New York	4,766,883	Montreal	470,480
London	4,521,685	Detroit	465,766
Paris	2,888,110	Sheffield	454,632
Tokio, Japan	2,186,079	Sao Paulo, Brazil	450,000
Chicago	2,185,283	Leeds	445,550
Berlin	2,071,257	Kioto, Japan	442,462
Vienna	2,031,498	Rotterdam	436,018
St. Petersburg	1,962,400	Turin	427,106
Philadelphia	1,549,008	Buffalo	423,715
Moscow	1,533,400	San Francisco	416,912
Buenos Ayres	1,314,163	Frankfort-on-Main	414,576
Peking	1,300,000	Lodz, Poland	408,330
Osaka, Japan	1,226,590	Dublin	403,030
Calcutta	1,222,313	Yokohama	394,303
Constantinople	1,200,000	Belfast	386,947
Rio Janeiro	1,128,637	Nagoya, Japan	378,231
Canton	1,000,000	Kobe, Japan	378,197
Bombay	979,445	Milwaukee	373,857
Hamburg	931,035	Hong Kong	366,145
Glasgow	784,496	Cincinnati	363,591
Buda-Pesth	880,371	Dusseldorf	358,728
Warsaw	872,478	Bristol, Eng.	357,048
Tientsin	800,000	Lisbon	356,009
Liverpool	746,421	Montevideo	352,487
Manchester, Eng.	714,333	Newark, N.J.	347,469
St. Louis	687,029	Stockholm	346,599
Naples	678,031	New Orleans	339,075
Boston	670,585	Bucharest	338,109
Cairo, Egypt	654,476	Nuremberg	333,142
Shanghai	651,000	Santiago, Chili	332,724
Brussels	646,400	Alexandria	332,246
Sidney	636,353	Riga	331,300
Bangkok	628,675	Washington	331,069
Melbourne	600,160	Palermo	321,000
Milan	597,325	Edinburgh	320,318
Munich	596,467	Havana	319,884
Leipzig	589,850	Los Angeles	319,198
Amsterdam	580,960	Antwerp	308,618
Madrid	571,539	Charlottenburg, Prussia	305,978
Cleveland	560,663	Hanover, Germany	302,375
Barcelona	560,000	Minneapolis	301,408
Copenhagen	559,000	Essen, Germany	294,653
Baltimore	558,485	West Ham, Eng.	289,030
Marseilles	550,619	The Hague	288,577
Dresden	550,565	Bradford	288,458
Rome	542,123	Chemnitz	287,807
Pittsburgh	533,905	Stuttgart	286,218
Birmingham, Eng.	526,000	Teheran	280,000
Lyons	523,796	Hull	277,991
Madras	518,660	Genoa	272,221
Cologne	516,527	Jersey City	267,779
Breslau	512,000	Newcastle	266,603
Odessa	505,600	Nottingham	259,904
Kiev, Russia	505,060	Lucknow	259,798
Hyderabad	500,000	Prague	223,741
Mexico City	470,659		

PRESIDENTS OF THE UNITED STATES.

NUM.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2	JOHN ADAMS	Oct. 31, 1735	Mar. 4, 1797	"	July 4, 1826	Mass.	Mass.	"
3	THOMAS JEFFERSON	April 2, 1743	" 4, 1801	"	" 4, 1826	Virginia.	Virginia.	Republican.
4	JAMES MADISON	Mar. 16, 1751	" 4, 1809	"	June 28, 1836	"	"	"
5	JAMES MONROE	April 28, 1758	" 4, 1817	"	July 4, 1831	Mass.	Mass.	Coalition.
6	JOHN QUINCY ADAMS	July 11, 1767	" 4, 1825	"	Feb. 23, 1848	S. Carolina.	Tennessee.	Democrat.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	"	June 8, 1845	New York.	New York.	"
8	MARTIN VAN BUREN	Dec. 5, 1782	" 4, 1837	"	July 24, 1862	Virginia.	Ohio.	Whig.
9	WM. H. HARRISON	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	"	Virginia.	Democrat.
10	JOHN TYLER	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	N. Carolina.	Tennessee.	Democrat.
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.	June 15, 1849	Virginia.	Louisiana.	Whig.
12	ZACHARY TAYLOR	Sept. 24, 1784	" 4, 1849	1 year 4 mos.	July 9, 1850	New York.	New York.	"
13	MILLARD FILLMORE	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	N. Hamp.	N. Hamp.	Democrat.
14	FRANKLIN PIERCE	Nov. 23, 1804	Mar. 4, 1853	4 years.	Oct. 8, 1869	Penn.	Penn.	"
15	JAMES BUCHANAN	April 23, 1791	" 4, 1857	"	June 1, 1868	Kentucky.	Illinois.	Republican.
16	ABRAHAM LINCOLN	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	N. Carolina.	Tennessee.	"
17	ANDREW JOHNSON	Dec. 29, 1808	April 15, 1865	3 yrs. 10 1/2 mos.	July 31, 1875	Ohio.	Ohio.	"
18	ULYSSES S. GRANT	April 27, 1822	Mar. 4, 1869	8 years.	July 23, 1885	"	"	"
19	RUTHERF'D B. HAYES	Oct. 4, 1822	" 5, 1877	"	Jan. 17, 1893	Vermont.	New York.	"
20	JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6 1/2 months.	Sept. 19, 1881	New Jersey.	Indiana.	Democrat.
21	CHESTER A. ARTHUR	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5 1/2 mos.	Nov. 18, 1886	Ohio.	New York.	Republican.
22	GROVER CLEVELAND	Mar. 18, 1837	Mar. 4, 1885	4 years.	June 24, 1908	New Jersey.	Ohio.	Democrat.
23	BENJAMIN HARRISON	Aug. 20, 1833	" 4, 1889	"	Mar. 13, 1901	Ohio.	Ohio.	Republican.
24	GROVER CLEVELAND	Mar. 18, 1837	" 4, 1893	4 yrs. 6 1/2 mos.	June 24, 1908	New York.	New York.	Republican.
25	WILLIAM MCKINLEY	Jan. 29, 1843	" 4, 1897	4 yrs. 6 1/2 mos.	Sept. 14, 1901	Ohio.	Ohio.	Republican.
26	THEODORE ROOSEVELT	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5 1/2 mos.	.....	Ohio.	Ohio.	Republican.
27	WM. HOWARD TAFT	Sept. 15, 1857	Mar. 4, 1909	4 yrs.	.....	Virginia.	New Jersey.	Democrat.
28	WOODROW WILSON	Dec. 28, 1856	" 4, 1913	.....	.....	.....	.....	.....

INTEREST TABLE.

FOUR PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	I	II
3 "	0	0	0	0	0	0	0	0	0	1/2	3 1/2	33
5 "	0	0	0	0	0	0	0	1/2	1/2	1/2	5 1/2	56
10 "	0	0	0	1/2	1/2	1/2	I	I	I	I	II	I II
1 Mo.	0	1/2	I	1 1/2	1 1/2	2	2 1/2	2 1/2	3	3 1/2	33	3 33
2 "	1/2	1 1/2	2	2 1/2	3 1/2	4	4 1/2	5 1/2	6	6 1/2	67	6 67
3 "	I	2	3	4	5	6	7	8	9	10	I 00	10 00
4 "	1 1/2	2 1/2	4	5 1/2	6 1/2	8	9 1/2	10 1/2	12	13 1/2	I 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 YR.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	I	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	I	I	I	7	69
10 "	0	0	0	0	I	I	I	I	I	1 1/2	14	I 39
1 Mo.	1/2	I	I	2	2	3	3	4	4	4	42	4 17
2 "	I	1 1/2	3	3	4	5	6	7	8	8	83	8 33
3 "	I	2 1/2	4	5	6	8	9	10	11	13	I 25	12 50
4 "	1 1/2	3	5	7	8	10	12	13	15	17	I 67	16 67
6 "	2 1/2	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	3 1/2	7 1/2	11	15	19	23	26	30	34	38	3 75	37 50
1 YR.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	I	5	50
5 "	0	0	0	0	0	I	I	I	I	I	8	83
10 "	0	0	I	I	I	I	I	I	2	2	17	I 67
1 Mo.	1/2	I	2	2	3	3	4	4	5	5	50	5 00
2 "	I	2	3	4	5	6	7	8	9	10	I 00	10 00
3 "	1 1/2	3	5	6	8	9	11	12	14	15	I 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	4 1/2	9	14	18	23	27	32	36	41	45	4 50	45 00
1 YR.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES, AND DAYS OF GRACE.

STATES AND TERRITORIES.	DAYS OF GRACE.		RATES OF INTEREST.		STATUTES OF LIMITATIONS.		
	Notes.	Sight Drafts	Legal.	SPECIAL OR CONTRACT	Judgments, Years.	Notes, Years.	Open Accts. Years.
Alabama	No	No	8	8 per ct.	20	6*	3
Alaska	Yes	No	8	12 per ct.	10	6	1
Arizona	No	No	6	No limit.	5	4	3
Arkansas	Yes	Yes	6	10 per ct.	10	5	3
California	No	No	7	No limit.	5	4	4
Colorado	No	No	8	No limit.	20	6	6
Connecticut	No	No	6	No limit.	(a)	(b)	6
Delaware	No	No	6	6 per ct.	10	6†	3
Dist. of Columbia	No	No	6	10 per ct.	12	3	3
Florida	No	No	8	10 per ct.	20	5	2
Georgia	No	No	7	8 per ct.	7	6†	4
Hawaiian Isl'nds	No	No	8	12 per ct.	...	...	...
Idaho	No	No	7	12 per ct.	6	5	4
Illinois	No	No	5	7 per ct.	20	10	5
Indiana	No	No	6	8 per ct.	20	10	6
Iowa	No	No	6	8 per ct.	20†	10	5
Kansas	No	No	6	10 per ct.	5	5	3
Kentucky	No	No	6	6 per ct.	15	15	5
Louisiana	No	No	5	8 per ct.	10	5	3
Maine	No	Yes	6	No limit.	20	6-20	6
Maryland	No	No	6	6 per ct.	12	3	3
Massachusetts	No	Yes	6	No limit.	20	3	6
Michigan	No	No	5	7 per ct.	10	6	6
Minnesota	No	Yes	6	10 per ct.	10	6	6
Mississippi	Yes	Yes	6	10 per ct.	7	6	3
Missouri	No	No	6	8 per ct.	10	10	5
Montana	No	No	8	No limit.	10	8	5
Nebraska	No	No	7	10 per ct.	5	5	4
Nevada	No	No	7	No limit.	6	4	4
New Hampshire	No	Yes	6	6 per ct.	20	6	6
New Jersey	No	No	6	6 per ct.	20	6	6
New Mexico	No	No	6	12 per ct.	7	6	4
New York	No	No	6	16 per ct.	20	6	6
North Carolina	No	No	6	6 per ct.	10	3*	3
North Dakota	No	No	7	12 per ct.	10	6	6
Ohio	No	No	6	8 per ct.	6-15	15	6
Oklahoma	Yes	Yes	6	10 per ct.	1-5	5	3
Oregon	No	No	6	10 per ct.	10	6	6
Pennsylvania	No	No	6	6 per ct.	5	6†	6
Philippine Isl'nds	No	No	6	No limit.	....	....	....
Porto Rico	No	No	6	12 per ct.	....	....	....
Rhode Island	No	Yes	6	No limit.	20	6	6
South Carolina	Yes	Yes	7	8 per ct.	10	6	6
South Dakota	Yes	Yes	7	12 per ct.	10	6	6
Tennessee	No	No	6	6 per ct.	10	6	6
Texas	Yes	Yes	6	10 per ct.	10	4	2
Utah	No	No	8	12 per ct.	8	6	4
Vermont	No	No	6	6 per ct.	8	6	6
Virginia	No	No	6	6 per ct.	20	5*	2-3
Washington	No	No	6	12 per ct.	6	6	3
West Virginia	No	No	6	6 per ct.	10	10	5
Wisconsin	No	No	6	10 per ct.	6-20	6	6
Wyoming	No	No	8	12 per ct.	21	5	8

— Any rate of interest on call loans of \$5,000 or upward, on collateral security.
 (a) No limit. (b) Negotiable notes, 6 years. * Under seal, 10 years.
 † Under seal, 20 years. ‡ In Courts of Record, 20 years; Justice's Court, 10 years. § Accounts between merchants, 2 years.

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

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

MEASURE OF SURFACE.

<p>144 Square Inches = 1 Square Foot. 9 Square Feet = 1 Square Yard. 30½ 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.</p>	
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MEASURE OF SOLIDITY.

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

AVOIRDUPOIS WEIGHT.

27½ Grains = 1 Drachm (dr.) or 27½ 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.

DIAMOND WEIGHT.

16 Parts = 1 Grain (4-5ths Grain Troy.)	
4 Grains = 1 Carat (3 1-5th Grains Troy.)	

LIQUID MEASURE.

4 Gills = 1 Pint.	31½ Gallons = 1 Barrel.
2 Pints = 1 Quart.	54 Gallons = 1 Hhd.
4 Quarts = 1 Gallon.	252 Gallons = 1 Tun.

DRY MEASURE.

8 Quarts = 1 Peck.	8 Bushels = 1 Quarter.
4 Pecks = 1 Bushel.	36 Bushels = 1 Chaldron.
1 Bushel = 2150.42 Cubic Inches.	

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine.....	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
New Hampshire.....	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont.....	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.....	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut.....	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York.....	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey.....	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania.....	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware.....	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland.....	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia.....	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia.....	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.....	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina.....	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina.....	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia.....	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana.....	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas.....	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee.....	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky.....	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio.....	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan.....	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana.....	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois.....	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin.....	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota.....	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa.....	48	52	..	55	..	57	33	60	56	60	50	..	60	60	45
Missouri.....	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas.....	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska.....	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California.....	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon.....	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

HELP! In Case of Accidents.

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

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 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.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain, if alive, it will close up.

Cinders in the Eye. Roll soft paper up like a lamplighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

Fire in one's Clothing. *Don't run* — especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

Suffocation from Inhaling Burning-Gas. Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia,— twenty drops to a tumbler of water, at frequent intervals.

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.

Acids. MURIATIC. OXALIC, }
ACETIC. SULPHURIC (Oil of Vit- } Soapsuds, Magnesia, Lime-water.
riol). NITRIC (Aqua Fortis). }

Prussic Acid. Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. }
HARTSHORN. AMMONIA. } Vinegar or Lemon juice in water.

Arsenic. }
Rat Poison. } Milk, raw Eggs, Sweet Oil, Lime-water, Flour
Paris Green. } and water.

Bug Poison. }
Lead. }
Saltpetre. } Whites of Eggs, or Milk in large doses.
Corrosive Sublimate. }
Sugar of Lead. }
Blue Vitriol. }

Chloroform. }
Chloral. } Dash cold water on head and chest. Artificial
Ether. } respiration. Piece of ice in rectum.

Carbonate of Soda. }
Copperas. Cobalt. } Soapsuds and mucilaginous drinks.

Iodine. }
Antimony. } Starch and water. Astringent infusions.
Tartar Emetic. } Strong tea.

Mercury AND ITS SALTS. Whites of Eggs. Milk. Mucilages.

Nitrate of Silver. }
Lunar Caustic. } Salt and water.

Opium. }
Morphine. }
Laudanum. } Strong coffee, hot bath. Keep awake and
Paregoric. } moving at any cost.
Soothing Powders }
or Syrups. }

Strychnine. }
Tinct. of Nux Vomica. } Mustard and water. Sulphate of Zinc.
Absolute quiet. Plug the ears.

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, gen. election, Oct. 12, Thanksgiving, Dec. 25.
ALASKA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 18, Thanksgiving, Dec. 25, gen. election.
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, June 3, July 4, Labor Day, Oct. 12, 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. elec.
COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.
CONNECTICUT—Jan. 1, Feb. 12 and 22, Good Friday, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25.
DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25, election day.
DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25.
FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, Apr. 26, June 3, July 4, Labor Day, Thanksg'g, Dec. 25, gen. elec.
GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, Labor Day, any Thanksgiving, 1st Friday in Dec., 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, May 30, June 15, July 4, July 15, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.
INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. elec.
IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.
KANSAS—Jan. 1, Feb. 12 and 22, May 30, public fast, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general 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, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, Labor Day, Sept. 12, Oct. 12, Thanksg'g, Dec. 25, gen. elec.
MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, elec. days.
MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, Arbor Day, gen. 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, Labor Day, Oct. 12, Thanksg'g, Dec. 25, gen. election.
NEBRASKA—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, public fast, Thanksgiving, Dec. 25.
NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Oct. 12, Oct. 31, Thanksgiving, Dec. 25, general election.
NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. 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, Oct. 12, Thanksgiving, Dec. 25, general election.
NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, 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, election day.
NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, election last Thursday in June, July 4, Arbor Day, Labor Day, Thanksgiving, public fast, Dec. 25, general election.
OHIO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.
OREGON—Jan. 1, Feb. 22, May 30, July 4, Labor Day, public fast, Thanksgiving, Dec. 25, general election.
PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday p. m.
PORTO RICO—Jan. 1, Feb. 22, Mar. 22, Good Friday, May 30, July 4, July 25, Thanksgiving, Christmas.
RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, 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, Labor Day, Thanksgiving, Dec. 25, gen. 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, Labor Day, Thanksgiving, Dec. 25, general election, every Saturday p. m.
TEXAS—Jan. 1, Feb. 22, Mar. 2, April 21, June 3, July 4, Labor Day, Oct. 12, Dec. 25, days of Fasting and Thanksg'g, elec. day.
UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, Labor Day, Thanksgiving, Dec. 25.
VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, every Saturday p. m., gen. election.
WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.
WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Dec. 25, Thanksgiving, general election.
WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, Labor Day, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, gen. elec.
WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, July 10, Labor Day, Thanksgiving, Dec. 25, general election.

RATE OF INCOME ON STOCKS.

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

Paid	2%	3%	4%	5%	6%	7%	8%	10%
\$50	4 00	6 00	8 00	10 00	12 00	14 00	16 00	20 00
52½	3 81	5 71	7 62	9 52	11 43	13 33	15 24	19 04
55	3 63	5 45	7 27	9 09	10 91	12 72	14 55	18 18
57½	3 48	5 22	6 96	8 70	10 43	12 17	13 91	17 40
60	3 33	5 00	6 67	8 33	10 00	11 67	13 33	16 66
62½	3 20	4 80	6 40	8 00	9 60	11 20	12 80	16 00
65	3 08	4 62	6 15	7 69	9 23	10 77	12 31	15 38
67½	2 96	4 44	5 93	7 41	8 89	10 37	11 85	14 82
70	2 86	4 29	5 71	7 14	8 57	10 00	11 43	14 28
72½	2 76	4 14	5 52	6 90	8 27	9 65	11 03	13 80
75	2 67	4 00	5 33	6 67	8 00	9 33	10 67	13 35
77½	2 58	3 87	5 16	6 45	7 74	9 03	10 32	12 90
80	2 50	3 75	5 00	6 25	7 50	8 75	10 00	12 50
82½	2 42	3 64	4 85	6 06	7 27	8 48	9 70	12 12
85	2 35	3 53	4 71	5 88	7 06	8 24	9 41	11 76
87½	2 29	3 43	4 57	5 71	6 86	8 00	9 14	11 42
90	2 22	3 33	4 44	5 56	6 67	7 78	8 89	11 11
92½	2 16	3 24	4 32	5 41	6 49	7 57	8 65	10 82
95	2 11	3 16	4 21	5 26	6 32	7 37	8 42	10 52
97½	2 05	3 08	4 10	5 13	6 15	7 18	8 21	10 26
100	2 00	3 00	4 00	5 00	6 00	7 00	8 00	10 00
102	1 96	2 94	3 92	4 90	5 88	6 86	7 84	9 80
104	1 92	2 88	3 85	4 81	5 77	6 73	7 69	9 62
106	1 88	2 83	3 77	4 72	5 66	6 60	7 55	9 44
108	1 85	2 78	3 70	4 63	5 56	6 48	7 41	9 26
110	1 82	2 73	3 64	4 55	5 45	6 36	7 27	9 10
115	1 74	2 61	3 48	4 35	5 22	6 09	6 96	8 69
120	1 67	2 50	3 33	4 17	5 00	5 83	6 67	8 33
125	1 60	2 40	3 20	4 00	4 80	5 60	6 40	8 00
130	1 54	2 31	3 08	3 85	4 62	5 38	6 15	7 70
135	1 48	2 22	2 96	3 70	4 44	5 19	5 93	7 40
140	1 43	2 14	2 86	3 57	4 29	5 00	5 71	7 14
145	1 38	2 07	2 76	3 45	4 14	4 83	5 52	6 90
150	1 33	2 00	2 67	3 33	4 00	4 67	5 33	6 66
155	1 29	1 94	2 58	3 23	3 87	4 52	5 16	6 46
160	1 25	1 87	2 50	3 12	3 75	4 37	5 00	6 25
165	1 21	1 82	2 42	3 03	3 64	4 24	4 85	6 06
170	1 18	1 76	2 35	2 94	3 53	4 12	4 71	5 88
175	1 14	1 71	2 29	2 86	3 43	4 00	4 57	5 72
180	1 11	1 67	2 22	2 78	3 33	3 89	4 44	5 55
185	1 08	1 62	2 16	2 70	3 24	3 78	4 32	5 40
190	1 05	1 58	2 11	2 63	3 16	3 68	4 21	5 26
195	1 03	1 54	2 05	2 56	3 08	3 59	4 10	5 12
200	1 00	1 50	2 00	2 50	3 00	3 50	4 00	5 00

BUSINESS LAW IN DAILY USE.

The following compilation of Business Law contains the essence of a large amount of legal verbiage:

A note by a minor is void.

It is a fraud to conceal a fraud.

A note made on Sunday is void.

Ignorance of the law excuses no one.

A contract made with a minor is void.

A contract made with a lunatic is void.

The acts of one partner bind all the rest.

Notes bear interest only when so stated.

An agreement without consideration is void.

A receipt for money is not always conclusive.

The law compels no one to do impossibilities.

Contracts made on Sunday cannot be enforced.

Signatures made with a lead pencil are good in law.

Principals are responsible for the acts of their agents.

No consideration is sufficient in law if it be illegal in its nature.

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.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

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, 1914, 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	
Canada	Gold	Dollar	1 0 0	
Costa Rica.....	Gold	Colon.....	0 46 5	
Chili	Gold	Peso.....	0 36 5	
China.....	Silver	Tael.. { Shanghai..	0 64 9	
			{ Haikwan..	0 72 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	
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 0	
Peru	Gold	Libra	4 86 6½	
Philippine Islde	Gold	Peso	0 50 0	
Portugal.....	Gold	Escudo	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	

U.S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU.

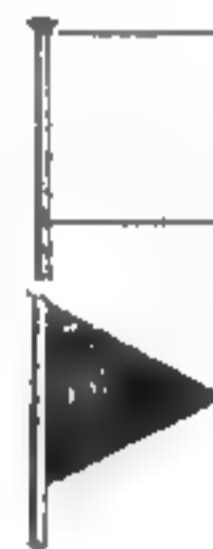
INTERPRETATION OF SIGNALS.

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
White Flag	Blue Flag	White and Blue Flag	Black Triangular Flag	White Flag Black Center
				
Clear or Fair.	Rain or Snow.	Local Rain or Snow.	Temperature.	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.

DISPLAY EXAMPLES.

Colder. Fair Weather.



Rain or Snow. Warmer.



Local Rain or Snow. Colder.



TO FIND THE 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.

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. Light face figures indicate A. M. time; heavy face P. M. time.

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

Standard Time Divisions as adopted by the Railroads.

EASTERN STANDARD—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

CENTRAL STANDARD—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

MOUNTAIN STANDARD—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

PACIFIC STANDARD—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard. 75° Longitude.		Central Standard. 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, Que.....	— 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.....	— 26	Omaha, Neb.....	— 24

Mountain Standard. 105° Longitude.		Pacific Standard. 120° Longitude.	
	Minutes.		Minutes.
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.		Mean Range. Feet.
	H.	M.	
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
New London, Conn.....	add	1 14	2.5
Norwich, Conn.....	"	1 55	3.1
New Haven, Conn.....	"	3 0	6.0
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
Cape May City, N. J.....	"	0 10	4.6
League Island, Pa.....	add	5 26	5.4
Philadelphia, Pa.....	"	5 56	5.3
Annapolis, Md.....	sub.	3 12	0.9
Baltimore, Md.....	"	1 20	1.2
Richmond, Va.....	"	3 32	3.7
Hatteras Inlet, N. C.....	"	0 53	2.0
Charleston (C. H. Wharf), S. C.....	"	0 15	5.2

CENTRAL STANDARD.			
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

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Jan. 31
Quinquagesima—Shrove Sunday	Feb. 14
Ash Wednesday	Feb. 17
First Sunday in Lent	Feb. 21
St. Patrick	Mar. 17
Palm Sunday	Mar. 28
Good Friday	April 2
Easter Sunday	April 4
Low Sunday	April 11
Rogation Sunday	May 9
Ascension Day—Holy Thursday	May 13
Pentecost—Whit Sunday	May 23
Trinity Sunday	May 30
Corpus Christi	June 3
St. John Baptist	June 24
Michaelmas Day	Sept. 29
First Sunday in Advent	Nov. 28
St. Andrew	Nov. 30
Christmas Day	Dec. 25

CHRONOLOGICAL CYCLES.

Dominical Letter	C
Epact	14
Lunar Cycle, or Golden Number	16
Solar Cycle	20
Roman Indiction	13
Julian Period	6628

THE SEASONS.

Eastern Standard.		Central Standard.	
Vernal Equinox	Mar. 21, 11h. M.	Mar. 21, 10h. M.	
Summer Solstice	June 22, 7h. M.	June 22, 6h. M.	
Autumnal Equinox	Sept. 23, 10h. A.	Sept. 23, 9h. A.	
Winter Solstice	Dec. 22, 5h. A.	Dec. 22, 4h. A.	
Mountain Standard.		Pacific Standard.	
Vernal Equinox	Mar. 21, 9h. M.	Mar. 21, 8h. M.	
Summer Solstice	June 22, 5h. M.	June 22, 4h. M.	
Autumnal Equinox	Sept. 23, 8h. A.	Sept. 23, 7h. A.	
Winter Solstice	Dec. 22, 3h. A.	Dec. 22, 2h. A.	

MORNING STARS.

MERCURY.—About March 20, July 18 and November 7.
 VENUS.—Until September 12.
 JUPITER.—February 24 to September 17.

EVENING STARS.

MERCURY.—About February 6, May 31 and September 27.
 VENUS.—September 12 to the end of the year.
 JUPITER.—Until February 24; September 17 to the end of the year.

ECLIPSES FOR THE YEAR.

In the year 1915 there will be two Eclipses, both of the Sun.

I. AN ANNULAR ECLIPSE OF THE SUN, February 14. Invisible to the United States. Visible to Australia, Madagascar, East Indies, Philippine Islands, Micronesia, Polynesia, and adjoining oceans; being annular along a line drawn just south of the Island of Madagascar across the Indian Ocean and the northwestern part of Australia, and terminating in the middle of the North Pacific Ocean.

II. AN ANNULAR ECLIPSE OF THE SUN, August 10-11. Invisible to the United States. Visible to the eastern portions of China and Siberia, Philippine Islands, Japan, Micronesia, Polynesia, Sandwich Islands, and the Pacific Ocean; being annular along a line drawn just south of Japan across the Pacific Ocean, between the Sandwich and Marquesas Islands, and terminating at a point in the South Pacific Ocean.

POPULATION OF CANADA

Provinces	1911	1901	Per ct. inc.
Alberta	374,663	73,022	413.1
British Columbia	392,480	178,657	119.7
Manitoba	455,614	255,211	78.5
New Brunswick	351,889	331,120	6.3
Nova Scotia	492,338	459,574	7.1
Ontario	2,523,274	2,182,947	15.6
Prince Edward Island	93,728	103,259	*9.2
Quebec	2,003,232	1,648,898	21.5
Saskatchewan	492,432	91,279	439.5
Yukon	8,512	27,219	*68.7
Northwest Territories	18,481	20,129	*8.2
TOTAL	7,206,643	5,371,315	34.2

POPULATION PRINCIPAL CANADIAN CITIES

	1911	1901	Per ct. inc.
Brantford, Ont.	23,132	16,619	39.2
Calgary, Albt.	43,704	4,392	989.4
Edmonton, Albt.	24,900	2,626	848.2
Hamilton, Ont.	81,969	52,634	55.7
Halifax, N. S.	46,619	40,832	14.2
Hull, Que.	18,222	18,993	30.2
Kingston, Ont.	18,874	17,961	5.1
London, Ont.	46,300	37,976	21.9
Maisonneuve	18,684		
Montreal, Que.	470,480	267,730	75.7
Ottawa, Ont.	87,062	59,928	45.3
Peterborough, Ont.	18,360	11,239	63.3
Quebec, Que.	78,710	68,840	14.3
Regina, Sask.	30,213	2,249	1,243.0
St. John, N. B.	42,511	40,711	4.4
Sydney, N. S.	17,723	9,009	78.8
Toronto, Ont.	376,538	208,040	81.0
Vancouver, B. C.	100,401	27,010	271.72
Victoria, B. C.	31,660	20,919	51.3
Winnipeg, Man.	136,035	42,340	220.8
Windsor, Ont.	17,829	12,153	46.7

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.

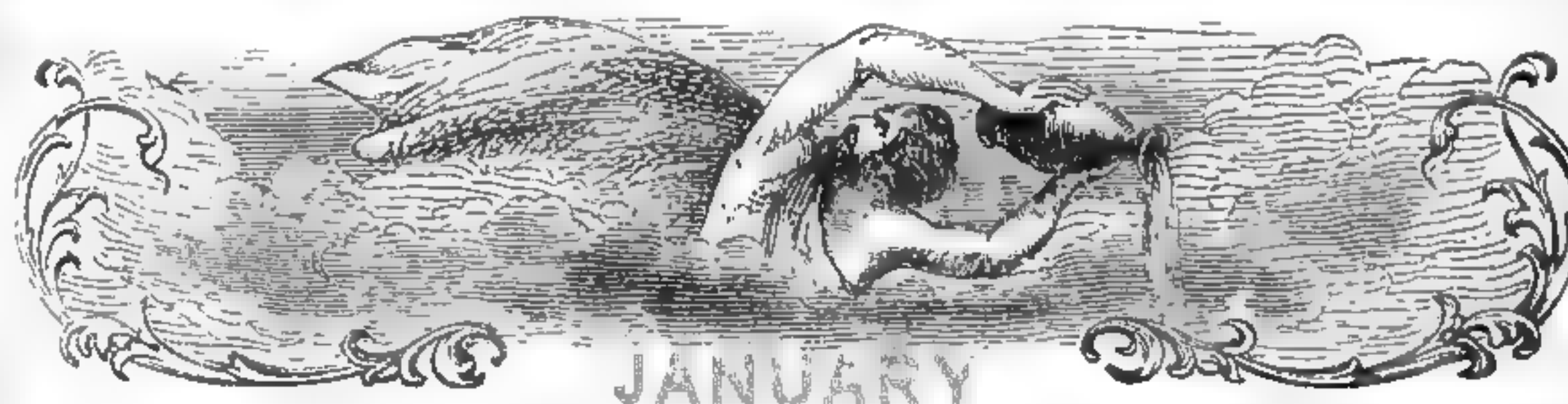
	Miles Long
Mediterranean.....	2,000
Carribbean.....	1,800
Red.....	1,400
Black.....	932
Baltic.....	600

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

SIZE OF THE GREAT LAKES.

	Miles Long.	Miles Wide.
Superior.....	380	120
Michigan.....	330	60
Ontario.....	170	40
Champlain.....	123	12
Erie.....	270	50
Huron.....	250	90
Winnipeg.....	240	40
Athabaska.....	200	20



MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.						
FULL MOON.....				1d.	7h.	20m.	A.M.	1d.				6h.	20m.	A.M.
LAST QUARTER.....				8d.	4h.	13m.	P.M.	8d.				3h.	13m.	P.M.
NEW MOON.....				15d.	9h.	42m.	A.M.	15d.				8h.	42m.	A.M.
FIRST QUARTER.....				23d.	0h.	32m.	A.M.	22d.				11h.	32m.	P.M.
FULL MOON.....				30d.	11h.	41m.	P.M.	30d.				10h.	41m.	P.M.
1915														
LATITUDE OF BOSTON AND CHICAGO.						LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.				
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Morn'g.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morn'g.	Local Mean Time.				
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			
1	FR.	r7 30	4 38	11 13		r7 24	4 44	8 7		r7 19	4 52			
2	SA.	s4 38	5 46	11 57		s4 43	5 51	8 55		s4 49	5 58			
3	S	r7 30	6 56	0 20		r7 25	7 0	9 40		r7 19	7 6			
4	MO.	s4 40	8 6	1 3		s4 45	8 9	10 20		s4 50	8 13			
5	TU.	r7 30	9 17	1 45		r7 25	9 19	11 0		r7 19	9 21			
6	WE.	s4 42	10 28	2 26		s4 47	10 28	11 44		s4 52	10 29			
7	TH.	r7 30	11 39	3 9		r7 25	11 38	0 7		r7 19	11 37			
8	FR.	s4 44	morn	3 56		s4 49	morn	0 55		s4 54	morn			
9	SA.	r7 29	0 54	4 50		r7 24	0 51	1 48		r7 19	0 48			
10	S	s4 46	2 11	5 50		s4 51	2 7	2 48		s4 56	2 2			
11	MO.	r7 29	3 29	6 56		r7 24	3 23	3 54		r7 19	3 18			
12	TU.	s4 48	4 46	8 7		s4 53	4 39	5 3		s4 58	4 33			
13	WE.	r7 28	5 58	9 14		r7 24	5 51	6 13		r7 18	5 43			
14	TH.	s4 50	6 57	10 17		s4 55	6 50	7 14		s5 0	6 43			
15	FR.	r7 27	sets	11 12		r7 23	sets	8 7		r7 18	sets			
16	SA.	s4 52	6 13	.....		s4 57	6 17	8 58		s5 2	6 22		
17	S	r7 27	7 26	0 23		r7 22	7 29	9 44		r7 17	7 32			
18	MO.	s4 55	8 35	1 7		s5 0	8 36	10 23		s5 5	8 39			
19	TU.	r7 25	9 40	1 46		r7 21	9 40	11 0		r7 16	9 41			
20	WE.	s4 57	10 44	2 25		s5 2	10 43	11 40		s5 7	10 42			
21	TH.	r7 24	11 47	3 4		r7 20	11 44	0 1		r7 15	11 43			
22	FR.	s5 0	morn	3 44		s5 4	morn	0 43		s5 9	morn			
23	SA.	r7 23	0 51	4 29		r7 19	0 47	1 28		r7 14	0 44			
24	S	s5 2	1 55	5 20		s5 7	1 50	2 18		s5 11	1 45			
25	MO.	r7 21	2 58	6 15		r7 17	2 52	3 13		r7 13	2 46			
26	TU.	s5 5	3 59	7 15		s5 9	3 52	4 12		s5 13	3 45			
27	WE.	r7 20	4 57	8 14		r7 16	4 50	5 11		r7 12	4 42			
28	TH.	s5 7	5 49	9 11		s5 11	5 42	6 9		s5 16	5 35			
29	FR.	r7 18	6 32	10 5		r7 14	6 26	7 3		r7 10	6 19			
30	SA.	s5 10	rises	10 52		s5 14	rises	7 47		s5 18	rises			
31	S	r7 16	5 52	11 36		r7 12	5 55	8 32		r7 8	6 0			

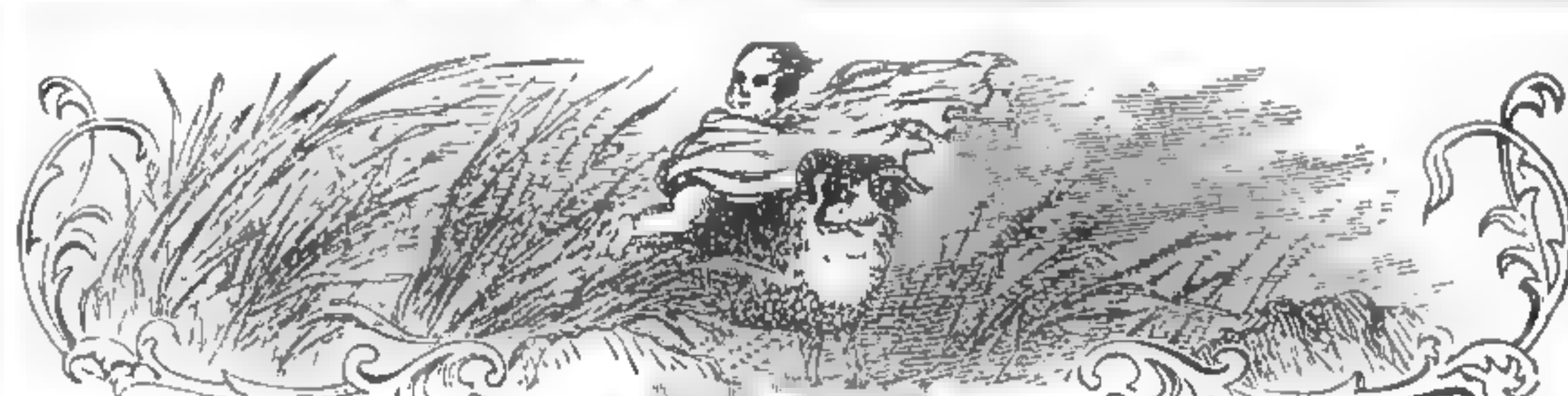


FEbruary

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	7d. oh. 11m. A.M.	6d. 11h. 11m. P.M.
NEW MOON.....	13d. 11h. 31m. P.M.	13d. 10h. 31m. P.M.
FIRST QUARTER.....	21d. 9h. 58m. P.M.	21d. 8h. 58m. P.M.

1915	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.				
	Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.		N. Y. Tide.		
D.of M.	Day of W'k.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.

1	Mo.	r7 15	7 5	.....	r7 11	7 7	9 16	r7 8	7 10				
2	Tu.	s5 14	8 17	0 38	s5 18	8 18	9 56	s5 22	8 19				
3	We.	r7 13	9 29	1 18	r7 10	9 28	10 34	r7 6	9 28				
4	Th.	s5 17	10 43	2 0	s5 20	10 41	11 15	s5 24	10 39				
5	Fr.	r7 11	11 59	2 43	r7 8	11 55	.....	r7 4	11 51				
6	Sa.	s5 19	morn	3 30	s5 23	morn	0 30	s5 26	morn				
7	S	r7 9	1 17	4 28	r7 6	1 12	1 26	r7 2	1 6				
8	Mo.	s5 22	2 34	5 33	s5 25	2 28	2 31	s5 28	2 21				
9	Tu.	r7 7	3 46	6 48	r7 3	3 39	3 45	r7 0	3 31				
10	We.	s5 25	4 48	8 2	s5 28	4 41	4 59	s5 30	4 34				
11	Th.	r7 4	5 37	9 8	r7 1	5 31	6 6	r6 58	5 24				
12	Fr.	s5 27	6 16	10 6	s5 30	6 11	7 3	s5 33	6 5				
13	Sa.	r7 1	sets	10 55	r6 58	sets	7 50	r6 56	sets				
14	S	s5 30	6 14	11 35	s5 32	6 16	8 31	s5 35	6 19				
15	Mo.	r6 59	7 23	.....	r6 56	7 24	9 12	r6 53	7 25				
16	Tu.	s5 32	8 28	0 33	s5 35	8 27	9 49	s5 37	8 28				
17	We.	r6 56	9 32	1 9	r6 53	9 30	10 24	r6 51	9 29				
18	Th.	s5 35	10 35	1 46	s5 37	10 32	10 59	s5 40	10 29				
19	Fr.	r6 53	11 40	2 23	r6 51	11 36	11 38	r6 48	11 31				
20	Sa.	s5 37	morn	3 3	s5 40	morn	0 0	s5 42	morn				
21	S	r6 50	0 45	3 47	r6 48	0 39	0 46	r6 46	0 34				
22	Mo.	s5 39	1 47	4 40	s5 42	1 41	1 39	s5 44	1 34				
23	Tu.	r6 47	2 45	5 39	r6 45	2 38	2 37	r6 43	2 31				
24	We.	s5 42	3 38	6 42	s5 45	3 31	3 39	s5 46	3 23				
25	Th.	r6 44	4 25	7 45	r6 42	4 18	4 42	r6 40	4 12				
26	Fr.	s5 45	5 4	8 44	s5 47	4 58	5 42	s5 49	4 52				
27	Sa.	r6 41	5 37	9 38	r6 39	5 32	6 36	r6 37	5 28				
28	S	s5 47	6 5	10 26	s5 49	6 2	7 22	s5 51	5 59				
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.....													
.....													



MArch

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON.....	1d. 1h. 33m. P.M.	1d. oh. 33m. P.M.
LAST QUARTER.....	8d. 7h. 28m. A.M.	8d. 6h. 28m. A.M.
NEW MOON.....	15d. 2h. 42m. P.M.	15d. 1h. 42m. P.M.
FIRST QUARTER.....	23d. 5h. 48m. P.M.	23d. 4h. 48m. P.M.
FULL MOON.....	31d. oh. 38m. A.M.	30d. 11h. 38m. P.M.

1915	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.				
	Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.		N. Y. Tide.		
D.of M.	Day of W'k.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.	SUN R.& S.	MOON R.& S.	Stand. Time.	Morning.

1	Mo.	r6 38	5 59	11 9	r6 36	6 0	8 3	r6 35	6 2				
2	Tu.	s5 50	7 13	11 49	s5 51	7 13	8 46	s5 53	7 13				
3	We.	r6 35	8 28	0 9	r6 33	8 26	9 28	r6 32	8 25				
4	Th.	s5 52	9 46	0 51	s5 53	9 43	10 10	s5 55	9 39				
5	Fr.	r6 32	11 6	1 36	r6 30	11 1	10 53	r6 29	10 56				
6	Sa.	s5 54	morn	2 23	s5 55	morn	11 45	s5 57	morn				
7	S	r6 28	0 24	3 16	r6 27	0 18	0 14	r6 26	0 12				
8	Mo.	s5 57	1 38	4 19	s5 58	1 31	1 18	s5 59	1 24				
9	Tu.	r6 25	2 42	5 30	r6 24	2 35	2 29	r6 23	2 27				
10	We.	s5 59	3 35	6 45	s6 0	3 29	3 42	s6 1	3 22				
11	Th.	r6 21	4 17	7 53	r6 21	4 11	4 50	r6 20	4 6				
12	Fr.	s6 1	4 50	8 52	s6 2	4 45	5 50	s6 3	4 41				
13	Sa.	r6 18	5 16	9 43	r6 17	5 13	6 41	r6 17	5 10				
14	S	s6 4	5 39	10 26	s6 4	5 37	7 22	s6 5	5 36				
15	Mo.	r6 15	sets	11 5	r6 14	sets	7 59	r6 14	sets				
16	Tu.	s6 6	7 18	11 41	s6 6	7 17	8 37	s6 7	7 16				
17	We.	r6 11	8 22	.....	r6 11	8 19	9 14	r6 11	8 18				
18	Th.	s6 9	9 26	0 33	s6 8	9 22	9 49	s6 9	9 18				
19	Fr.	r6 8	10 30	1 10	r6 8	10 25	10 26	r6 8	10 20				
20	Sa.	s6 11	11 34	1 49	s6 11	11 28	11 5	s6 11	11 22				
21	S	r6 4	morn	2 31	r6 4	morn	11 50	r6 4	morn				
22	Mo.	s6 13	0 34	3 17	s6 13	0 27	0 15	s6 13	0 20				
23	Tu.	r6 1	1 29	4 10	r6 1	1 22	1 9	r6 1	1 14				
24	We.	s6 15	2 18	5 9	s6 15	2 11	2 7	s6 15	2 4				
25	Th.	r5 57	2 59	6 11	r5 58	2 53	3 9	r5 58	2 47				
26	Fr.	s6 18	3 33	7 14	s6 17	3 28	4 11	s6 17	3 23				
27	Sa.	r5 54	4 2	8 12	r5 54	3 58	5 8	r5 55	3 54				
28	S	s6 20	4 28	9 4	s6 19	4 25	6 2	s6 19	4 24				
29	Mo.	r5 50	4 52	9 52	r5 51	4 51	6 50	r5 52	4 51				
30	Tu.	s6 22	5 14	10 38	s6 21	5 14	7 33	s6 20	5 16				
31	We.	r5 47	5 37	11 20	r5 48	5 39	8 14	r5 49	5 42				



APRIL

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	6d. 3h. 12m. P.M.	6d. 2h. 12m. P.M.
NEW MOON.....	14d. 6h. 36m. A.M.	14d. 5h. 36m. A.M.
FIRST QUARTER.....	22d. 10h. 39m. A.M.	22d. 9h. 39m. A.M.
FULL MOON.....	29d. 9h. 19m. A.M.	29d. 8h. 19m. A.M.

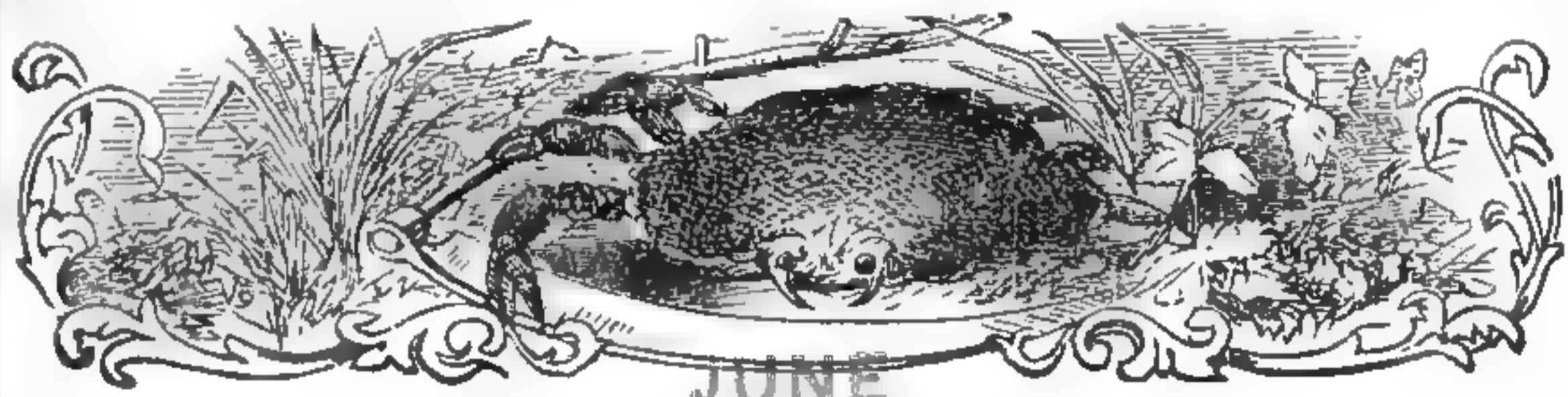
D.of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	TH.	r5 45	8 44	.....	r5 46	8 40	9 2	r5 47	8 36		
2	FR.	s6 25	10 6	0 28	s6 24	10 0	9 50	s6 23	9 55		
3	SA.	r5 41	11 24	1 17	r5 43	11 17	10 38	r5 44	11 11		
4	S	s6 27	morn	2 11	s6 26	morn	11 36	s6 25	morn		
5	MO.	r5 38	0 35	3 10	r5 39	0 28	0 8	r5 40	0 20		
6	TU.	s6 30	1 33	4 14	s6 28	1 26	1 13	s6 27	1 19		
7	WE.	r5 34	2 18	5 24	r5 36	2 12	2 22	r5 37	2 6		
8	TH.	s6 32	2 53	6 31	s6 31	2 48	3 28	s6 29	2 43		
9	FR.	r5 31	3 20	7 32	r5 33	3 17	4 28	r5 34	3 14		
10	SA.	s6 34	3 43	8 25	s6 33	3 41	5 21	s6 31	3 40		
11	S	r5 28	4 4	9 11	r5 29	4 3	6 9	r5 31	4 3		
12	MO.	s6 37	4 24	9 53	s6 35	4 24	6 50	s6 33	4 26		
13	TU.	r5 24	4 43	10 32	r5 26	4 45	7 28	r5 28	4 47		
14	WE.	s6 39	sets	11 8	s6 37	sets	8 2	s6 35	sets		
15	TH.	r5 21	8 18	11 43	r5 23	8 13	8 39	r5 25	8 9		
16	FR.	s6 41	9 22	0 1	s6 39	9 16	9 19	s6 37	9 10		
17	SA.	r5 18	10 23	0 41	r5 20	10 17	9 59	r5 22	10 10		
18	S	s6 43	11 21	1 22	s6 41	11 14	10 40	s6 39	11 7		
19	MO.	r5 15	morn	2 7	r5 17	morn	11 25	r5 19	11 58		
20	TU.	s6 45	0 12	2 53	s6 43	0 5	.....	s6 41	morn		
21	WE.	r5 12	0 56	3 44	r5 14	0 50	0 43	r5 17	0 43		
22	TH.	s6 48	1 32	4 40	s6 45	1 27	1 39	s6 43	1 21		
23	FR.	r5 8	2 2	5 38	r5 11	1 58	2 36	r5 14	1 53		
24	SA.	s6 50	2 28	6 36	s6 47	2 25	3 33	s6 45	2 22		
25	S	r5 5	2 52	7 33	r5 8	2 50	4 29	r5 11	2 49		
26	MO.	s6 52	3 14	8 27	s6 49	3 14	5 23	s6 47	3 14		
27	TU.	r5 2	3 37	9 16	r5 5	3 38	6 14	r5 9	3 40		
28	WE.	s6 54	4 2	10 6	s6 51	4 5	7 4	s6 48	4 8		
29	TH.	r5 0	rises	10 56	r5 3	rises	7 50	r5 6	rises		
30	FR.	s6 57	8 59	11 45	s6 53	8 53	8 42	s6 50	8 47		



MAY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	6d. 0h. 23m. A.M.	5d. 11h. 23m. P.M.
NEW MOON.....	13d. 10h. 31m. P.M.	13d. 9h. 31m. P.M.
FIRST QUARTER.....	21d. 11h. 50m. P.M.	21d. 10h. 50m. P.M.
FULL MOON.....	28d. 4h. 33m. P.M.	28d. 3h. 33m. P.M.

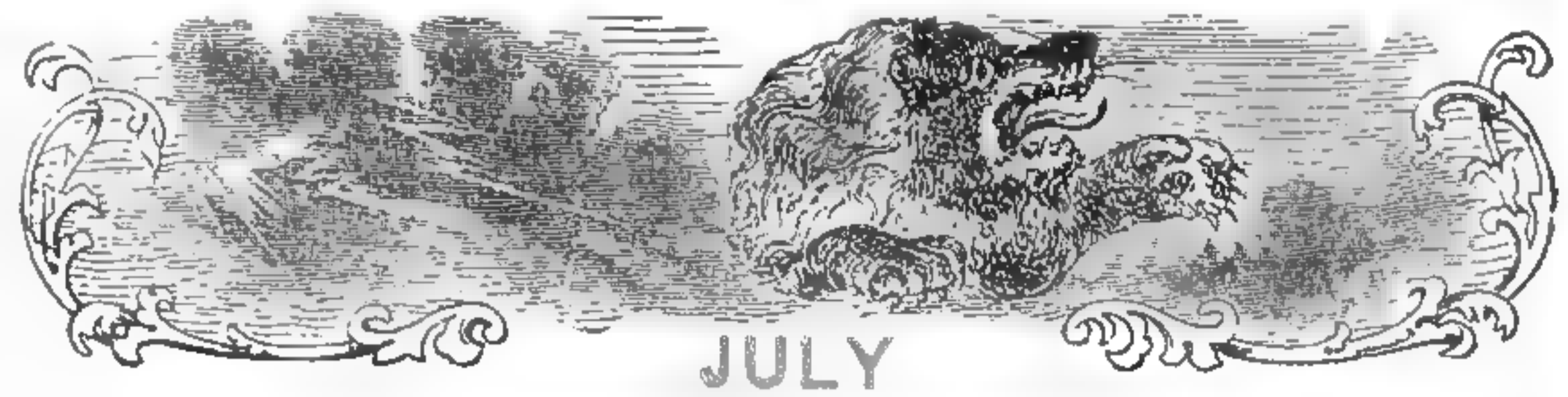
D.of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	SA.	r4 57	10 17	0 12	r5 0	10 10	9 37	r5 4	10 3		
2	S	s6 59	11 23	1 7	s6 55	11 16	10 31	s6 52	11 9		
3	MO.	r4 54	morn	2 4	r4 58	morn	11 29	r5 1	morn		
4	TU.	s7 1	0 13	3 3	s6 58	0 7	0 0	s6 54	0 1		
5	WE.	r4 51	0 52	4 3	r4 55	0 47	1 2	r4 59	0 42		
6	TH.	s7 3	1 23	5 3	s7 0	1 19	2 1	s6 56	1 16		
7	FR.	r4 49	1 48	6 1	r4 53	1 45	2 58	r4 57	1 44		
8	SA.	s7 6	2 9	6 55	s7 2	2 8	3 52	s6 58	2 7		
9	S	r4 46	2 29	7 45	r4 50	2 29	4 42	r4 55	2 30		
10	MO.	s7 8	2 49	8 31	s7 4	2 50	5 28	s7 0	2 52		
11	TU.	r4 44	3 9	9 14	r4 48	3 11	6 12	r4 53	3 15		
12	WE.	s7 10	3 31	9 56	s7 6	3 35	6 53	s7 1	3 39		
13	TH.	r4 42	3 55	10 37	r4 46	4 0	7 32	r4 51	4 6		
14	FR.	s7 12	sets	11 17	s7 8	sets	8 12	s7 3	sets		
15	SA.	r4 40	9 15	11 57	r4 44	9 8	8 55	r4 49	9 1		
16	S	s7 14	10 8	0 18	s7 10	10 1	9 39	s7 5	9 54		
17	MO.	r4 38	10 53	1 2	r4 42	10 47	10 21	r4 47	10 40		
18	TU.	s7 16	11 31	1 47	s7 12	11 25	11 5	s7 7	11 19		
19	WE.	r4 36	morn	2 33	r4 40	11 57	11 52	r4 45	11 52		
20	TH.	s7 18	0 2	3 19	s7 13	morn	0 17	s7 9	morn		
21	FR.	r4 34	0 29	4 8	r4 39	0 25	1 7	r4 43	0 22		
22	SA.	s7 20	0 53	4 59	s7 15	0 51	1 57	s7 10	0 49		
23	S	r4 32	1 15	5 53	r4 37	1 14	2 51	r4 42	1 14		
24	MO.	s7 22	1 36	6 50	s7 17	1 36	3 47	s7 12	1 38		
25	TU.	r4 30	2 0	7 46	r4 35	2 2	4 43	r4 40	2 5		
26	WE.	s7 24	2 27	8 43	s7 19	2 30	5 41	s7 14	2 35		
27	TH.	r4 29	2 59	9 41	r4 34	3 4	6 39	r4 39	3 9		
28	FR.	s7 26	rises	10 39	s7 21	rises	7 34	s7 15	rises		
29	SA.	r4 28	9 3	11 34	r4 33	8 56	8 29	r4 38	8 49		
30	S	s7 27	10 1	0 2	s7 22	9 55	9 29	s7 17	9 48		
31	MO.	r4 27	10 48	0 59	r4 32	10 43	10 24	r4 37	10 37		



JUNE

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	4d. 11h. 32m. A.M.	4d. 10h. 32m. A.M.
NEW MOON.....	12d. 1h. 57m. P.M.	12d. 0h. 57m. P.M.
FIRST QUARTER.....	20d. 9h. 24m. A.M.	20d. 8h. 24m. A.M.
FULL MOON.....	26d. 11h. 27m. P.M.	26d. 10h. 27m. P.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	TU.	r4 26	11 24	1 54	r4 32	11 20	11 15	r4 37	11 16		
2	WE.	s7 30	11 51	2 47	s7 24	11 48	.....	s7 19	11 46		
3	TH.	r4 25	morn	3 37	r4 30	morn	0 36	r4 36	morn		
4	FR.	s7 31	0 14	4 27	s7 26	0 12	1 26	s7 20	0 12		
5	SA.	r4 24	0 34	5 18	r4 30	0 34	2 17	r4 35	0 34		
6	S	s7 33	0 54	6 9	s7 27	0 55	3 7	s7 22	0 57		
7	MO.	r4 24	1 14	6 59	r4 29	1 16	3 56	r4 35	1 19		
8	TU.	s7 34	1 36	7 49	s7 28	1 39	4 45	s7 23	1 44		
9	WE.	r4 23	2 0	8 37	r4 29	2 4	5 34	r4 34	2 10		
10	TH.	s7 35	2 28	9 23	s7 30	2 33	6 22	s7 24	2 40		
11	FR.	r4 22	3 3	10 11	r4 28	3 9	7 8	r4 34	3 17		
12	SA.	s7 36	sets	10 57	s7 31	sets	7 50	s7 25	sets		
13	S	r4 22	8 51	11 38	r4 28	8 44	8 34	r4 34	8 37		
14	MO.	s7 37	9 31	0 0	s7 32	9 25	9 20	s7 26	9 19		
15	TU.	r4 22	10 4	0 44	r4 28	9 59	10 3	r4 34	9 54		
16	WE.	s7 38	10 32	1 26	s7 32	10 28	10 43	s7 27	10 25		
17	TH.	r4 22	10 57	2 10	r4 28	10 54	11 26	r4 34	10 53		
18	FR.	s7 39	11 19	2 51	s7 33	11 18	.....	s7 27	11 17		
19	SA.	r4 22	11 40	3 34	r4 28	11 40	0 32	r4 34	11 41		
20	S	s7 39	morn	4 22	s7 34	morn	1 21	s7 28	morn		
21	MO.	r4 23	0 2	5 14	r4 28	0 3	2 12	r4 34	0 6		
22	TU.	s7 40	0 27	6 11	s7 34	0 29	3 9	s7 28	0 33		
23	WE.	r4 23	0 55	7 14	r4 29	0 59	4 11	r4 35	1 4		
24	TH.	s7 40	1 30	8 20	s7 35	1 35	5 16	s7 29	1 42		
25	FR.	r4 24	2 16	9 25	r4 29	2 22	6 23	r4 35	2 30		
26	SA.	s7 40	rises	10 29	s7 35	rises	7 25	s7 29	rises		
27	S	r4 24	8 37	11 26	r4 30	8 31	8 20	r4 36	8 25		
28	MO.	s7 40	9 18	.....	s7 35	9 13	9 18	s7 29	9 8		
29	TU.	r4 25	9 49	0 46	r4 31	9 45	10 8	r4 36	9 42		
30	WE.	s7 40	10 15	1 35	s7 35	10 13	10 52	s7 29	10 12		



JULY

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	4d. 0h. 54m. A.M.	3d. 11h. 54m. P.M.
NEW MOON.....	12d. 4h. 31m. A.M.	12d. 3h. 31m. A.M.
FIRST QUARTER.....	19d. 4h. 9m. P.M.	19d. 3h. 9m. P.M.
FULL MOON.....	26d. 7h. 11m. A.M.	26d. 6h. 11m. A.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	TH.	r4 26	10 38	2 20	r4 32	10 37	11 37	r4 37	10 37		
2	FR.	s7 40	10 59	3 2	s7 35	10 59	.....	s7 29	11 1		
3	SA.	r4 27	11 18	3 46	r4 33	11 20	0 45	r4 38	11 22		
4	S	s7 40	11 39	4 32	s7 34	11 42	1 31	s7 29	11 46		
5	MO.	r4 28	morn	5 21	r4 34	morn	2 19	r4 39	morn		
6	TU.	s7 40	0 2	6 13	s7 34	0 6	3 10	s7 28	0 11		
7	WE.	r4 29	0 29	7 7	r4 35	0 34	4 4	r4 40	0 40		
8	TH.	s7 39	1 2	8 3	s7 33	1 8	4 59	s7 28	1 15		
9	FR.	r4 30	1 42	8 56	r4 37	1 49	5 54	r4 42	1 57		
10	SA.	s7 38	2 29	9 48	s7 33	2 36	6 45	s7 27	2 44		
11	S	r4 32	3 25	10 36	r4 38	3 32	7 32	r4 43	3 39		
12	MO.	s7 38	sets	11 20	s7 32	sets	8 15	s7 26	sets		
13	TU.	r4 33	8 37	.....	r4 39	8 33	9 0	r4 44	8 28		
14	WE.	s7 37	9 2	0 23	s7 31	8 59	9 41	s7 25	8 56		
15	TH.	r4 35	9 25	1 2	r4 40	9 23	10 19	r4 46	9 22		
16	FR.	s7 35	9 46	1 42	s7 30	9 46	10 56	s7 24	9 46		
17	SA.	r4 36	10 7	2 21	r4 42	10 8	11 37	r4 47	10 10		
18	S	s7 34	10 29	3 3	s7 29	10 31	0 0	s7 23	10 35		
19	MO.	r4 38	10 55	3 47	r4 43	10 59	0 46	r4 49	11 3		
20	TU.	s7 33	11 27	4 42	s7 27	11 32	1 41	s7 22	11 38		
21	WE.	r4 40	morn	5 45	r4 45	morn	2 43	r4 50	morn		
22	TH.	s7 31	0 8	6 56	s7 26	0 14	3 53	s7 21	0 21		
23	FR.	r4 42	0 59	8 8	r4 47	1 6	5 5	r4 52	1 14		
24	SA.	s7 29	2 2	9 18	s7 24	2 9	6 16	s7 19	2 17		
25	S	r4 44	3 18	10 21	r4 48	3 24	7 18	r4 53	3 31		
26	MO.	s7 28	rises	11 15	s7 22	rises	8 9	s7 18	rises		
27	TU.	r4 46	8 15	.....	r4 50	8 12	8 59	r4 55	8 10		
28	WE.	s7 26	8 39	0 23	s7 21	8 38	9 43	s7 16	8 37		
29	TH.	r4 48	9 1	1 5	r4 52	9 1	10 22	r4 57	9 2		
30	FR.	s7 24	9 21	1 46	s7 19	9 22	11 0	s7 14	9 24		
31	SA.	r4 50	9 42	2 26	r4 54	9 44	11 41	r4 59	9 48		



AUGUST

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	2d. 4h. 27m. P.M.	2d. 3h. 27m. P.M.
NEW MOON.....	10d. 5h. 52m. P.M.	10d. 4h. 52m. P.M.
FIRST QUARTER.....	17d. 9h. 17m. P.M.	17d. 8h. 17m. P.M.
FULL MOON.....	24d. 4h. 40m. P.M.	24d. 3h. 40m. P.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
		Local Mean Time.		Boston Tide. Stand. Time.	Morning	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning	Local Mean Time.		Sun R. & S.	Moon R. & S.
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.		
1	☽	r4 51	10 5	3 5	r4 55	10 9	0 2	r5 0	10 13				
2	Mo.	s7 20	10 30	3 48	s7 16	10 35	0 47	s7 11	10 41				
3	Tu.	r4 53	11 0	4 37	r4 57	11 6	1 35	r5 1	11 13				
4	We.	s7 17	11 38	5 32	s7 14	11 44	2 30	s7 9	11 52				
5	Th.	r4 55	morn	6 31	r4 59	morn	3 29	r5 3	morn				
6	Fr.	s7 15	0 23	7 32	s7 11	0 30	4 29	s7 7	0 38				
7	Sa.	r4 57	1 15	8 29	r5 1	1 22	5 27	r5 5	1 30				
8	☽	s7 12	2 15	9 23	s7 9	2 21	6 21	s7 5	2 29				
9	Mo.	r4 59	3 20	10 12	r5 3	3 25	7 9	r5 6	3 32				
10	Tu.	s7 10	sets	10 57	s7 6	sets	7 52	s7 2	sets				
11	We.	r5 1	7 30	11 36	r5 5	7 28	8 32	r5 8	7 27				
12	Th.	s7 7	7 51	.....	s7 4	7 50	9 13	s7 0	7 50				
13	Fr.	r5 3	8 13	0 34	r5 6	8 14	9 52	r5 10	8 15				
14	Sa.	s7 4	8 36	1 14	s7 1	8 38	10 29	s6 58	8 41				
15	☽	r5 5	9 0	1 53	r5 8	9 3	11 10	r5 12	9 7				
16	Mo.	s7 1	9 28	2 37	s6 58	9 33	11 57	s6 55	9 38				
17	Tu.	r5 7	10 5	3 26	r5 10	10 11	0 24	r5 14	10 18				
18	We.	s6 58	10 52	4 24	s6 55	10 59	1 23	s6 52	11 6				
19	Th.	r5 9	11 50	5 34	r5 12	11 57	2 32	r5 16	morn				
20	Fr.	s6 55	morn	6 50	s6 53	morn	3 47	s6 50	0 5				
21	Sa.	r5 12	0 59	8 4	r5 14	1 5	5 0	r5 17	1 13				
22	☽	s6 52	2 14	9 9	s6 50	2 20	6 7	s6 47	2 26				
23	Mo.	r5 14	3 32	10 6	r5 16	3 36	7 4	r5 19	3 42				
24	Tu.	s6 49	rises	10 54	s6 47	rises	7 49	s6 44	rises				
25	We.	r5 16	7 3	11 34	r5 18	7 2	8 30	r5 21	7 2				
26	Th.	s6 46	7 23	.....	s6 44	7 24	9 12	s6 41	7 25				
27	Fr.	r5 18	7 45	0 32	r5 20	7 47	9 49	r5 23	7 50				
28	Sa.	s6 43	8 7	1 10	s6 41	8 10	10 25	s6 39	8 14				
29	☽	r5 20	8 31	1 49	r5 22	8 35	11 3	r5 25	8 41				
30	Mo.	s6 40	9 0	2 29	s6 37	9 5	11 46	s6 35	9 12				
31	Tu.	r5 22	9 34	3 12	r5 24	9 40	0 10	r5 26	9 48				



SEPTEMBER

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	1d. 9h. 57m. A.M.	1d. 8h. 57m. A.M.
NEW MOON.....	9d. 5h. 53m. A.M.	9d. 4h. 53m. A.M.
FIRST QUARTER.....	16d. 2h. 21m. A.M.	16d. 1h. 21m. A.M.
FULL MOON.....	23d. 4h. 35m. A.M.	23d. 3h. 35m. A.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
		Local Mean Time.		Boston Tide. Stand. Time.	Morning	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning	Local Mean Time.		Sun R. & S.	Moon R. & S.
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.		
1	We.	r5 23	10 15	4 2	r5 25	10 22	1 1	r5 27	10 30				
2	Th.	s6 34	11 5	4 58	s6 32	11 12	1 56	s6 31	11 20				
3	Fr.	r5 25	morn	5 58	r5 27	morn	2 56	r5 29	morn				
4	Sa.	s6 31	0 2	7 1	s6 29	0 8	3 58	s6 27	0 16				
5	☽	r5 27	1 5	8 1	r5 29	1 11	4 57	r5 31	1 18				
6	Mo.	s6 28	2 12	8 55	s6 27	2 17	5 53	s6 24	2 22				
7	Tu.	r5 29	3 21	9 43	r5 31	3 24	6 42	r5 33	3 29				
8	We.	s6 24	4 30	10 27	s6 23	4 32	7 24	s6 21	4 35				
9	Th.	r5 32	sets	11 8	r5 33	sets	8 2	r5 34	sets				
10	Fr.	s6 21	6 40	11 46	s6 19	6 41	8 42	s6 18	6 44				
11	Sa.	r5 34	7 4	0 6	r5 35	7 7	9 25	r5 36	7 10				
12	☽	s6 17	7 32	0 47	s6 16	7 36	10 6	s6 15	7 41				
13	Mo.	r5 36	8 7	1 32	r5 37	8 12	10 51	r5 38	8 19				
14	Tu.	s6 14	8 50	2 21	s6 13	8 56	11 43	s6 12	9 4				
15	We.	r5 38	9 44	3 15	r5 39	9 51	0 13	r5 40	9 59				
16	Th.	s6 10	10 49	4 20	s6 9	10 56	1 19	s6 9	11 4				
17	Fr.	r5 40	morn	5 32	r5 41	morn	2 30	r5 42	morn				
18	Sa.	s6 7	0 1	6 46	s6 6	0 7	3 43	s6 6	0 14				
19	☽	r5 42	1 16	7 53	r5 43	1 21	4 50	r5 43	1 27				
20	Mo.	s6 3	2 31	8 51	s6 3	2 34	5 48	s6 2	2 39				
21	Tu.	r5 44	3 43	9 41	r5 45	3 45	6 39	r5 45	3 48				
22	We.	s6 0	4 52	10 25	s5 59	4 53	7 22	s5 59	4 54				
23	Th.	r5 47	rises	11 5	r5 47	rises	7 58	r5 47	rises				
24	Fr.	s5 56	6 10	11 41	s5 56	6 13	8 37	s5 56	6 16				
25	Sa.	r5 49	6 34	.....	r5 49	6 38	9 16	r5 49	6 43				
26	☽	s5 52	7 1	0 36	s5 53	7 6	9 54	s5 53	7 12				
27	Mo.	r5 51	7 33	1 16	r5 51	7 39	10 32	r5 51	7 46				
28	Tu.	s5 49	8 12	1 59	s5 49	8 18	11 15	s5 49	8 26				
29	We.	r5 53	8 58	2 44	r5 53	9 5	.....	r5 52	9 13				
30	Th.	s5 45	9 51	3 33	s5 46	9 58	0 31	s5 46	10 6				



OCTOBER

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	1d. 4h. 44m. A.M.	1d. 3h. 44m. A.M.
NEW MOON.....	8d. 4h. 42m. P.M.	8d. 3h. 42m. P.M.
FIRST QUARTER.....	15d. 8h. 51m. A.M.	15d. 7h. 51m. A.M.
FULL MOON.....	22d. 7h. 15m. P.M.	22d. 6h. 15m. P.M.
LAST QUARTER.....	30d. 11h. 40m. P.M.	30d. 10h. 40m. P.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
		Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.		Stand. Time.	Morning.
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.		
1	FR.	r5 55	10 51	4 27	r5 55	10 57	1 25	r5 54	11 4				
2	SA.	s5 42	11 55	5 25	s5 42	morn	2 23	s5 44	morn				
3	S	r5 57	morn	6 25	r5 57	0 0	3 22	r5 56	0 6				
4	MO.	s5 38	1 1	7 22	s5 39	1 5	4 19	s5 40	1 10				
5	TU.	r6 0	2 10	8 16	r5 59	2 13	5 13	r5 58	2 16				
6	WE.	s5 35	3 20	9 5	s5 36	3 21	6 3	s5 37	3 24				
7	TH.	r6 2	4 31	9 52	r6 1	4 31	6 50	r6 0	4 32				
8	FR.	s5 32	5 43	10 37	s5 33	5 42	7 32	s5 34	5 41				
9	SA.	r6 4	sets	11 19	r6 3	sets	8 14	r6 2	sets				
10	S	s5 28	6 6	.....	s5 29	6 11	9 1	s5 31	6 17			
11	MO.	r6 6	6 47	0 27	r6 5	6 53	9 50	r6 4	7 0				
12	TU.	s5 25	7 39	1 19	s5 26	7 46	10 42	s5 28	7 54				
13	WE.	r6 9	8 42	2 14	r6 7	8 49	11 38	r6 6	8 57				
14	TH.	s5 22	9 53	3 13	s5 23	9 59	0 11	s5 25	10 6				
15	FR.	r6 11	11 7	4 16	r6 10	11 12	1 15	r6 8	11 18				
16	SA.	s5 18	morn	5 23	s5 20	morn	2 21	s5 22	morn				
17	S	r6 13	0 21	6 29	r6 12	0 25	3 26	r6 10	0 30				
18	MO.	s5 15	1 33	7 28	s5 17	1 35	4 25	s5 19	1 39				
19	TU.	r6 16	2 42	8 21	r6 14	2 43	5 17	r6 12	2 45				
20	WE.	s5 12	3 50	9 7	s5 14	3 50	6 5	s5 16	3 51				
21	TH.	r6 18	4 56	9 50	r6 16	4 54	6 48	r6 14	4 54				
22	FR.	s5 9	6 1	10 33	s5 11	5 58	7 29	s5 14	5 56				
23	SA.	r6 21	rises	11 11	r6 18	rises	8 5	r6 16	rises				
24	S	s5 6	5 33	11 49	s5 9	5 38	8 46	s5 11	5 45				
25	MO.	r6 23	6 9	0 9	r6 20	6 15	9 28	r6 18	6 23				
26	TU.	s5 3	6 51	0 51	s5 6	6 58	10 10	s5 8	7 6				
27	WE.	r6 25	7 42	1 35	r6 23	7 49	10 51	r6 20	7 57				
28	TH.	s5 0	8 40	2 20	s5 4	8 46	11 39	s5 6	8 54				
29	FR.	r6 28	9 42	3 7	r6 25	9 47	0 4	r6 22	9 54				
30	SA.	s4 58	10 46	3 56	s5 0	10 50	0 55	s5 4	10 56				
31	S	r6 30	11 52	4 49	r6 27	11 55	1 47	r6 25	morn				



NOVEMBER

MOON'S PHASES. (In Standard Time).	EASTERN DIVISION.	CENTRAL DIVISION.
NEW MOON.....	7d. 2h. 52m. A.M.	7d. 1h. 52m. A.M.
FIRST QUARTER.....	13d. 6h. 3m. P.M.	13d. 5h. 3m. P.M.
FULL MOON.....	21d. 0h. 36m. P.M.	21d. 11h. 36m. A.M.
LAST QUARTER.....	29d. 5h. 10m. P.M.	29d. 4h. 10m. P.M.

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
		Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.		Stand. Time.	Morning.
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.		
1	MO.	r6 32	morn	5 43	r6 28	morn	2 41	r6 26	0 0				
2	TU.	s4 54	0 59	6 38	s4 57	1 1	3 35	s5 0	1 4				
3	WE.	r6 34	2 7	7 32	r6 31	2 8	4 28	r6 28	2 9				
4	TH.	s4 51	3 18	8 24	s4 55	3 17	5 21	s4 58	3 17				
5	FR.	r6 36	4 33	9 15	r6 33	4 30	6 13	r6 30	4 30				
6	SA.	s4 49	5 50	10 6	s4 52	5 46	7 3	s4 56	5 44				
7	S	r6 40	sets	10 57	r6 36	sets	7 52	r6 32	sets				
8	MO.	s4 47	5 27	11 48	s4 50	5 33	8 43	s4 54	5 41				
9	TU.	r6 42	6 28	0 15	r6 38	6 35	9 41	r6 35	6 43				
10	WE.	s4 44	7 39	1 12	s4 48	7 45	10 36	s4 52	7 53				
11	TH.	r6 44	8 55	2 10	r6 41	9 0	11 33	r6 37	9 7				
12	FR.	s4 42	10 11	3 5	s4 46	10 15	0 3	s4 50	10 20				
13	SA.	r6 46	11 25	4 3	r6 43	11 28	1 2	r6 39	11 32				
14	S	s4 40	morn	5 1	s4 44	morn	1 59	s4 48	morn				
15	MO.	r6 49	0 35	5 57	r6 45	0 36	2 55	r6 41	0 39				
16	TU.	s4 39	1 42	6 51	s4 43	1 42	3 48	s4 47	1 43				
17	WE.	r6 52	2 47	7 42	r6 48	2 46	4 38	r6 43	2 46				
18	TH.	s4 37	3 52	8 31	s4 41	3 50	5 28	s4 45	3 48				
19	FR.	r6 54	4 57	9 15	r6 50	4 53	6 13	r6 46	4 50				
20	SA.	s4 35	6 2	10 0	s4 40	5 57	6 58	s4 44	5 52				
21	S	r6 56	rises	10 44	r6 52	rises	7 39	r6 48	rises				
22	MO.	s4 34	4 50	11 25	s4 38	4 56	8 20	s4 43	5 4				
23	TU.	r6 59	5 38	.....	r6 55	5 45	9 6	r6 50	5 53			
24	WE.	s4 33	6 33	0 30	s4 37	6 39	9 50	s4 42	6 47				
25	TH.	r7 1	7 33	1 14	r6 57	7 39	10 31	r6 52	7 46				
26	FR.	s4 31	8 36	1 57	s4 37	8 41	11 13	s4 41	8 47				
27	SA.	r7 4	9 40	2 40	r6 59	9 43	11 59	r6 54	9 48				
28	S	s4 31	10 44	3 24	s4 36	10 46	0 22	s4 40	10 50				
29	MO.	r7 6	11 50	4 9	r7 1	11 51	1 8	r6 56	11 53				
30	TU.	s4 30	morn	4 59	s4 35	morn	1 57	s4 39	morn				



DECEMBER

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.				
NEW MOON	6d.	1h.	4m.	P.M.	6d.	0h.	4m.	P.M.	13d.	5h.	38m.	A.M.
FIRST QUARTER	13d.	6h.	38m.	A.M.	13d.	5h.	38m.	A.M.	21d.	6h.	52m.	P.M.
FULL MOON	21d.	7h.	52m.	A.M.	21d.	6h.	52m.	P.M.	29d.	6h.	59m.	P.M.
LAST QUARTER	29d.	7h.	59m.	A.M.	29d.	6h.	59m.	P.M.				

D. of M.	Day of W'k.	LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
		Local Mean Time.		Boston Tide. Stand. Time.	Morning	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning	Local Mean Time.	
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.
1	WE.	r7 8	0 58	5 51	r7 3	0 58	2 49	r6 58	0 59		
2	TH.	s4 29	2 8	6 46	s4 34	2 6	3 43	s4 39	2 6		
3	FR.	r7 10	3 22	7 44	r7 5	3 19	4 40	r6 59	3 17		
4	SA.	s4 28	4 40	8 42	s4 33	4 35	5 39	s4 38	4 31		
5	S	r7 13	6 0	9 41	r7 7	5 54	6 40	r7 1	5 49		
6	MO.	s4 28	sets	10 42	s4 33	sets	7 36	s4 38	sets		
7	TU.	r7 15	5 14	11 39	r7 9	5 21	8 34	r7 3	5 28		
8	WE.	s4 28	6 32	0 6	s4 33	6 38	9 34	s4 38	6 45		
9	TH.	r7 17	7 52	1 3	r7 11	7 57	10 26	r7 5	8 2		
10	FR.	s4 28	9 10	1 57	s4 33	9 13	11 17	s4 38	9 18		
11	SA.	r7 18	10 23	2 46	r7 13	10 25	.....	r7 7	10 28	
12	S	s4 28	11 32	3 35	s4 33	11 33	0 34	s4 38	11 34		
13	MO.	r7 20	morn	4 25	r7 15	morn	1 24	r7 8	morn		
14	TU.	s4 28	0 39	5 16	s4 33	0 38	2 14	s4 39	0 38		
15	WE.	r7 22	1 45	6 8	r7 16	1 43	3 6	r7 10	1 42		
16	TH.	s4 29	2 50	7 0	s4 34	2 47	3 57	s4 39	2 44		
17	FR.	r7 23	3 54	7 52	r7 18	3 50	4 49	r7 11	3 45		
18	SA.	s4 29	4 57	8 43	s4 34	4 52	5 41	s4 40	4 46		
19	S	r7 25	5 58	9 33	r7 19	5 52	6 31	r7 13	5 45		
20	MO.	s4 30	6 56	10 21	s4 35	6 49	7 18	s4 41	6 42		
21	TU.	r7 26	rises	11 7	r7 20	rises	8 0	r7 15	rises		
22	WE.	s4 31	5 26	11 49	s4 36	5 32	8 46	s4 42	5 39		
23	TH.	r7 27	6 28	0 10	r7 21	6 33	9 29	r7 16	6 39		
24	FR.	s4 32	7 31	0 51	s4 37	7 35	10 8	s4 43	7 40		
25	SA.	r7 27	8 36	1 31	r7 22	8 39	10 45	r7 17	8 43		
26	S	s4 33	9 41	2 11	s4 38	9 43	11 25	s4 44	9 45		
27	MO.	r7 28	10 46	2 50	r7 23	10 47	.....	r7 17	10 48	
28	TU.	s4 34	11 53	3 31	s4 40	11 52	0 29	s4 45	11 52		
29	WE.	r7 29	morn	4 16	r7 24	morn	1 15	r7 18	morn		
30	TH.	s4 36	1 2	5 8	s4 41	1 0	2 7	s4 46	0 58		
31	FR.	r7 29	2 15	6 8	r7 24	2 11	3 5	r7 19	2 8		

Cambridge-Boston

2

Ther

Friday, Jan. 1, 1915

Wea
Dull

Light cloudy with large, feathery snow-flakes falling ceaselessly yet so sparingly that one could see afar off through their whirling flurries and the snow had "made" scarce more than an inch by sunset when it ceased. There was little wind. Air mild but raw.

In the Garden noted no birds, save a few Sparrows, before night fall when Percy called me out to see a Screech Owl perched on a low, drooping branch of an big catalpa directly over the walk leading past the Museum. I walked under the bird and could almost reach it with my hand before it first bobbed its head & then flew away. It was in gray plumage.

Devoted most of day to letter writing. Also revised a few type-copied sheets of M. & W. Went in town at 7.30. To hear Thayer's talk on Granada & Trinidad. It was most interesting & also very humorous. Came out with Fernald.

Cambridge

Ther Saturday, Jan. 2, 1915 Wea
Dull

Cloudy and chilly with snow
flurries every now & then.

In the Garden: heard Blue jays &
saw a few House Sparrows.

Worked all day on Banded Woodpecker
story, compiling from matter published
in the "Osprey". Although this should
have been an easy task I made
wretched progress at it and
indeed wrote no more than
a page or two in the course of
five or six hours, being in the
"doldrums" again, as badly as
ever it is to be feared. "Ting Ting",
the terrier, lay beside me on
the couch most of the time.
The poor little chap has little
opportunities for congenial recreation
these short winter days but is
cheerful & contented nevertheless.

We had Victrola music & reading
from Marian Crawford in hall this eve.

Cambridge

Ther Sunday, Jan. 3, 1915 Wea
Fine

Clear & seasonably cold with dry,
frosty air and light northerly wind.
Excellent sleighing but few sleight out
to take advantage of it.

In Garden: a solitary Chickadee (not
noted before since Dec. 4), several
House Sparrows, a Jay (heard), a Downy
(seen on wing), 2 Crows (perched in juniper)

To St. John at 10:30. Dr. Hodges
preached one of his most admirable
sermons. C. remained for Communion
& I walked home alone. Walked
down with Mr. & Mrs. Carruth.

We had Miss Allyn and George & Mary
Dean as guests at dinner. I played
the Victrola for them afterward for
more than an hour. Wrote letters
& revised M.S. 9.15-10.15 A.M.,
12:20-1:20 & 4-5:30 P.M.

Batchy called at 5:40 with draft of
Memorial he had written to lead of
Delaware Valley Or. Club 25th Ann. Meeting
on the 7th I suggested several slight changes

Cambridge.

Ther
10°

Monday, Jan. 4, 1915

Wea
Fine

Clear and cold with little or no wind.

In Garden: a few House Sparrows. Walter Deane saw a Starling this morning perched in a elm in front of Joseph Harper's place, Brattle Street. A woman who was looking at it through an opera glass knew what it was and said she had seen two or three others like it in Longfellow Park, of late.

Spent forenoon in Museum working on Banded-backed Woodpecker story & finishing it or nearly so. C. type copied all I had written since Thursday.

Miss . . . of Concord called by appointment at 2 P.M. to protest against recent suspension by Sargent of her niece a pupil in Brewster Academy. I wrote him about it after she left. Baller came at 7.45 to show me Memorial - very well done. Nuttall Club meeting 8-11. Lyman Underwood gave a talk on Yellowston Park illustrated by the most beautiful slides I have ever seen. It was otherwise most interesting.

Cambridge.

Ther

Tuesday, Jan. 5, 1915

Wea
Fine

Clear and somewhat less cold than yesterday with scarce any wind. The snow showed no signs of melting anywhere, even at high noon. It still remains attractively pure & spotless within our grounds and also on Brattle Street as far up and down as our eyes can see from the house.

A ♀ Flicker in elm over driveway, curtsying & calling, as I was dressing about 8 a.m. Several House Sparrows flitting hither & thither amid our shrubbery later in the day.

Got to work at my writing about 10.30 a.m. After adding a brief closing paragraph to Horn-toad Woodpecker story I laid it aside as finished and began on the Sapsucker article composing something over 2 ft. of introductory matter before 6.30 P.M. Gilbert went in town for fresh Victoria music. We tried upwards of a dozen new records this evening & rejected only four. Found at least 2 real gems among them.

Cambridge.

Ther Wednesday, Jan. 6, 1915 Wea
40° 60° Fair

Partly sunny, partly overcast, with clouds gathering more densely & temperature rising steadily as the day advanced. By noon the streets were deep in slush and before night most of the snow had disappeared but the underlying coating of ice remained unmelting.

Heard a Flicker, a Downy & one or two Jays, in the Garden. Gray Squirrels out again in some numbers. "Jim" kept treeing and scolding at them whenever he was permitted to see through the jungle where they mostly were.

Spent day in Museum working on Sapsucker story. Rewrote the matter completed yesterday and added somewhat to it. It started with enough but somehow could not be kept going. Agents of Manhattan Market called. I subscribed for 100 more shares of Preferred 7% stock at par - \$10. Victoria music 7.30-9. Reading Club. Boxing Feller lunch with me. G. 16. in morning

Cambridge

Ther Thursday, Jan. 7, 1915 Wea
40° 60° Fine

Rain fell last night to a depth of 2/3 of an inch, according to the newspapers. I did not wholly cease until 8 A.M. when the clouds broke away. Day sunny, calm and very warm for mid-winter. Snow & ice almost wholly gone by night, exposing lawns still rather green.

In Garden: Two Jays screaming & two Flickers calling (9 A.M.). One of latter in Parkman's apple tree (loaded with fruit). Downy Woodpecker heard. Gray Squirrels out in force; saw one in top of hawthorn eating haws. I doubt if Squirrels care for them before they have been softened by freezing & thawing.

Spent day in Museum working on Sapsucker story. Had but four pages for C. a copy in forenoon & wrote only two more after words. It does not interest me much and never is doubtly deferred. Victoria music followed by reading this eve. 5-foot record brought out by Gilbert, all pleasing and

Cambridge

Ther

Friday, Jan. 8, 1915

Wea
Fine

Clear and enough colder to freeze up all the mud & slush yet not sufficiently so to be uncomfortable.

In Garden: Heard a Flicker & a Downy; saw a Jay & many House Sparrows; also 2 Crows.

Our house bulbs were planted very late this year and hence are far behind their usual times of blooming. As yet we have had only paper whites & Roman hyacinths. They began a day or two after Christmas and are still very attractive.

Spent day in Museum working on Sapsucker Story. Finished over the two pp. completed yesterday, revising and rewriting them, without adding much new matter. Yet I kept at it ceaselessly from 10.30 a.m. to 6 P.M. with only an hour out for lunch. We all dined with the Cott. Family at 6.30 & spent the evening there.

Cambridge

Ther

Saturday, Jan. 9, 1915

Wea
Fine

Death of Carry Hayes.

Brilliantly clear with almost no wind & air dry & frosty but not especially cold. Altogether a delightful winter day.

In Garden: A Chickadee (heard), B. Jays together in jungle, Flicker in Parkman apple, Downy (heard), House Sparrows as usual.

News reached us at breakfast time of my old friend Carry Hayes's death, last evening, of apoplexy. I sent a note of sympathy to her brother, Will, early in the forenoon. Worked from 11 a.m. to 1 P.M. on Sapsucker story rewriting a page (for third time) & adding a little fresh matter. It drags woefully and the end is not yet in sight yet I love the work as much as ever.

Fixed Herbarium caps by appointment shortly after 2 P.M. & stayed about 2 hours. He brought M.S. he had written on food plants that attract birds. Walter also came to know to read. He criticized it a little, here & there. Alice & Harry Bonnell dined on at 8.20. I played Victrola music for them.

Cambridge.

Ther
20°

Sunday, Jan. 10, 1915

Wea
Fine

Brilliantly clear and colder, with calm, dry air and everything frozen stiff again. Thus far the winter has been uncommonly windless - and hence enjoyable out of doors.

In Garden: saw a Flicker & heard a Jay. Only a few Sparrows.

To St. John's at usual time. Excellent sermon on Baptism by Dr. Hodges. Walked down with Loring Fuller. C. & I returned with her. After that wrote letters in Museum until 1.20. We had at dinner, besides Alice Allen, Miss Mary Bishop, Miss Mary Allen and little Emily Hayward. As they are all Victrola lovers I played many records for them after dinner not ceasing until 4.15. After that wrote more letters. As friend, Will Hayward arrived at 4.45 to supper with us & spent evening. He, too, desired Victrola music and heard many records.

Cambridge - Boston.

Ther
12°

Monday, Jan. 11, 1915

Wea
Dull

A clear sunrise, with everything there coated with white hoar frost which somehow disappeared not long afterwards without apparently melting. Most of day cloudy & intensely chilly, threatening snow.

In Garden: Jay & Flicker (♂). Several H. Sparrows.

Cable message from Geo. Jefferson to inform us that Bessy had a slight shock of apoplexy on Thursday last. C. received & read it about 9.30 and yet almost immediately afterwards came out to Museum and put in forenoon there type copying Septuagint story. I meanwhile added about 2 pp. to it, thus doing a little better than usual. Immediately after luncheon I started in town to see the Halcyons at our office. Spent upwards of an hour with them. They started south by Federal Ex. at 5. I went from office to Victor & Columbia store for more records. Home by 6 to learn that Simon would supper with us. He arrived at 6.15. At 8 we returned to Harvard Union where he talked for an hour about Indians to a well-bounded audience of about 45-50 students. It was exceedingly well done & thorough.

C. attended to but I could not because of the Halcyons. C. returned at 3 P.M. Funeral of Carry Hayes at 3 P.M.

Cambridge.

Ther Tuesday, Jan. 12, 1915 Wea
Stormy

Raining very heavily all day long
and well into following night. Pools &
swirls everywhere, city gutters running
brimful or over. Altogether the biggest
rainfall for many a week.

In Garden: No birds seen or heard.

Spent entire day in Museum working
on Sapsucker story. Revised type-copied
pp. in A.M. Completed something over
a page of fresh matter in P.M.
So it drags - or is dragged - along
at snail's pace and not good for
much, anyway, I fear me.

Sally Dearborn lunched with us
and I played Victrola music to
her afternoon. Some new records
came by last mail delivery & we
tried them this evening. Shall keep 4
& return same number. Two of former
by Gull & Home, very good - all
one by Humble.

Cambridge.

Ther Wednesday, Jan. 13, 1915 Wea
Stormy

Ground again covered with snow,
to depth of 4 or 5 inches. It came
mostly after daybreak this morning,
as a wind-up of the terrific north-
east storm that raged all last night,
reaching its maximum of wind force
& water precipitation about midnight
when I was awoken by the howling
of the gale about our house. The papers
report wind blowing 70 miles an hour
along the Mass. coast and rainfall of
more than 2 inches within past 24
hours in and about Boston.
Altogether the heaviest coastwise storm,
they say, for many a year.

In Garden: a Jay & a Flicker heard.

Worked with Sapsucker story all day
long but advanced it less than
a single page. The added matter
reads dreadfully enough.
I about brought out a hot new Victor
record. We played about a dozen this
evening & found several acceptable.

Cambridge - Boston

Ther Thursday, Jan. 14, 1915 Wea
Fair

Thin cloudy with mild but chilly
air & little or no wind.

Noticed no birds about the place.

In A.M. worked on Sapsucker
story revising the pages before,
as well as after, C. type-copied
them. Added only a single m.s.
page of freshly-composed matter.

To Harvard Square at 2 P.M.
Had hair cut at Marks & tried on
new gray suit at Coöperatives.
Took 2 Curtis (Indian) photographs to
Harlow's to be framed. Then to
Boston, reaching our office about 4.
Stayed there until 5.30 dictating
three letters, one to Sargent, another
to Miss Pride, the third to Mr. Thibault.
Home by 6. Miss Bishop & Miss Emily
Howard dined with us at 6.30. The
former went to Symphony Concert with
C. The latter spent evening listening to
Victrola. I tried many record records.

Cambridge.

Ther Friday, Jan. 15, 1915 Wea
Dull.

Darkly lowering clouds and mist-like
rain combined to make the day
a gloomy and depressing one. The
temperature must have been moderately
high for the snow covered foot &
was nearly all gone by night.

In Garden: a Jay & a Titlark heard.
Noticed no House Sparrows although some
must have been about.

Spent a rather profitable day on my
desk in Museum working with
Sapsucker story. The final revision
of sheets already type-written occupied
the entire forenoon. Soon after luncheon
I began to work about the Pileated
Woodpecker thinking that I had in
mind a promising opening for the
article. It did not materialize,
however, and the whole afternoon
went for naught because the writer,
Miss Mary Handley Lynch, with us
had gone to South Victoria house, with
C. & B.S. away on their day trip.

Cambridge

Ther Saturday, Jan. 16, 1915 Wea
Fair

Windless, mild and overcast with more or less pale sunshine. Slighting at an end again & very little snow left anywhere.

In Garden: ♀ Flicker eating Parkmann apples. Probably a few House Sparrows also although I do not recall any.

Hearing last night that Edith Dana was seriously ill I called at the house shortly after breakfast this morning, seeing only young Dick who said that his mother had had a reasonably good night and was better, they thought. Dean Hodges came when I was there. Met Harry Spelman at entrance gate. He pointed out a Starling in elm.

Spent day working on Boy Cuckoo story. Wrote almost 2 pp.
"Tiny Tim" was rolled in the mud by a bigger dog while out walking with Alpha. Perry washed him. He shows no wound. Victrola played from 8-9.30 P.M.

Cambridge.

Ther Sunday, Jan. 17, 1915 Wea
Dull

Dark cloudy with light rain falling in afternoon & evening. Chilly, with E. wind.

In Garden: 2 Jays flitting through trees in jungle; 8 or 10 House Sparrows in lilacs; Downy heard.

Immediately after breakfast I walked down to the Danas' where I saw Dick and his daughter Frances. Mrs. Dana had passed a comfortable night & was decidedly better. I saw 2 Starlings in the elm in front of the Thorpes & pointed them out to Dick. One of them was singing softly at times.

Having many letters to write I did not go to church but returned to museum & dealt with some of the more important ones before dinner. We had as guests besides Miss Allyn - Mr. Bennett & Joe & Mrs. Russell. All remained until 4 P.M. when the Russells & Miss Allyn left. After that I played the Victrola for Mrs. D. We had more of the music this evening.

Cambridge.

Ther Monday, Jan. 18, 1915 Wea

Black Ducks feeding on hillside. Stormy

Dark cloudy with persistent rain rather heavy at times. Early morning densely foggy. Mild; Easterly wind.

To the Danas' at 9 a.m. Said only a maid who reported further information in Mrs. Dana's condition. A Starling in the Thorpe elm, Brattle Street gutters running brimfull. Snow about all gone.

Spent day in Museum working on Boy Cove story. Composed about two pages of fresh matter. C. type copied these & every thing else in forenoon. I cannot now supply enough m.s. to keep him busy twice a week from 9.30 to 1 each day.

Natural Club meeting this evening. Peters talked about trip in Arizona.

Charles Lamb reported seeing 21 Black

Ducks yesterday on wooded hillside, W. side Brookline Road, Fenwick Pond. He walked there feeding on ground under walls & felt sure they were eating acorns

Cambridge.

Ther Tuesday, Jan. 19, 1915 Wea

56° James C. Melvin's death. Dull

Cloudy; very warm; fresh southerly wind. Snow & ice wholly gone. Lawn grass decidedly if only faintly green.

In Garden: Jay & Downy heard, several H. Sparrows Starling singing softly in elm front of Thorpe's.

To the Danas' at 9 a.m. Mrs. Dana steadily improving, the maid said. Returning to Museum read war news & had begun to write when C. came out to tell me that Jim Melvin was dead. She had just heard of it by telephone from Frank Baker who, a few moments later in the same way, told me this: - It happened at Copley Square Hotel about 7 o' clock this morning as Mrs. M. was dressing. Hearing the sound of a heavy fall she rushed into the bed chamber to find Jim full length on floor by side of bed in which she had left him asleep & seemingly quite well only a few minutes before. He had slept through most of night. Baker was with him last evening & seems known in better seeming health & spirits. I saw him last just before Christmas. He died of heart failure. C. & I offered to go in after lunch but Baker said Mrs. M. could not do so. I wrote to Dan, Ruth D., Charles Corbin & H. very about. Also worked on Boy Cove story at odd times.

Cambridge - Boston

Ther
18°

Friday, Jan. 22, 1915

Wea
Fine

Clear & cold with light westerly wind. Ground hard frozen. River open.

In Garden: A Jay & several Sparrows.

Met H. E. Sargent in our Boston office at 10.40, by appointment. We had a satisfactory talk about the school. He had come down to look for a teacher to replace Miss Eaton. Two candidates appeared about 11.

One German born (in Berlin) but now an American citizen impressed us both very favorably & Sargent finally engaged him to teach English & German. Much as I am now prejudiced against all Germans I liked this one and believe he will turn out well.

Answered a letter from Jay Colburn making enquiry about my 1914 income tax. Dined at Marston. Left office for home at 3.30. Stopped on Stearns to return a book & took out several more which he played this evening. Only one (a calf) found good

Cambridge

Ther

Saturday, Jan. 23, 1915

Wea
Stormy

Snowing fast at 8 a.m., when about an inch had fallen. It turned to rain soon after this, freezing as it struck and making very slippery walking. But as the day wore on never ceasing rain and somewhat higher temperatures combined to banish ice as well as snow.

In Garden: a Blue Jay screaming.

Worked all day on bogcock story composing rather more than a page of fresh matter. Little Jim close by me on the couch all the forenoon, keeping as still as a mouse. He rarely does anything to disturb me during my customary working hours but seems to know almost to the minute when they should end and after that will give me no peace until I start south from for the home. We had a little Beethoven music this evening.

Cambridge.

Ther Sunday, Jan. 24, 1915 Wea
Fair

Light cloudy and intensely chilly
with easterly wind.

In Garden: heard a Jay, a Flicker
and a Downy; several House Sparrows
seen.

A ♂ Starling in elm over Brattle St.
in front of the Thorpes', whistling
softly.

Wrote letters before & after attending
church with C. at St. John's where we
listened to fine sermon by Dr. Hodges.
At dinner we had no guest other
than Miss Allyn. She departed about
3 P.M., Dick Dana came at 3.15
staying half an hour. Kennard
came by appointment at 3.45
to consult me further concerning
his list of food plants for Baynes's
book. We talked it over until
shortly after 5 when he left.

C. went to First Parish church at 7.30
E. R. S. read Crawford's "Prima Donna"
to me (8.30-9.30). It is a really
good story.

Cambridge.

Ther Monday, Jan. 25, 1915 Wea
Dull. Death of Mrs. Edward Wyman.

Sky obscured by dark gray clouds.
Air mild but damp & chilly. Altogether
a rather dreary sort of winter day.

In Garden: a Crow cawing and a
Jay screaming. House Sparrows to the
number of six or eight flitting about.

Spent day in Museum engaged
in the customary task. Advanced
the Bog Cork story by some three
or four pages but all this matter
was complicated from my Umbagog
note books and some of it
comparatively little changed.

E. R. S. started for Springfield by
an afternoon train. C. & I supped
together in her morning room.
She was called to the telephone about
7 P.M. to be told that Mrs. Edward Wyman
had died some five minutes before. I
saw her case on Thanksgiving day when
she dined here. Arthur Robbins called
this evening to ask me to write
something for the Transcript about Jim
Melvin. I had to decline.

Cambridge.

Ther

Tuesday, Jan. 26, 1915

Wea
Fair

Morning sunny, calm & beautiful with crisp, frosty air. Sky overcast by noon. Afternoon thin-cloudy with chill easterly wind.

In Garden: I saw a Jay, a Downy and 2 Flickers. All these appeared about 9 a.m. The Flickers, both ♂♂, were together in Parlmann apple tree feasting on its abundant fruit. A few House Sparrows flitting about all day. Gray Squirrels much in evidence of late. I rarely took one without seeing at least one or two or four or sometimes in sight at once. Their brief season of partial hibernation is evidently ended but that of amorous pursuit not as yet apparently begun.

Worked all day on Log Cocks story. Compiling about 4 pp. from original notes & practically rewriting most of the matter. C. & I kept each other company at every meal. In the evening she read the war news to me and I played the Victrola for her - up to 10 P.M.

Cambridge - Boston.

Ther

Wednesday, Jan. 27, 1915

Wea
Dull

Dark cloudy with snow flakes falling sparingly & fitfully, melting as they struck for it was mild, if chilly.

In Garden: a Jay or two and at least one Flicker. Hordes of House Sparrow - certainly fifteen or twenty.

Working all day at Log Cocks story. Added almost 5 pp. For the first time this winter I have written in two days more than enough for C. to type copy in a forenoon. This, however, is not due so much to increased facility of composition as to the fact that I have been compiling matter that required less alteration than usual.

E. R. S. returned from Springfield this afternoon. I went in town at evening to "We Din" at Joe Goodale's. Every one there except Bert. Good time. I talked mostly with Chapter & Townsend.

Cambridge - Boston

Ther Thursday, Jan. 28, 1915 Wea Dull.

Cloudy, calm, mild but chilly. Ground covered to depth of several inches with icy snow. Solid enough to make good crust walking. Sleighing again but not very good.

In Garden: Two Jays close together on plank walk leading to Museum at 8 a.m. They were pecking up something eagerly. I think it was coarse sand with which the slippery boards had recently been strewn. Later heard jays screaming & saw a Flicker. Lots of House Sparrows.

Saw 2 Goosanders flying over Charles Riv. opp. Sparks St. Devoted whole forenoon to usual tasks.

Compiled about 2 pp. Started for Boston at 1.30 P.M. & met Judge Abbott at our office by appointment at 2. We had good talk. He had seen Judge Dawson who told him "he did not think he should render any decision" concerning the Town Hall & Library matter. He thought it should be passed on by the Supreme Court. After Judge Abbott left (at 3 P.M.) I sent for John Abbott & told him about Judge Dawson's statement. It made him very indignant. Went to Breckin at 4.30 to see "Blunden". Home by 5.30

Cambridge.

Ther Friday, Jan. 29, 1915 Wea Fine.

Clear & cold with light northerly wind.

In Garden: 3 Blue Jays together on plank walk at 8 a.m., apparently pecking up sand. 3 Flickers - ♂♂ - together in beech near tree about 11 a.m., one of them pecking lustily at the trunk of this tree. I notice that they have already scoured it rather conspicuously in places as is their odd habit at this, but no other season.

Shortly after breakfast I began revising half a dozen or more sheets of Boy Cole Story M.S. that C. copied yesterday, expecting to finish with them in half an hour or so. To my infinite disgust the task absorbed all my time and thought until 7 P.M. for much of the matter was crudely composed & had to be rewritten in places.

Gelbert was summoned into Court this morning because of a complaint lodged against him by a Boston fabricator for alleged Charles making on Jan. 21. The judge fined him 10.

Cambridge.

Ther Saturday, Jan. 30, 1915 Wea
2°, 18° Fine

Clear & very cold with light northerly
wind

In Garden? - a Jay heard, half a dozen
or more House Sparrows seen.

Worked all day on Log Cock story.
After again revising some of type written
matter composed an additional page
mostly completed, however.

Walter Tuxon came at 11 a.m.
bringing some birds from old Boston
Museum collection to compare with skins in
mine. Two Pinnated Grouse which he
thought might be Heath Hens proved to
be Prairie Chickens. A small Skink is
probably of Old World origin although
labeled "N.A." Tuxon examined my
Glossy Ibis from Bos. Mus. Coll. with
critical interest.

Neighbor & tenant Bruce called this
evening to play his game (overdeck 6 men)
He stayed an hour. We talked chiefly
about books & literary compositions.

Cambridge.

Ther Sunday, Jan. 31, 1915 Wea
10° Stormy

Cloudy, with rising temperature and
light, continuous snow fall, from 3 to
8 p.m., making about three inches in all.

In Garden: ♂ & ♀ Downy Woodpeckers
together in Catalpa by Museum and
single Chilodactylus in Linden, at 8 a.m.
Two Jays & a dozen or more
House Sparrows, seen later.

C. went to early service alone
getting back soon after 10 a.m.
Shortly before that I was about to
begin writing letters in Museum when,
to my surprise, Dr. & Mrs. Gehring,
with Mr. Upson, knocked at the door
& then walked in. C. it seems, had
arranged for their conveyance before she went
to church. They stayed about an hour &
I showed Upson some of my birds.
We all made a short call on Mrs.
Blackwell. The Messrs. James & Emily
Chapman, with Miss Allyn, dined with
us at 1:30 & listened to Beethoven's
music after which Messrs. & Mrs. Upson
Crawford, then leaving.

Cambridge.

Ther Monday, Feb. 1, 1915 Wea
Stormy

Dark cloudy with rain or sleet falling ceaselessly. Every exposed surface of whatever kind coated with clear ice which loaded trees & shrubbery almost - but not quite, as yet - to the breaking point. Altogether a most dreary & depressing winter day.

In Garden saw no birds save a few half-drowned House Sparrows.

Working on Boz Cock story still. Added but little fresh matter, being chiefly concerned with a final revision of that written last week and type copied to-day by C. for the second time.

Miss. Balch lunched with us. I played a few Victrola records for her before returning to my desk.

Nuttall Club meeting this evening. Townsend read article on Rock Dove.

Cambridge

Ther Tuesday, Feb. 2, 1915 Wea
8° Stormy.

Dark cloudy and bitterly cold with easterly wind. Fine, dry snow falling more or less steadily and heavily all day long. It packed so hard that it was difficult to remove from our walks and where left untouched would almost support my weight. With what has come before the snow must now cover the ground to a depth of at least six or eight inches.

In Garden: heard a Jay screaming. Cannot remember any Sparrows.

Compiling from Umbagog notes I wrote about three M. S. pages relating to the Boz Cock, thereby almost completing what I had intended to say concerning him.

Spent evening in hall with C. & E. R. P. They read aloud & listened to Victrola. I sent \$100. to Belgian Relief Committee & also gave \$10.00 for pipes & tobacco for Townsend & others at the war.

Cambridge.

Ther Wednesday Feb. 3, 1915 Wea
Dull

Dark cloudy, cold & windy with occasional flurries of snow flakes.

In Garden: 2 Flickers (both ♂♂) eating Parkmann's apple at same time, one in tree, the other on surface of snow under its outermost twigs. Saw a solitary Crow fly low through jungle. House Sparrows seem to have deserted the place altogether - as they almost always do during heavy or protracted snow storms in mid-winter.

The Bog Cock story is finished at last. After working on it all forenoon I could find no more to add so returned to Sapsucker story, which was left somewhat incomplete, and wrote a couple of pages for it in afternoon.

Spent evening in hall with C., E. R. S. & little "Jim." We had reading aloud and Victrola music, as usual.

Cambridge.

Ther Thursday, Feb. 4, 1915 Wea
10° Fine

Clear and cold with light northerly wind.

In Garden: heard a Jay screaming and saw a Flicker in Parkmann apple tree feasting on its ice-coated fruit. Fox everything out of doors is clad in icy mail and has been since Monday last. A few House Sparrows are back again in our shrubbery & looking rather disconsolate there.

Worked all day on Sapsucker story, compiling from Unbaptized notes and writing three or four pages of matter thus derived.

Miss Bishop dined with us and afterwards went with C. & E. to Symphony concert in Sanders Theater. E. R. S. & I remained at home & had a Victrola concert in hall. She also read aloud from Crawford's "Pavia Donna" It is one of the novels known to many.

Cambridge.

Ther Friday, Feb. 5, 1915 Wea
Death of Mrs. John Brooks. Fine

Brilliantly clear with light westerly wind. Decidedly warmer. Snow melting freely where exposed to sunbeams and falling in crashing avalanches from house & museum roofs at intervals through afternoon. Excellent sleighing again, but only a few people out in sleighs. Automobiles more handicapped than usual, yet running rather numerous.

In Garden: heard two Jays & saw half a dozen or more Sparrows.

Worked all day on Sapsucker story writing almost the pages of matter based on field notes but not following them very closely save in respect to essential significance.

Spent evening in hall with C. & E. R. S. We had the usual Vichola concert & reading aloud of Crawford's fine story, "The Prima Donna".

Cambridge.

Ther Saturday, Feb. 6, 1915 Wea
Dramatic Club. Fair.

Forenoon sunny but hazy. Afternoon cloudy. Evening foggy. Very warm. Snow melting fast. Streets & sidewalk deep in slush.

In Garden: a cawing Crow, a screaming Jay, a ♂ Flicker, a ♂ Junco eating seeds of prostrate *Fennel* plants, the usual number of House Sparrows.

I saw the Flicker fly into our big beech tree about 9 a.m. where he began at once to rain vigorous blows with his bill on the upper side of a branch as thick as a oak handle. Within less than five minutes he stripped off its bark for a space several inches long exposing whitish wood beneath. I failed to see that he ate anything. Some of his bill strokes were exceedingly rapid.

At dark most of day. Finished Sapsucker story & began on Whistlinoonwill, writing 2 p. To Dramatic Club with C. this eve. "Pair of Green Stockings", a very good play. Saw met Mrs. Almy & chatted with her once or less. Jane Smiley met C. Truder. Jack near us. Talked with her during intermission. Jack Dwight then with his bird. We all shook hands.

We heard this morning of death of Mrs. John Brooks last night

Cambridge.

Ther

Sunday, Feb. 7, 1915

Wea
Fair

Partly sunny, mostly cloudy, with
light rain at evening. Very warm
Sleighing spoiled

In Garden: heard a Junco, a Jay,
a Downy and a Flicker. Lots of House
Sparrows.

Two Starlings in Thorpe ave, Brattle St.

Met C. at St. John's at 10.40. Indifferent
sermon by Dr. Walker. I went & returned

alone, C. remaining for Communion.
Wrote letters after getting back to Museum.

We had at dinner Miss Allyn, Alice
Stone & Louis Howe. Soon after it there
was a general exodus to Mrs Brooks's
funeral. Mrs. Stone remained &
stayed on until nearly four. I played
Victrola music which she liked much.

At 5.15 C. & I went in couple to the
Batchelder's afternoon tea for Dr. &
Mrs. J. Dwight. She is pretty, winning,
pleasant & intelligent. Met then Will Johnson,
the Deans, the Spelmans & one of the other
men. Victrola music this evening

Cambridge.

Ther

Monday, Feb. 8, 1915

Wea

Thin cloudy calm & warm, turning
cool again towards evening. Streets
still deep in slush & gutters choked
to overflowing. No really bare ground as yet.

In Garden: saw a Junco (♂), 2 Jays
and about a dozen House Sparrows;
heard a Chickadee (last noted on
January 9.) call three in or near
the big Gravenstein apple tree.

Wrote two more pages on the
Whippoorwill, thereby finishing the
brief story relating to him by noon.
C. type copied almost all the M.S.
I could supply. Revised her copy
after dinner and then began on
Nighthawk story, comparing it from
field notes and writing a full page.

Knocked off work at 4.30 & went
by trolley car to Butler's greenhouse
where I bought a long aralia to give
C. to-morrow. Walked home, stopping
in Harvard Sq. to get hair cut.

Cambridge

Ther Tuesday, Feb. 9, 1915 Wea
Fine

Clear, calm, mild. Streets still
slippery. Cooler at night

In Garden: two Flickers eating fruit
of Parkmann's apple, two Jays, many
House Sparrows.

Ed. was married thirty four years
ago today. Ed. gave me this morning,
a pink & white azalea and I, her a
pure pink one. So my Fuller brought
over some beautiful roses. She came
again at 7 P.M. to dine with us &
the Spelmans & Co. found W. Hayward.
I played the Victrola to them
afraid considerably from 8 to 11.
After their departure Ed. & I
saw news records brought over by
Gilbert this afternoon. Several proved
rather good.

Worked all day at my desk.
Got to fussing with Whippoorwill story
again, adding a page to it & doing
nothing else.

Cambridge - Boston.

Ther Wednesday, Feb. 10, 1915 Wea
209 (max) Grenfell Association. Fine.

Clear, calm & cold. Everything
frozen stiff again.

In Garden: Juncos (8), Chickadee (heard)

Worked on Whippoorwill story all
forenoon revising the part written
yesterday and adding another scant
page. All this matter is in the
nature of afterthought, not originally
contemplated, I has made me a
lot of trouble but is perhaps worth
it or at least better than the rest
of the article to which it belongs.

Went in town after luncheon to
attend a meeting (4:30 - 5:30) of the
Grenfell Association at Dr. Blake's.
There were really three meetings one of
Ass., another of Directors, the third of
Corporation. I presided over latter two.
& lectured officers etc. They made me one
of two Vice Presidents & Dr. Blake the other.
Spent hour at Athletic Club. Home by 7.
Carroll Scott called by app. at 8. He wanted
to borrow \$300. for Tufts College dues. I
advised him to write to Arthur Sabers.

Cambridge.

Ther Thursday, Feb. 11, 1915 Wea
Fine

Clear & cool with light
westerly wind.

In Garden: eight or ten H. Sparrows
but nothing else that attracted
my notice.

Worked all day on Nighthawk
story. Wrote three pages, mostly
completed, from journal. Co.
typed & copied everything written
up in room. I did two of way
three pages after that.

Victrola playing 8-9 P.M. Fred
four new George Olsen records
all well played but two things
that we do not care to keep
because of the quality of the
back a lot of records today
on that were tried & rejected
yesterday & the day before. We
got only five or six desirable ones
out of that batch.

Cambridge.

Ther Friday, Feb. 12, 1915 Wea
Dull

Cloudy and warm with southerly
wind and light rain at nightfall.

In Garden: two very noisy Jays
and a dozen or more chattering
House Sparrows.

Spent entire day in Museum,
working on Nighthawk story.
Revised the two pages written
yesterday and then composed
two more.

C. & E. R. S. at their Bee this
evening leaving me to sleep alone.
After doing so I called on
the Fairchilds spending rather
more than an hour with
them. Cousin Sally was
devoting herself to her invalid
dog, Furry, who is now unable
to make any use of his hind
legs.

Cambridge.

Ther Saturday, Feb. 13, 1915 Wea
7:00

Clear, calm, bracingly cool air
but snow melting fast at noon.

Recent rains have given it a
highly-polished icy surface, the
slid covers the ground hereabouts to
a depth of several inches.

In Garden: a solitary Chickadee,
a gray Purple Finch in Parkman's
apple eating its tiny fruit (or seeds)
in company with 7 or 8 House Sparrows,
a Flicker, two Jays, a Crow
cawing.

Spent day at my desk, working
on Nighthawk story. Rewrote
part of it for second or third
time and then compiled three
pages from journal.

Heard this morning that Edith Dames
had been operated on for gall stones
last Thursday. Called at house this
evening but Deck was not in. Saw
his nephews & Kenneth (Henrietta's son) &
wife. Spent half an hour with them.

Cambridge.

Ther Sunday, Feb. 14, 1915 Wea
Dull.

Cloudy, calm & mild but chilly.

In Garden: a Chickadee, a Junco (♂),
a Downy (heard), a Flicker, a Crow
(heard), 2 Jays, and ten or a dozen
House Sparrows (very noisy)
A ♂ Starling in Thorpe's, Brattle St.

Met C. at St. John's at 10.20.
Loving Fuller sat with us in Mrs. Wynn's
former place. Dr. Hodges preached a
wonderful peace-war sermon in
commemoration of one hundredth
anniversary of Treaty of Utrecht. Pulpit
draped with two flags, that of
Great Britain & the United States.

We had at dinner Mr. & Mrs.
Darling, Mr. & Mrs. Galloupe and
Miss Allyn. Victoria playing most
of time from 2.30 to 4 P.M.
They all departed at 4.30. After
that I wrote letters with Madame
Moue Victoria & John reading, after
supper.

Cambridge.

Ther Monday, Feb. 15, 1915 Wea
Dull

Dark cloudy, calm & mild but
chilly with heavy rain at nightfall
& later. Snow & ice melting rapidly.

In Garden: a Purple Finch & two
Titlarks eating fruit of Parthenocarp apples,
two screaming jays, a Downy, a Crow
& half a dozen House Sparrows.

Spent day in Museum working on
Nighthawk story and adding three
pages to it. C. type copying it
in forenoon. I had expected to
go in town after luncheon but
word came from our office that
Galloupe was ill in bed at home
so I gave it up.

Nuttall Club meeting this evening.
Good attendance because of expected
talk on Game laws changes by Dr. Tild.
He was unable to be present, however,
so I filled the gap by reading the
Boy Cuck story from Unsung Birds.
It seemed to interest everyone.

Cambridge.

Ther Tuesday, Feb. 16, 1915 Wea
Dull.

Dark cloudy, calm and mild.
Rain fell heavily through the
greater part of last night. It took
off practically all the snow and
faded green grass has reappeared
over much of our lawn although
there are still considerable areas
of ice there.

In Garden: a Chickadee & two
Golden-crested Kinglets flitting about
in lilacs at 9 a.m. Also saw a
Titlark in Parthenocarp apples & heard
jays screaming. A few House Sparrows

Worked all day on introductory
matter to Nighthawk story. It
proved difficult & I wrote only
a single page. Also revised
type copied pages written by C. yesterday.

Mary Grenough arrived this
afternoon for a short visit. She
enjoys Viola medic so we had
it from 8.30 to 10 P.M.

Cambridge.

Ther Wednesday, Feb. 17, 1915 Wea
Fine

Sunny but hazy. Calm & mild.

In Garden: a Chickadee, a
Downy, a Flicker, 2 Jays and
a few House Sparrows.

Wrestled all day long with
the introductory part of
Nighthawk story, advancing it
by no more than a single
page which, however, completes
the entire article, I believe,
although some afterthought
may have to be added later
and more or less revision
is inevitable. Thus far C.
had typed over seventy full
pages written by me. This
works an average of about
one daily - including Sundays.

Miss Swoony lunched with us.
We had the usual Victrola
concert in the evening.

Cambridge.

Ther Thursday, Feb. 18, 1915 Wea
18°, 28° Fine

Brilliantly clear & rather cold
with light northerly wind.

In garden: two Jays, two Flickers,
a Crow (heard) & several House
Sparrows.

C. type copied all the remaining
m.s. of Nighthawk story and
also three pages relating to the
Chimney Swift which I wrote
before luncheon. Added about
two more before night although
pleasantly interrupted by a
call from Smith Dexter who
stayed about an hour.

John E. & Mrs. Thayer arrived
at 7 (exactly on the minute)
to dine with us. They proved
to be Victrola lovers so I
kept the records going most
of the time up to 10 o'clock
when they departed.

Cambridge - Boston

Ther Friday, Feb. 19, 1915 Wea
Brewster Club Dinner Fine

Clear, cool, dead calm. Ice
melting a little on sunny slopes.

In Garden: Crows cawing at sunrise.
From Museum window. 7-9.20 A.M.
Saw in Parkman's apple tree Flicker
(♂♀), and just beneath it two Juncos
(♂♂) and two Purple Finches in gray
plumage hopping about on the ground.
Both Flickers descended to a present day
and remained there long making swift
Robin-like runs & pecking at things.
Three Downy Woodpeckers (♂♀♀),
meanwhile, were flitting through trees
just beyond & a Jay was also there.
Saw only 2 or 3 House Sparrows.

Spent day in Museum working
on introductory part of Chimney Swift
story & writing about a page.

Went in town at 7.30 to attend
Brewster Club dinner at Hotel Oxford.
Over 60 members present among them
Sergeant Mappitt & Miss Hearter. She spoke &
will. I said nothing.

Cambridge - Boston.

Ther Saturday, Feb. 20, 1915 Wea
Perfect.

Brilliantly clear, almost windless,
cool yet not chilly. Altogether a
delightful & even spring-like day.

In Garden: a Flicker, 2 noisy
Jays, several House Sparrows. Crows
cawing at sunrise.

Worked on Chimney Swift story
for two hours after breakfast and
two more before supper. Went
in town at 11.30 reaching our
office about 12. Signed a
lot of Estate cheques & went
out for an oyster steam at Mauston's
at 1, returning at 1.15. After
this tackled our Estate income
tax return with which Galloupe
has been wrestling for two weeks
or more. He explained all the
details of it made up and I
finally signed it. Left office at 2.
Walked to Juttler's & bought 3 pairs
of shoes there. Home by 4.30.
Played Victrola to S., E. R. S. & Mary G.
from 8 to 10 P.M.

Cambridge.

Ther Sunday, Feb. 21, 1915 Wea
Perfect.

Clear, calm, mild, yet a trifle chilly with a breath of E. wind now & then but a spring-like quality to the air.

Garden birds: - Two gray Purple Finches in Parkman's apple 9.30 a.m., One of them warbling so over. Equally subdued, still more musical & very much more varied notes. Came at same time from a Jay in pines beyond. He kept us up ceaselessly for a minute or two & then repeated this. Some of his notes very liquid & all pleasing. One seemed to be imitation of Flicker's year. There was another Jay & a Flicker & a Downy. At least a dozen House Sparrows, one pair entering hole in apple tree.

Mary G. & I walked to St. Johns & met C there. Sermon by Englishman, on "Mr. Washington" chiefly & very good, as thought. Returning called at the Dancer's, saw two of sons, Dick & Harry (?). Their mother still in hospital, recovering slowly. Home by 12.30. Visited father. Geo. & Mary Deane, Lucy Dexter, Mrs. Allen & Harry Bartlett dined with us. Mr. & Mrs. Will Jeffery & daughter called at 4.30. Between hours afternoon & evening

Cambridge.

Ther Monday, Feb. 22, 1915 Wea
Fine

Sunny but hazy, calm, mild.

Garden birds: A Flicker, 2 Blue Jays, about a dozen House Sparrows and a ♂ Sparrowhawk, the last named engaged, at 1 P.M. in rapid, erratic, plunging flight, accompanied by throat screaming, as is the habit of the species at this season and later. One of the swoops made by this particular bird carried him down close over the Museum.

Spent most of day in Museum working on Chimney Swift story. Tried to keep ahead of C's type copying in a.m. but she overtook me by 11 and after that lost much time waiting for my final pages. There was another composed letter which finishes this brief but troublesome article, I had Miss Bales & Mary G. at lunch. Dishes made after that & again this eve.

Cambridge.

Ther

Tuesday, Feb. 23, 1915

Wea
Fair

Bright cloudy, calm, mild.

Garden birds. Looking out from our bathroom window at 8 a.m.

I counted nine Blue Jays on wing, flying westward over the garden. & following on another in quick unbroken succession that all may be said to have been moving together in a straggling flock. A Flicker was seen later; also a dozen or more House Sparrows.

Attempting to revise the introductory part of Chimney Swift story a little I fussed over it all day, rewriting most of it and adding some new matter here & there, thereby improving it, I trust.

Sally Dearborn lunched with us. E. A. S. departed for Springfield at 3. C. I. & I were beginning a beetle collection after supper when Charlie Lamb dropped in. He stayed over our house & was very entertaining.

Cambridge - Boston

Ther

Wednesday, Feb. 24, 1915

Wea
Dull

Cloudy & showery with warm south-west wind.

Garden birds: - An unseen Purple Finch warbling softly in or near Parkmann apple tree; also a few House Sparrows.

Worked most of forenoon on revision of Swift story. Began on Hummingbird about noon and wrote four pages before 6 P.M. compiling the matter from journal notes. Walter Dean called for me at 6.15 and we went in town together to "The Den" meeting at Jackson's where we had, as usual, a delightful time. The talk related largely to the Great War, of course. There is no difference of opinion among us with respect to it. Home by 11.30.

Cambridge - Boston.

Ther Thursday, Feb. 25, 1915 Wea
Stormy

Warm rain with southerly wind.
Sun out at 2.30, after that more
rain in showers. Altogether an
April-like day. Hardly any ice left
since totally gone. Crocuses, Squills
etc. pushing up sprouts from
Museum but nothing in flower yet.
Hard bulbs swelling a brace show
now - especially tulips & hyacinths.

Garden birds: A pair of Kinglets
flitting about in their dainty fashion in
shrubbery front of Museum; the ♂
showing flaming orange crown patch very
conspicuously. I remember seeing precisely
same thing in this same garden at least
fifty years ago. Two Crows cawing.

Spent forenoon in Museum working
on Hummingbird story which C. type copied
in book. I did not accomplish much.

Went in town after luncheon. Met
Judge Abbott by chance at one of his
Galloway had made out my income
Tax return which I signed.

Home by 6. E. R. S. read "Diana Ruby" stream

Cambridge

Ther Friday, Feb. 26, 1915 Wea
Fair

Thin cloudy with occasional
gleams of sunshine and frequent
flurries of big, fleecy snow flakes
settling sparsely and lightly on
ground hard frozen over night.
A harsh north westerly wind

Garden birds: A Purple Finch
warbling sotto voce, 2 Jays screaming
lustily, Crows cawing in distance,
10 or 12 House Sparrows flitting
about.

Although feeling rather "seedy",
because of an on-coming cold,
- the first of the winter for me -
I put in a full day's work at
my desk in the Museum,
composing rather more than two
pages of introductory matter for
Hummingbird story, thereby finishing
it, and then composing almost
two pages on the Kingbird.
Snuffed about & read after words;
C. & E. R. S. at this time.

Cambridge.

Ther Saturday, Feb. 27, 1915 Wea
Fine

A harsh day, clear & cold
with raging northwest wind.

Garden birds: - Only a Flicker
and a few House Sparrows.

Despite an aching head and a
bad throat I kept at work
all day in Museum compiling
four pages for Kingbird story
and also making some progress
with the introductory matter
needed to complete it.

I seem to wake much earlier
now than earlier in the
winter but little if any better,
it is to be feared.

We spent the evening in
the "Huggerswagger" because it
was warmer & less draughty
than the hall which we
commonly frequent. E. R. S. read
our news, C. played Solitaire,
I worked on Uctesta.

Cambridge.

Ther Sunday, Feb. 28, 1915 Wea
Fine.

Clear & cool with northwest
wind less harsh & violent than
that of yesterday.

The only birds noted about
the place were a few House Sparrows.

My throat cold increasingly
troublesome and oppressive yet
not sufficiently so to prevent
me from getting out to the
Museum where I worked most
of day in vain attempts to
complete the introductory part
of Kingbird story. Although
it should have been written
in half an hour the end was
not reached when I finally
laid it aside at 6 P.M.

Alice Stone our only guest
at dinner. We had some Victrola
music after it and more this
evening, chiefly black records
E. R. S. reading "Diva's Ruby", 9-9-30 P.M.

Cambridge.

Ther Monday, Mar. 1, 1915 Wea
7. in.

Brilliantly clear & just seasonably
cool with light northerly wind.

Garden birds? A juncos fluttering
2 Flickers in Parkmann apple tree.
One "shouted" long & loud, the
first time this essentially Spring. Its
sound has greeted my ears this year.
Either the same bird or another
afterwards drummed many times in
the jungle. 2 Jays screaming there.
About a dozen House Sparrows
seen.

Worked all day on introduction
to "Kingbird Story" involving all of
it already completed & adding
another full page. C. type copied
everything up to date in forenoon.

Miss Mary Henshaw. Supper with
us & spent evening. I played Beethoven
for her, my cold being so bad that
I dared not attend Mitchell Meeting.

Cambridge.

Ther Tuesday, Mar. 2, 1915 Wea
7. in.

Clear and cool with high
north-west wind.

Only House Sparrows seen
about the place. Crow heard
cawing in early morning.

My cold "paralyzed" but not
"favorably" - to employ terms in fragments
use by our correspondents. Indeed it
was more abominably bad to-day
than yesterday yet I kept at work
from 9 a.m. to 6 P.M. on the
baffling Kingbird Story - now
finished, I trust.

The ground hereabouts has been
wholly free from ice and snow
for several days past but it is
hard frozen and barren looking.

Cambridge.

Ther Wednesday, Mar. 3, 1915 Wea
Fine

Clear & cold with strong,
bunch northwest wind.

Garden birds: a gray Purple Finch
in ~~the~~ ^{the} ~~nest~~ ^{nest}, ~~with~~ ^{with} 3 young &
a ♂ Flicker on ground beneath it.
All these together about 9 a.m.
apparently eating the fruit.
At ~~the~~ ^{the} ~~same~~ ^{same} ~~time~~ ^{time} I saw two
Downy Woodpeckers (♂ & ♀) together
in a cherry tree & a juncos
flicking through the lilacs.
House Sparrows about as usual.

Worked all day in ~~the~~ ^{the} ~~morning~~ ^{morning}
chiefly on Crested Flycatcher
story. ~~Wrote~~ ^{Wrote} ~~several~~ ^{several} ~~pages~~ ^{pages}
than a page of ~~not~~ ^{not} ~~uninteresting~~ ^{uninteresting}
material, ~~and~~ ^{and} only ~~another~~ ^{another}
of completed field notes.

Cold less troublesome
although still ~~more~~ ^{more} ~~enough~~ ^{enough} to
play to Germany record for
Mrs. Kirdley after lunch & ~~then~~ ^{then}
and ~~then~~ ^{then} ~~coming~~ ^{coming}

Cambridge.

Ther Thursday, Mar. 4, 1915 Wea
Fine

Clear & cool with fresh ~~northerly~~
wind much less peevish than that
of yesterday.

Garden birds: - a Flicker & 2 juncos
about 10 House Sparrows.

Cold passing off. Put in a
rather full day at my desk.
In forenoon completed three pages
of field notes for Olin about
Plymouth story which C. was
type-copying, thereby getting it
well started. In afternoon
completed about a page & a half
for the Phoebe story to
which no more need be
added, I trust. We had reading
in the hall this evening.

C. has nearly lost the sight of
his left eye. Dr. Williams had examined
it twice within the last few days.
He says nothing can be done. The
trouble began four or five months ago.

Cambridge.

Ther Friday, Mar. 5, 1915 Wea
First Snowdrops Fair

Forenoon sunny but hazy, Afternoon cloudy. Mild with light easterly winds

Garden birds: A Purple Finch warbling softly, a Flicker & 2 jays on ground near Parkmann apple tree, a Downy heard calling, Crows cawing in early morning, usual presence of House Sparrows.

Worked all day on Phoebe story, rewriting the whole of it. We had Victrola music and reading from Crawford's "Dive's Ruby" in the evening.

Half a dozen or more snow-drop birds showing white in front of Museum & one in front of house.

Gilbert in court yesterday & today jury gave him \$3500 damages in suit against Boston Elevated R.R. I have just resigned from Doherty & Athletic Clubs.

Cambridge.

6 Ther Saturday, Mar. 6, 1915 Wea
Fair

Partly sunny, partly cloudy. Chilly day with raw easterly winds

Garden birds: Two screaming jays and the usual number of House Sparrows.

Worked all day in Museum, mostly on Crested Flycatcher story which seems finished now but may not be. Also completed a page of field notes relating to Olive-sided Flycatcher.

Mr. Darling called at 9.30 and spent about half an hour explaining details of an offer that we have received for the Brewster Estate land on Appleton Street. \$8000 at first it has been raised to \$9000, & Darling hopes to get it up to \$10000. It comes from a builder. Victrola music this evening.

Cambridge.

Ther

Sunday, Mar. 7, 1915

Wear
Fair

Partly sunny; mostly thin cloudy.
Mild; hardly any wind.

Garden birds: a Flicker, Jays,
a Downy Woodpecker (heard), 10 or 12
House Sparrows.

Spent most of forenoon in
Museum writing letters. We had
at dinner only Miss Allyn.
I played some Black Records to
her after it until Miss Chapman
called. After her came Dick Dana
who stayed about an hour.
He is very happy over Edith's
recovery. She was brought back from
the hospital yesterday and walked
up the front steps into the house.
After her had departed I wrote
many letters. We had a
Victoria cocaine in the evening,
C. selecting all the records for
me to play. After that E. R. B.
read Diva's Ruby.

Cambridge.

Ther

Monday, Mar. 8, 1915

Wear
Fine

Brilliantly clear and just
seasonably cool with light
westerly wind.

Snow drop flower buds showing
bigger & whiter every day. Crocus
stems pushing up an inch or
more above ground but not as
yet exposing flower buds.

Garden birds: ♂ & ♀ Downy together
in lilacs, perching mostly on small
lateral twigs, fluttering their wings
a good deal. These two birds seem
given to behaving in this manner.
I rarely see them more than a
yard or two apart & they often
remain long within a few inches
of each other. There are also Jays
& about a dozen H. Sparrows in garden.

Wrote a little information but had
to stop because of severe attack of neuralgia.
Spent most of P.M. in darkened room.
C. went to town at 4 P.M. to spend a
few days at "The Abbotsford"?

Cambridge.

Ther Thursday, Mar. 11, 1915. Wea
Fine
7 not yellow crocuses

Clear, cool & windy, a rather harsh
& blustering sort of day. Two yellow
crocuses in bloom front of Museum.

Garden-birds: 2 Jays, a Crow flying
low, about a dozen House Sparrows.

Spent most of day in Museum
working intermittently on the Amblyop
Tale. Wrote almost three pages of
freshly composed matter, two relating
to Wood Pewee and one to Least Pewee.

Had to quit work by 4.30 because
of another attack of neuralgia.

This & depressing weakness induced
me to send for Dr. Jones who
came at eight o'clock this evening.

He says I have had a form of
grippe which is epidemic hereabouts
and follows usually by conditions
similar to that by which I am
afflicted at present. He advises me
to remain housed for some days
Miss Henders lunched with us.

E. R. S. read aloud my paper. This evening

Cambridge.

Ther Friday, Mar. 12, 1915. Wea
Fine

Sunny but very windy (N.W.) and rather
chilly yet not cold. Four yellow crocuses,
several squills and dozens of snow drops
blooming in front of Museum.

Two screaming jays and about a dozen
chattering House Sparrows were the
only birds noticed about the place.

Spent day in Museum working
at accustomed tale and making
rather good progress for I wrote
a page about the Hoopoe hawk,
another about the Prairie " " and
a third relating to Olive-backed
Flycatcher, nearly all of this matter
being freshly composed.

C. returned from Boston
time for luncheon. Arthur Davis
called just after it and stayed
about an hour. He had hoped to
do some work on my birds but I
did not feel up to it & told him so.
C. & I had dinner together this evening.

Cambridge

Ther Saturday, Mar. 13, 1915 Wea Fine

Clear & cool with light northerly wind.

Two jays & ten or a dozen House Sparrows were all the birds I noticed about our place.

Spent entire day in Museum.

Got on uncommonly well with the writing. In forenoon added a page to Olive-sided Flycatcher story, thereby completing it, and wrote another of introductory matter for Yellow-bellied Flycatcher story to which I added three more pages after breakfast, completing them mostly, however, from the Umbagog note books. For the first time this winter I am writing with comparative ease & alacrity yet my health & spirits are decidedly below normal because of the recent attack of grippe. Victrola music in hall this eve. for C. & E. R. S.

Cambridge

Ther Sunday, Mar. 14, 1915 Wea Fine
Death of James G. Croswell.

Clear & cool with light westerly wind. Hoar frost at early morn.

Garden birds: Two gray Purple Finches eating fruit of Parkmann's apple, 2 jays screaming, about ten House Sparrows.

Spent most of day in Museum writing letters. We had only Miss Allgren for dinner. I played Victrola music for her after it and again in the evening for C. & E. R. S. Anna Alaby called at 8.30 staying about half an hour.

The more troublesome manifestations of my late attack of grippe have ceased but I do not seem to be recovering much of the lost strength as yet.

James G. Croswell
Schoolmate
my old friend & schoolmate
died in New York to-day of heart failure

Cambridge.

Ther Monday, Mar. 15, 1915 Wea
Song(?) of Blue Jay. Fine

Brilliantly clear, very windy (N.W.)
rather cool; altogether typical March
weather.

In Garden: A gray Purple Finch
eating seeds of Parkinson apples;
2 jays, one of them uttering a
variety of subdued & very musical
notes some delightfully liquid in
quality, keeping it up ceaselessly
for several minutes. I heard this
through my closed Museum window
to which the bird must have been
very near & on the roof or gutter
just above, I thought. Is not this
the song of the Blue Jay?

Spent day in Museum working
on Alder Flycatcher story. Compared
a page of introductory general
matter & compared considerably
more than that from field notes.

Nuttall Club. I attended meeting
of Council only being too weak
to stay on for the general meeting

Cambridge.

Ther Tuesday, Mar. 16, 1915 Wea
Fine

Brilliantly clear, almost windless,
seasonably warm or cool.

Hundreds of snow drops, very many
squirrels and about a dozen yellow
crocuses in full bloom front of
Museum. House Bilbo almost
done flowering. They have been
unusually fine this year.

Garden birds: A solitary Purple
Finch (gray) in Parkinson apples;
two jays, one singing softly again
close to my study window; a
House Sparrow to the number of
ten or a dozen.

Worked all day in Museum
despite rather distressing nervous
& lactic which seems to increase
daily although otherwise the aftermath
of the "grippe" attack is passing off.
Wrote five pages for Alder Flycatcher
story, compiling from journal notes.
The fate of *Syrnoides* now doubtless
Victrola music this evening.

Cambridge.

Ther Wednesday, Mar. 17, 1915 Wea
Dull.

Cloudy & chilly, with light snow
fall - only just enough to whiten
ground & most of it came in early
forenoon, melting as it struck.

Garden birds: 10 Browed Grackles
appeared about 3 P.M. and spent
an hour or more in jumps, tumbling
about everywhere on ground as is their
usual custom at this season. At
least two of them were females.

Jays about the place all day and
saw 5 at once, two, apparently
a mated pair, spent much time
among ~~shrubbery~~ shrubs under my
study windows & one of them sang
them. There were 8 or 10 Sparrows.

I worked all day on the M.S.
written within the past two days,
revising and to some extent
redrafting it.

Victrola music & reading in hall this eve.

Cambridge.

Ther Thursday, Mar. 18, 1915 Wea
Fine

Clear, cool, rather windy (N.E.)
only a few birds: 2 Purple Finches
(gray ones) in Parkman's apple tree, 4
Blue Jays, 5 Crows (flying over),
Dorothy Woodpecker (♀), Crow Blackbird
(heard), about 6 House Sparrows,
Nuthatch (*carolinensis*) calling woe-woe-woe, 6 or 7

Worked all day on Blue Jay
story begun this forenoon. Wrote
four pages of which there were
copied from journal notes.

John Nichols called just after
lunch and stayed about
an hour. We talked mostly
about Jim Crowell's death
and life. John has seen
much of him all along &
was with him one evening soon
more than a week ago.

We had Victrola music &
reading in hall this eve. C. & R.S. 42.

Cambridge.

Ther

Friday, Mar. 19, 1915

Wea

First Robin.

Time

Brilliantly clear with light northerly wind. Ground white with hoar frost at sunrise. Several white crocuses in bloom.

Garden birds: Awaking about sunrise I heard a Robin calling & a Thriller shouting, both apparently in our hindrance. Later in morning noted 2 Purple Finches (both grey), a Goldfinch (one wing) a Cross Blackbird (3), 2 Jays & 5 or 6 House Sparrows; also a Crow.

Gilbert motored me to Mrs. Camp. Took at 9.30 a.m. I met there Sam Hincham, Outram Barge, John E. Thayer, Walter Taylor & H. B. Bigelow. Was shown interesting birds including new Gull from Ellesmere Island & two kinds of Black-capped Petrels. Left at 11.30 & motored John Thayer to Harvard Sq. where he took subway car & I had hair cut. Spent most of P.M. in Museum, watching on Blue Jay story & comparing 2 specimens. Victoria museum in evening.

Cambridge.

Ther

Saturday, Mar. 20, 1915

Wea

Time

Clear & calm. Hoar frost in early morning.

Garden birds: Two Jays (one of them singing softly), Cross Blackbird (heard), Crow (calling at sunrise), a few House Sparrows.

Spent day in Museum. Devoted forenoon to picking out birds skins for Malin. Osgood brought from my collection to add to a considerable number selected for her on my request by Outram Barge from Museum Camp. Took series. Between us we shall supply almost all on her list. She desires them to mount for a study collection for Fairfield Bird Club.

Wrote (in complete) two pages for John Jay story in P.M., thereby completing it. Victoria museum & reading this eve.

Cambridge.

Ther

Sunday, Mar. 21, 1915

Wea
Dull

Cloudy & chilly, with a few
snow flakes falling now & then.

Garden birds: One Purple Finch (young)
on ground under Parkmans' apple
tree, 2 Jays, 3 Crows (flying low)
& 6 or 8 House Sparrows.

Spent most of day in
Museum writing letters, and
Miss Allyn & her nephews
dined with us and looked
afterwards into Victoria's
page which we had a
large cabinet beside reading
aloud in the evening.
So has passed a rather
pleasant & wholly uneventful
day.

Cambridge

Ther

Monday, Mar. 22, 1915

Wea
Dull.

Cloudy, chilly, calm.

Garden birds: A Flicker heard
shouting at early morn. was
probably the male of a pair seen
later hopping Robin-like over the
grass plot by the sundial.
Besides this I noticed nothing
save two Jays & a few House
Sparrows.

At desk in Museum during
greater part of day. Wrote three
pages about the Crows, two
composed and one completed.
C. typed most of forenoon.
I am keeping somewhat ahead
of her now but neither of
us will do much more
before the house closes & reopens
again.

C. had what was essentially her
old reading class here this afternoon
to hear Geo. Jeffers' letter read. I
came in at 5 to see them all.
E. R. S. sent to me in hall this eve.

Cambridge - Boston.

Ther Tuesday, Mar. 23, 1915 Wea
Fair

Forenoon cloudy, after noon
sunny. Calm & mild but chilly.

Garden birds: a Flicker (shrieking),
a Grackle (heard), 2 Jays, a few
House Sparrows.

To Boston at 10 a.m. Spent
next six hours mostly in our
office. Dictated letter to Mr. Haley
advising him not to worry &
assuring him that he might
have as much money ~~needed~~ as
necessary to complete his ~~work~~.
He is now at Santarium in Melrose.
Harry Spelman brought in Benson's
mortgage deed to prove, as I had
expected, to be a first mortgage for
600. on his entire real estate. I
wrote Mrs. B. W. Brown to that effect.
She telephoned me last night that
Benson denied. I had any such security
sought at Marston's Home by 4.30
to review M. S. & add a few to
Crow House, then completing Benson's
Harry Barthelemy's story.

Cambridge - Boston (We Din)

Ther Wednesday, Mar. 24, 1915 Wea
First Bees. Perfect.

Brilliantly clear, perfectly windless,
warmest day of year thus far.
Honey Bees out by scores buzzing
about blossoming crocuses.

Garden birds: Robin calling at
evening. Flicker shrieking & Crows
cawing in early morning.
Blue Jay singing sotto voce near
my study window, almost continuously
for upwards of two hours in
forenoon. Grackles heard. House
Sparrows in small numbers.

Had a mean-feeling day with
neuralgia & nervous exhaustion
but kept at work nevertheless,
writing two pages about the
Raven thereby finishing with
him. Took a short walk
up Brattle Street just before
lunchtime which I ate alone.

Went in town with Walter at
6.15 to "We Din" meeting at Will
Houses. All except Barbara there.

Cambridge

Ther

Thursday, Mar. 25, 1915

Wea
Time

Clear and mild but rather
chilly with light easterly wind.

Garden birds: Flicker shouting, &
Crows calling in early morning
& later a Jay singing, notes over
near my window at intervals
through forenoon. Robin calling &
laughing towards sunset.

Spent day in Museum, writing
letters and reviewing M.S.

C. worked through forenoon,
type copying everything up to date.
She will not do anything more
at our mutual task this spring.

I may take it up again
next month or may not.

Gilbert brought out a lot
of Columbia records which we
played this evening, getting
them very good ones.

Cambridge

Ther
28°

Friday, Mar. 26, 1915

Wea
Time

A harsh day with cold and
violent north-west wind.

Garden birds. Robin calling, ? flicker
shouting and Crows cawing in
early morn. Blue Jay singing very
like a Catbird, but in subdued,
almost whispering tones for an
hour or more, at intervals, in
forenoon. He was in Rhododendron
thicket under my study window,
sometimes no more than a foot
above the ground.

Spent most of day writing
letters in Museum. Also selected
birds to send Biological Survey
and Arthur Hays Sulzberger for study
& comparison. Gilbert took
rejected records in town &
brought out more which I
played, finding our good one;
C. & E. at their Bee this evening.
I suffered alone & played Victrola
and read some news.

Cambridge

Ther

Saturday, Mar. 27, 1915

Wea
Fine

Gleam and wintry cold with
hard frozen ground and driving
north-west wind. Some of those ^{men}
out of doors report that we
have had no harsher day all
winter.

Garden birds: Two Crows, Blackbirds
in jungle, a mated pair of Jays
spending whole forenoon in thickets
of Rhododendrons beneath my study
windows where one bird sang

long and very pleasantly at
intervals, his subdued voice coming
faintly, yet distinctly to my
ears through the closed windows.

He and his mate kept mostly
near together or no more than
a foot or two apart. The ground
moving about but little.

Spent day in Museum writing
letters. A further array things for
Loo. brought quarterly figures from office
for me to sign. Mrs. G. called this morn.
He had Victoria Kirsch after the left

Cambridge

Ther

Sunday, Mar. 28, 1915

Wea
Fine

Gleam & cool with rather fresh
but not violent westerly wind.

Garden birds: a Robin
calling; 2 jays among Rhododendrons
under my study window, one
singing, the other eating nightshade
berries after pecking them to
pieces rather daintily. Two
Crows Blackbirds in jungle.

Spent forenoon in Museum
reading & writing a few letters.

Mr. & Mrs. Will Jeffers and
their daughter dined with
us at lunch. Mrs. Allyn at 6.30.

They all stayed until 3.30.
We had Anna & Victoria Kirsch

Dick Dana came about
4.30 to spend an hour chatting
with me in Museum.

Lucy & Mary Deane came
down at 8.30 this evening to
stay about an hour. Mrs. Victoria

Cambridge Boston.

Ther Monday, Mar. 29, 1915 Wea
Fin

Clear & colder with high N. W. winds which had a wintery keenness, especially towards nightfall.

Garden birds: Song Sparrows in tops of lilacs: 8 a.m. I saw him from bath room window & listened in vain for him to sing. A Robin 2 Grackles & 2 Jays in Jugh.

Left house at 10 a.m. & walked from to Beecher's for Easter Lily for C., next to City Hall for hunter's license. Gilbert left me there & went to Concord to put farm horse in order. I called at Cambridgeport Savings Bank. Started an account with \$200 & had a talk with Mrs. Roof my High School classmate. Next in town to Suffolk Savings Bank where I deposited \$300 & saw Geo. Wigglesworth: At our office 12 - 4 P.M. Bought 1000 Mass 4 1/2 bond & 10 the. Filled Rubber Co. stock lunched at Marston's. Home by 4.30. Wrote letters, wrote G. V. letter, made & reading no hall this evening

Cambridge

Ther Tuesday, Mar. 30, 1915 Wea
Fine

Clear and cold with violent, harsh north-west wind.

Garden birds: a Robin calling, 5 jays together in rhododendron thicket by my study window when one bird sang at intervals from 11 to 12.30; 2 Grackles in Jugh; Crows heard cawing; half a dozen House Sparrows.

Gilbert brought up the Ford car this morning to take me to Concord but the weather was so wintery I dared not go in my present enfeebled & dispirited condition. So the car was sent back to the garage and I spent most of day in Museum writing a few letters & filing letters & looking over pamphlets. Mary Greenough & Mrs. Sawyer dined with us at 1.30. Played music & reading this evening.

Cambridge-Concord.

Ther Wednesday, Mar. 31, 1915 Wea
Fine

B'ear, calm, warmer.
The best day for a week or
more because so nearly windless.

Garden birds: 2 Robins attacking
7 Crane Blackbirds with excited
clatter. 2 Jays, Downy heard.

Farm birds: 2 Bluebirds (singing
gloamely at noon) Robin calling (at
eve.); 3 Song Sparrows (1 sang over
ceiling) Chickadee (Birch 7.); Creeper
(Pulpho R.), Partridge (5) started in
Pulpho R. woods, 1 in Run, Pheasant
(2 crowing) Crows, 1.

Fresh tracks of large Deer in
Birch Field.

Ladies deligths (purple) in full bloom

Gilbert, little "Jill" & I left home
at 10 A.M. & motored to Concord
Stopping at Long in Glen for supplies.
Just as I had a good walk in
Birch Field & Pulpho R. woods in
mid afternoon.

Concord.

Ther Thursday, April 1, 1915 Wea
Fair

Partly cloudy, mostly sunny.
Cool with fresh N.W. wind.

Farm birds: Robin, 1 in full song
at sunrise; 2 calling after sunset;
Song Sparrows 2; Chickadee, heard;
Creeper, heard; Red-bellied Nuthatch,
1 in Cedar Park; Fox Sparrow 1 in
Cedar Park; Crows, (5); Pheasant,
2 crowing at evening.

No snow or ice in open country,
except little in woods; frost out of fields
exposed to sun; roads as dry as in
midsummer. Although most woodland
pools are wholly free from ice no
Frog or Hylas have been heard as
yet the farmers tell me. Nor has
the great flight of Fox Sparrows &
Juncos arrived; Song Sparrows are
not numerous. No green grass.

Spent most of day out of doors
doing work of man. Walked to
Birch Field & Berry P. in P.M.

Concord (Farm)

Ther

Friday, April 2, 1915

Wea
Fair

Partly sunny, partly cloudy
Cool with light westerly wind.

Farm birds: 2 Bluebirds, a
Robin & 3 Song Sparrows singing
near house, between 6 & 7 a.m.

Saw 3 Robins together in front
& low bird in down yard close.
Pheasants moving in various
directions in early morn &
again at noon. 2 White Jay
Sparrows in Acton Park.

Started 3 Partridges all together
in Pulpit Rock woods.

Insisted in vain for Wood Frogs
& Hylas. All conditions ripe
for them to be vocal.

Spent about half of day out of
doors about the farm. Put
up bird boxes & cleaned out
some left up over winter. In
one found a Gray Squirrel.
No Field Squirrels seen or heard
as yet.

Concord - Cambridge.

Ther

Saturday, April 3, 1915

Wea

Heavy snow fall.

Stormy

Morn dark cloudy with intensely
chill North-east wind blowing half a gale.
Snowing thick & fast all afternoon
& up to about 9 P.M., landing branches
of trees and covering ground to depth
of fully ten inches.

Spent most of forenoon at farm &
part of it with Bearbank & George who
were hauling stones on a drag with
our horse, Prince, and placing them
for filling in hollows in road ways.
The freezing North-east wind made
it uncomfortable out of doors unless one
kept moving briskly. Saw few birds.
Only a Bluebird & a Song Sparrow singing.

In the Ford car, with all its leather curtains
buttoned on tight, Gibbon & I started for
Cambridge via Concord at 11 a.m. The
strong wind beat incessantly against our
canopy but that sheltered us perfectly. Snow
began falling as we passed Lexington & was
coming thick & fast when we reached home at noon.
May, Acknowledged broadcast with C. E. R. S. & with
C. read war news & E. R. S. The Diller's Children, in
the morning

Cambridge.

Ther 48° Sunday, April 4, 1915 Wea

Thin Cloudy with light, chill N.E. wind. Almost a foot of snow covering the ground at morning but wasting fast as day wore on. Streets deep in slush. A few sleighs out.

Garden birds. Early in the morning Percy scattered a lot of hump seed over a space a few yards square should clear of snow in front of Museum. It was crowded with birds all day. There were about 30 House Sparrows, as many Crows Blackbirds, a Robin, a Tit Sparrow & a blue bell Pigeon there. In jungle there were several Jays & a Downy. A ♂ Cowbird joined the throng at seed bed shortly after 1 P.M. & at 4 I saw him in Parkman's apple tree with two Purple Finches

Met C. at St. John's at 10.25. Dr. Hodges preached a fine Easter sermon. Church well filled. C. & I rode back through slush.

Miss Jennie Chapman, Miss Allyn, Miss Swenson, Mrs. Cobb & Irving Fuller dined with us. I played a few records for them. Reached home about 8. Duller children this eve.

Cambridge - Concord.

Ther 50° Monday, April 5, 1915 Wea Fine

Sunny, calm, mild. Snow melting rapidly. Almost half of open country bare by night but where the snow had drifted deeply it seemed to shrink but little.

Garden birds: a Robin, 7 or 8 Sparrows, juncos, Downy, 2 Jays (one in full song at 11 a.m.) 7 or 8 Grackles, a Crow, a few House Sparrows.

Gilbert & I left the Museum at 11.30 & reached Concord village an hour later. For the most part bare or almost so the roads were in places obstructed by snow drifts which along walls & banks were often from six to eight feet in depth. The cows labored & floundered through much deep slush & we took one set of chains. Saw three small flocks of Robins & one of Ten Sparrows. Reached Concord at 1.15. Spent most of P.M. bearing brush in Cedar Park. Saw a Robin & heard Crows & Pheasants.

Concord (Farm)

Ther Tuesday, April 6, 1915 Wea
Pileated Woodpecker Stormy

Cloudy, calm & mild with incessant light rainfall. Snow wasting fast.

Farm birds: Bluebird, 7 of Sparrows & Song Sparrows singing at early hours, Red wing & Song Sparrows at sunset. 2 Cedar birds & a Robin eating Cedar berries & barberries near house at 6.30 a.m.

Burbank heard Canada Geese at 6 a.m. & Iph saw as well as heard a large flock flying over high at 7.20 At 8.15 a.m. I was on a wooded ridge S.W. of Barrett Spring when the voice of a Pileated Woodpecker fell on my ears. A few seconds later the big bird passed me on wing about 70 yds off & just above tree tops, with loud caw-like flight, calling cuck, cuck cuck etc. all the while & for at least two minutes after alighting somewhere in gully Cabot Spring. I heard it again at 4.30 P.M. near Palfit Rock uttering the same slow prolonged vocal calling & also tapping loudly. In Beech field at 8 a.m. with Burbank, Iph & George. We entered the farm brush but some snow drove us by garage. Walked down over again at 11 a.m.

Meadow bank at 7 a.m. Heard flight call of Song Sparrow at 7.15. Heard flight call of Song Sparrow at 7.15. Heard flight call of Song Sparrow at 7.15.

Concord (Farm)

Ther Wednesday, April 7, 1915 Wea
Barred Owl hooting. Fair

Cloudy, foggy & calm in early morning. Sun out & light N.W. wind blowing by 10 a.m. Rest of day partly sunny, partly cloudy. Warm.

Farm birds: Robin, Bluebird, Chickadee & Song Sparrows singing in early morn. General amount of juncos. At least 30 in orchard singing & chasing one another.

3 7 of Sparrows & as many Jays with them. About 9 a.m. I was standing near Barrett Spring when a Barred Owl hooted further up the tree, apparently near Palfit Rock. It gave the full, normal hooting outcry which was afterwards repeated five or six times at intervals of one or two minutes.

I finally went in search of the birds but failed to find it & did not hear it again. Pheasant crowing lustily all day, some in dense woods where I have their tracks in snow.

Where are Flickers, Tree Swallows & Phoebe? Why are Hylas & Wood Thrush silent?

Men hawking brush into Beech field & burning it there. I was with them 8-9.30 a.m. & 2-5 P.M. birds silent & slept rest of day.

Concord (Farm)

Ther Thursday, April 8, 1915 Wea. Perfect.
 First Wood Frog. Phoebe

Brilliantly clear & deliciously warm although the wind was north west and very strong. The snow melted fast everywhere and none was left by sunset save in drifts along walls.

Wood Frogs vocal at last, croaking by scores all afternoon & after night-fall, in pond below orchard.

First Phoebe, in full song 6-7 A.M. near house. One Robin singing & three calling at sunset. Not many Sparrows - 2 Fox, 3 or 4 Juncos, 2 or 3 Song. Red bellied Nuthatch near Spring.

I spent entire forenoon in woods south of the Spring where three men were hauling brush to Back Field & burning it there.

Made baskets for a hour or two after luncheon. Out again from 2.30 to 4.30 cutting brush on hillside about orchard with Burbank.

Concord (Farm)

Ther Friday, April 9, 1915 Wea. Fine
 First Hyla

Sunny and almost uncomfortably warm with light southerly wind. Hoar frost at sunrise; clouds gathering at sunset! Grass showing green on banks, front of house. Wood Frogs in full cry all day & now at 8 P.M. Heard a Hyla peep a few times at 4 P.M.

Arriolos: Flicker, one shooting near house at sunrise & later; Tree Swallow, two, apparently mated pair flying about back house at kitchen place, 11.30 A.M. at sunset.

At 9 A.M. saw a large Cooper's Hawk, apparently ♀, fly low & downward over orchard, beating her wings almost incessantly like a Marsh Hawk & moving no faster. She barked repeatedly. This was a nuptial flight I thought.

Not many small birds about. 2 Fox Sparrows, 3 or 4 Song, no Juncos. Phoebe sang all day. Bluebirds in full. Spent most of day with Burbank grafting cold apple trees.

Cambridge-Concord

Ther 68° Monday, April 12, 1915 Wea Fine

Clear & warm with fresh westerly wind.

Garden birds: (8) Cedar birds hanging about all day (one dead one that had apparently flown against tel. wire found just outside Museum gate. At least 4 Robins, one singing freely. 4 Grackles bathing in pond. Jays screaming. Titlarks skimming.

Spent forenoon in Museum looking letters and my annual report of taxable property for the Cambridge Assessors. C. Mitchell and Town with Gilbert. She was back in time for lunch at Webster's. Had Miss. Balch. After with a lecture with Victor's music.

Gilbert & I started for Concord with Hubert & reached Town at 5:30. Stopping at Lexington for food & coffee. Turned bright green in places. Hyles in full cry. Walked to Beech Field before sunset. Robins singing freely.

Concord (Farm)

Ther Tuesday, April 13, 1915 Wea Fine

Clear & cool with light northerly wind. Ground frozen slightly early morning.

Awakening at daybreak. I opened two of the chamber windows & listened to the birds for half an hour. The chorus of Robin voices was much fuller than for two years past & almost normally so. These birds seem to have doubled in numbers since last spring. Song Sparrows sang freely for 4 or 5 miles. Crows cawing loudly at least 5 miles. Pheasants cawing in different directions, one close after another & then a long interval of silence. Later in day, heard a Chaffinch & a Grass Finch, singing several times. Also a Goldfinch in nearly full song & a Purple Finch singing brokenly. 4 Tree Swallows about house. Hyles peeping merrily, a few Wood Thrush.

Spent most of day out of doors. In forenoon supervised a digging current & grasshopper holes to be reported. In late P.M. walked to Beech Field & pursued them with them.

Found several Song Sparrows - almost higher - near Spring

Concord (Farm)

Ther Wednesday, April 14, 1915 Wea
Fine

Brilliantly clear with warm sun
but keen north wind.

Arrivals: Hermit Thrush (a tame, chattering
bird in Prescott pine), Brown Grackle
(one heard in orchard), Marsh Hawk
(seen courting over Bensen's pasture)

Very little singing except in early
morning & at sunset when there was
a full chorus of Robin voices with
Bluebird, Song Sparrows, Meadow Lark
Junco, Phoebe etc. Purple Finch
in full song near barn at 11 a.m.
Hylas peeping merrily at sunset.

Hypocissis & yellow daffodils in
bloom in the field, sunny meadows.

Four men hauling rocks from
ploughed land, Burbank & George
transplanting barberry & forsythia
bushes. I was with them most
of day. Walked down to Bensen's
at 5 P.M. & talked with family
about their farm and garden.

Concord (Farm)

Ther Thursday, April 15, 1915 Wea
Fair

Forenoon sunny; afternoon cloudy.
Chill N. E. wind blowing all day.

Few birds seen or heard. One
or two Robins singing at sunrise
etc., a Bluebird & Chaffin in forenoon.
Song Sparrows silent. Several
Juncos the only north-bound
migrants, Partridge drummed
twice about 3 P.M. at tin house
station on wall foot of run.
At 5 P.M. I heard indistinctly
what sounded like the hooping
of a Barred Owl in pines near
Pulpit Rock but it may have
been the tooting of a steam
locomotive that came north
plainly later from same direction.

Spent forenoon transplanting
barberry bushes with Burbank
& George; in afternoon set out
a lot of "grave yard" firds
with Burbank. Walked to
Back Field with Jim at 5 P.M.

Concord (Farm)

Ther Friday, April 16, 1915 Wea
Fair

Forenoon cloudy & chilly. Afternoon
sunny & warm. Light E. wind.

Arrival. Yellow rump Warbler (single
bird in top of big elm near house, chirping)

Birds scarce and for most part
silent. Robins sang a little at
early morn & Grass Finches (3)
in forenoon. In mid afternoon
a pair of Bluebirds spent half an
hour about bay on grape arbor.

The ♂ hovered in front of a with
his bill full of grass & finally
entered it remaining inside about a
minute. He kept up an abrupt
continuous & delightfully tender
silly note warbling. Both birds
retired in unison a low, sibilant
note something like Robins creaking one.

Spent entire day out
doors transplanting flowers
with Burdett's help. My
stepladder & spades returning from road.

Concord (Farm)
First Cabbage Butterfly.

Ther Saturday, April 17, 1915 Wea
Fair

Barré Owl. Clear, calm, warm. Most
spring-like day thus far this year.

No new bird arrivals. Not
many birds of any kind about but
such as there were singing freely
& delightfully - Robins, Bluebird, Chaffin
Song Sparrows, Grass Finch, Junco,
Meadow Lark, Flicker. Two Red-
shouldered Hawks screaming. Five
Tree Swallows flying from bay to bay
filling the calm air with their
joyous calls.

For the very first time since I
have known this old Barré place
it is without its breeding pair
of White-bellied Nuthatches. The
death & removal (last autumn) of
their favorite, by the in front of the
old barn may have caused them to
desert the neighborhood. I miss them sorely.

Spent day working on flower beds
front of house. Men put in water pipes.
Duke Dams called at 5 P.M. & we
had a good walk & talk.

Barré Owl kept a drum a drum. Barré Owl kept a drum a drum. Barré Owl kept a drum a drum.

Concord (Farm & village)

Ther Sunday, April 18, 1915 Wea
First Good Perfect

Brilliantly clear with fresh yet very warm, north wind; altogether a most delightful day.

No arrivals noted; comparatively few birds of any kind about the farm & these silent for most part.

Robins singing freely at sunset, however, and Phoebe in forenoon.

A few Hylas purring & on Garden Road trilling at evening.

Saw a large Goshawk Swallow.

Forsythia & blood root beginning to bloom; also a few hyacinths.

Spent most of forenoon in house writing letters. Mrs. Melvin called. She sent her car for me at 3.15 P.M. & with John Gilman joined me at the Colonial. We then motored to Cemetery & spent an hour there planning for planting Laurels etc. about Memorial. Home by 4.30. After that walked to Birch Field with Jim. Gilman motored to Cambridge after Bradford school

6.30. H. attended in digitation meeting in "Barn" of a Nation. I was absent. Last evening at "Barn" of a Nation.

Concord (Farm)

Ther Monday, April 19, 1915 Wea
Perfect

Brilliantly clear and very warm with light west wind. Vegetation advancing rapidly. Forsythia, blood root, daffodils, violets coming into bloom. Squirrels at their very best. Crocuses passing or gone. Gooseberries covered with rich green foliage.

No arrivals. No north bound migrants save a few juncos & one rusty Blackbird. Not much singing save by three Thrushes, shouting ceaselessly all day long. Phoebe sang a little, Robins well at sunset. Hermit Thrush in full song for half an hour (6-6.30 P.M.) in Birch Field.

Spent most of day out of doors with me. Lawrence's team with Bronson & his sons hawking barn for don yard. Bradford Scudder & Mrs. Farrer of Lincoln called at noon, Dr. & Mrs. John Allen at 4 P.M. Dexter came for walk at 6 & stayed until 10 P.M.

Concord (Farm & Village)

Ther Tuesday, April 20, 1915 Wea
First dandelions, Fine
" Tent Caterpillars

Clear and unconfined sky warm despite a strong N.W. wind. A few dandelion blossoms, Pinkalmond H. No arrivals, no north bound migrants saw a few juncos, comparatively few locally hilled birds & then silent for the most part - the "April lull" as Henry Purdie & I used to call it. Altogether this an unmemorably birdless spring thus far. The woods are almost totally barren of bird life & there is none too much of it about surrounding lands.

Spent most of forenoon out of doors supervising the regrading of our door yard. Harris began cementing the cellar this morning. In afternoon I motored to Speary Hollow to see Mrs. Mansson & then to Shirley Hill Nursery to buy 100 mountain laurels

Concord (Farm)

Ther Wednesday, April 21, 1915 Wea
Fine

Clear & cool with strong north wind. Tulips beginning to bloom. Bees out. Lots of Tent Caterpillars tiny nests in some cherries. Harvest from first last evening.

Arrivals

Solitary Vireo ♂ & Pulpit R. woods, P.M.
Sapsucker ♂ ad. digging wells, kitchen, kitchen pl.

Birds scarce & silent for most part. House Finch in full song. Blue Field 6-6.30 P.M. Jays. Titmouse shouting all day. Robins severely silent. Phoebe song a little. Only 3 Juncos seen about the place.

Spent entire day out of doors with the rearm. They hauled loams, dug a trench for new seats drawn, dug a lot of shambles on kitchen floor for transplanting etc. Harris & his men cementing cellar.

Concord (Farm & village)

Ther Thursday, April 22, 1915 Wea Fair

Forenoon sunny & calm. Afternoon cloudy with strong southerly wind. Hard freeze last night & grass fields white with hoar frost early this morning. Drought increasingly severe. River low, many swamps bone dry, forest fires raging in every direction (one is said to have incased the Carville pines yesterday)

Arrival

Pine Warbler 1x. Parula 1x in Sleepy Hollow Cemetery

Continued scarcity of common birds. H. T. Richardson tells me he has seen only one Red-wing & no Fox Sparrows, this spring. Heard Sitta canadensis in E.M.

Spent entire forenoon at Sleepy Hollow Cem. Superintending planting of 100 mt. laurels near Mel. Mem. Motored there again at 4 P.M. Did little or nothing at Farm.

Concord - Cambridge

Ther Friday, April 23, 1915 Wea Fair
First cherry blossoms (Cambridge)

Forenoon cloudy with light sprinkle of rain before 8. Afternoon sunny. Warm all day. Wind south.

Arrivals

Barn Swallow 1 flying at Farm, 11 A.M.
Field Sparrow 1x. Blue Jay 1x. Flicker 1x.
White-throated 1. Farm lane
Birds more numerous & singing freely
25+ juncos in orchard, 2 Chickadees,
2 Purple Finches, Meadow Lark seen
Harris' Sparrow, another in Lawrence's field.
2 Chipping & 3 Song Sparrows.

Spent most of day working with 3 men transplanting shrubs from Petcher's place to Farm. They were bought of Houlford about 10 years ago & have not been moved since.

Gilbert & I left Farm at 5.07 & reached Cambridge at 6.15. Saw 6 Robins in Bedford & (22) Red-wings in Lexington.

Found C. & E. R. S. at home. Former came from Bethel to-day, letter from Springfield.

Cambridge - Boston

Ther Saturday, April 24, 1915 Wea
Dull.

Cloudy with chill east wind.

Garden birds: Robin (one on lawn),
Cedar birds (flock of 22 perched in
hackberry tree in jungle) Brown Grackles
(6 or 7 flying over & 4 on lawn), Crow
(8 together, flying low) House Sparrows
not more than 3 or 4.

To Boston at 11 a.m. At office
from 11.30 to 2. Almost nothing
to do there. Called on Mr. Bennett
at his office. Lunched at Marston's.
Thence to Follen, Fisk & Rawson's
where I bought seeds, feathers etc.
for 75 cents. Met De Merritt there
We left together & walked thru
to Scopley Square where I took
cab for Cambridge. Reached
home about 4 & wrote letters
until almost supper time.

Victrola music this evening.
The two little dogs, Jim & Dante,
are becoming great friends. It is
pretty to see them at play.

Cambridge.

Ther Sunday, April 25, 1915 Wea
Fair

Forenoon sunny, calm & almost too warm
for comfort. Afternoon cloudy with chill
easterly wind.

Garden birds: Robin (♂ & ♀ on lawn,
♂ singing at once & then other bird calling,
two on Hurdwood Post). Cedar birds
(four in jungle eating hackberries).
Ruby-crowned Kinglet ♂ & ♀ together in
leaves (the ♂ in full song & with flame
colored crown patch so exposed &
spread that it seemed to cover almost
the entire top of head). Brown Grackles
& Crows flying over, House Sparrows
(only four or five).
C.

Met C. at St. Johns 10.40. Good
sermon by Dr. Hodge. Robins &
Crow Blackbirds in Longfellow's place.
Mrs. Sawyer & Miss Allen dined
with us. I wrote letters, after they
departed & received Dr. Janette whose
advice I sought, because of persistent
trouble with my nose. Took
Vaseline ointment by evening. Took
bathing in hand from J. Museum.

Cambridge & Concord.
Alva Coolidge died at Upton, Me.
Ther Monday, April 26, 1915 Wea

Fine Cherry & plum blossoms Fair
at Concord.

Partly cloudy, mostly sunny. Heavy
thunder shower 4:30 P.M. Intensely
hot & sultry in early afternoon.

Arrivals

Yellow Warbler ♂ & Concord bridge - Dyer bro
Locust flycatcher - hd. " " " " "
Purple Martin " " " " "
Ruby-crown Kinglet. ♂ & Berry Pasture
" " " " ♂ & Cambridge Garden

Gilbert & I with "Luna" motored to
Concord this morning (9.20 - 10.27)
via Lexington & Bedford. Near
Concord bridge passed within 20 yds
of oak. Broad-wing Hawk perched
about 8 ft. above ground in maple at
edge of meadow (river), flock of
50 ♂♂ Red-wings in field (Dorchester)
Smith Dexter came down to
dinner. After it we walked to
Bank Field Saw 2 Herons in
juncos near Palph. Track. Solitary walk
thru. Berry Pas. at sunset. Ruby
crown bringing hawk with purple
across trail in sun.

Concord (Farm)

Ther Tuesday, April 27, 1915 Wea
Fine Bat Fair

Forenoon sunny & oppressively warm
with light westerly wind. Afternoon
cloudy & chilly with strong E. wind.

Arrivals

Black & White Creeper ♂ & in sun, 8 a.m.
Bat. One in shed left (None there yesterday)

Great chorus of Hylas & Garden Frogs
last night & this in pond in Berry
Pasture. Hylas equally numerous in
pond. Below orchard but no Frogs there.
Both species in normal abundance now.

Spent most of day out of doors
above about house. In afternoon
men. Harris & assistant country
found encircling boulder front
of house. Beak & Toph handling
stones to it. Mowson & Sam drilling
& beating them. Walked to
Berry Field at evening. Mrs. Melvin
came down for a talk in forenoon.
Harry & Alice Bartlett around at
7 & left at 9 P.M.

Concord - Cambridge.

Ther Wednesday, April 28, 1915 Wea
"We Dine at Rand's" Dull.

Cloudy with chill east wind.
Light sprinkle of rain after dark.

Spent most of forenoon
planting small mountain
lavender (bought of Shady Hill Nursery)
along a wall at edge of
Pulper Rock woods. Not many
birds seen or heard.

Left Farm at noon and
routed to Cambridge, reaching
there at 1.15. Lunched with
C. & E. R.S. Spent afternoon
writing letters. Saw Robins & a
Jay the only birds noted on
our grounds.

To We Dine at Ned Rand's
at 7 P.M. Enjoyable dinner
except Barbara & Bert.
Usual good dinner & get
home by 11

Cambridge - Concord.

Ther Thursday, April 29, 1915 Wea
Shad bush in full bloom. Fair

Forenoon cloudy & misty with
light, cool easterly wind. Afternoon
sunny, warm clear & pleasantly
warm.

Arrived (Concord)

Home Wren $\hat{\sigma}$ near house 1.3 P.M.
Kingfisher - Heard at Farm

Left Cambridge at 9.25 A.M.
and routed to Concord via
Waverley, E. Lexington, Lexington
Bedford & Carlisle Bridge.
Saw Robins scattered all along
the way. Just after entering
Bedford Swamp saw a very
small $\hat{\sigma}$ Broad winged Hawk
fly from a log over a shallow
pond by the roadside to a
higher perch in a maple.

Spent most of afternoon
transferring large black sparrows
from Brick Field to Berry Pasture
Found Phoebe's nest, 5 eggs,
near well house. Bird absent.
One abnormally large & blue eyes.

Concord (Farm)

Ther

Friday, April 30, 1915

Wea
Stormy

Raining all day long, at times
very heavily. Thunder shower
in forenoon. Strong, chill N. E. wind

Very few birds seen or heard.
Robins singing well at day break
at least three pairs building nests
one on Burbank's piazza,
another on step ladder in our
wood shed, the third in a
wild apple tree in Berry Pasture.

Saw a single Yellow-crow in
top of tall elm. Pheasant's
nest by well house. had one
more egg - but in all.

Spent most of day in house
writing letters & cheques.

Harris & his men began on pond
but work driven in days by rains
& cold driven through wood shed.

Left & George Carver's brush in
Berry Pasture. (Frank Holden gave
me by Gilbert). Burbank did
some carpenter work.

Concord (Farm)

Ther

Saturday, May 1, 1915

Wea
Dull.

Cut first asparagus.

Cloudy with piercingly chilly
N. E. wind. Heavy rain through
last night, clearing before day break

Arrival

Yellow Palm Warbler. Two heard
chirping near at hand, one in our
tree, other in Rudolph Peterson's pasture

North-banded Kinglets

2 Ruby-crowned Kinglets, one
White-thr. Sparrow, one Junco.

Starling & juncos in apple tree
near Bigelow's Brook (R. Peterson's)

Robin building on road pile in our
wood shed having abandoned step ladder
because it was raised yesterday.

Spent most of day transplanting
trees etc. In forenoon dug a lot
of ground junipers & fern coverlets
in Rudolph Peterson's pasture.
In afternoon dug culms by roadside
Gilbert transported to Cambridge to
talk C. with Boston.

Concord (Farm & Ball's Hill)

Ther Sunday, May 2, 1915 Wea
Fair

Most of forenoon sunny, of
afternoon cloudy. Rain at
evening. Rather cool all day.
Very little wind

No arrivals. Few local birds
* very little singing by them.
a ♂ Ruby-crown * 3 White-throat
sparrows *; a Yellow-rumped Warbler
& a few juncos the only north-bound
migrants.

Pheasant's nest near well house had
6 eggs yesterday at 4 P.M. and 8 eggs
at same house to-day.

Plum trees & cherry trees in full
bloom. A few dandelions do.
Apple blossoms almost out.

Edwin De Merritt arrived at
11.30 a.m. in a motor car with
two friends. They departed at 12.45.
He stayed over night. We walked
to Beech Hill, Ball's Hill & Kaldwin
Hill in P.M. Sat up late by porch
for talking over early shooting days.

Concord (Farm)

Ther Monday, May 3, 1915 Wea
Dull.

Cloudy with occasional brief
in breaks of sunshine in forenoon.
Light, variable winds, mostly easterly
and westerly. Cool. Rained all
last night. Ground thoroughly soaked.

Arrival

Lowher. One heard calling near house
and in Berry Pasture.

Continued scarcity & general absence
of local birds: a White-thr. Sparrow
and flock of a dozen juncos the
only north-bound migrants.

2 Partridges drumming all day in barn
one in doorway just near road,
the other on stone wall station.

Julius now at base, making beam
short; also ground work

Spent day with boys cutting brush
in & about, but found near Petcher place
& burning it there. Mr. De Merritt
left at 7. Mrs. Melvin called 3 P.M.

Conecord (Farm)

Ther

Thursday, May 6, 1915

Wea
Fine

Clear & warmer with light W. wind

Arrivals

Nashville Warbler. ♂ in barn 8 a.m.

Black thr. Green. ♂ in Pulpit R. " "

Bank Swallows heard at sunset - Farm

North-bound migrants

Peabody bird 1 x. 1. Sapsucker ♀ ad.

Local birds

Chippie more numerous, 2 Swifts

2 Robins singing on dog bench.

Down coming near head of run.

Horned Lark whirring - Bird Field

Spent a busy day out of doors near farm house supervising work of eight men. Harris & helper finished pond & drain in shed.

Manson & son digging & beating rocks.

Left ploughing, Lawrence's man ditch.

Backbone & George doing various things

Expected Chas. W. Townsend family 19

Spent night but they did not come.

Conecord (Farm)

Ther

Friday, May 7, 1915

Wea
Fine

Sunny & warm with southerly wind light in forenoon, strong towards night with increasing cloudiness & rain after dark

Arrivals

Down bird ♂ in barn 8 a.m.

Usnea Warbler ♂ in barn " "

Yellow-throated Vireo ♂ towards Harris 8 a.m.

Bank Swallows. Heard at 4 P.M.

Bobolinks 2 ♂♂ at 2 & 4 P.M.

~~Yellow Warbler ♂ in barn 8 a.m.~~

North-bound migrants

Sapsucker ♀ ad. oak grove near of barn

Peabody birds - 8 in garden

Swift ♂ towards Harris, place 8 a.m.

Local birds singing freely through day. Robins, Bluebird, Chippie, Purple Finch, Field Sparrow, Brown Thrasher etc. Two Swallows (S) flying about barn with happy calling. Two Robins in full song. W. br. Nuthatch also.

Spent day out of doors near house. Men ploughing, setting out strawberry plants, grape vines etc.

Ther Saturday, May 8, 1915 Wea Fair

Forenoon cloudy; afternoon sunny. Warm with light westerly wind. Raining heavily all last night to 6 a.m.

Arrivals

Chestnut-sided Warbler 2*
Crested Flycatcher 1* near home, day birds
King birds: Burtons pastured.

North bound migrants

Yellow rump Warbler 7 or 8 one*
Peewee bird 1x.

Local birds

2 Brown Thrashers (Farm & Burtons)
2 Least Flycatchers " " "
2 Bobwhites " " " " "
Singing freely all day by Purple T.,
Chaffin, Bobwhites, Meadow Lark,
Robins, Peewee bird, Blue Jay, Green
& Nashville Warblers etc. Partridge
drumming. Bellows pumping at no. towards
Dallens Hall.

Spent most of day contemplating
flowering plants. Walked to Burtons
at 8 a.m. with Jim. He killed a big
Woodchuck in Rivin place on way back.

10 Ther Sunday, May 9, 1915 Wea Fair
Apple trees in fullest bloom.

Clear and warm with high N.W. wind. Cool at evening.

Arrivals

Cat bird, ♂ singing in Forsythia bushes
front of house at sunrise & through most
of forenoon. Two together (presumably mated
pair) there at 3 P.M.

Baltimore Oriole 2 ♂♂* in elms near
house sunrise to noon day.

Red-eyed Vireo ♂* Pulpit R. woods 10 a.m.

Black-throated Warbler ♂* " " " "

No north bound migrants noted.

No marked increase of local birds.
Trees & delightful singing all
forenoon. Bird music everywhere.

Shortly after breakfast Burtons
& I went to Birch Field to dig
some pines. I had intended to
leave them at Gallups on way to
Camden etc but gave up trip for
Mrs. Melvin came at 10.30 to
consult me about her will & then
Stones & Mrs. Emerson came at 4
for a friendly call.

Saw a young Mallard about 11/2

Concord (Farm)

Ther Monday, May 10, 1915 Wea
Fine

Clear & cool with high N.W. wind

Circus a

Golden wing Warbler ♂ (heard only in barn)
Black & Yellow " ♂ seen Birch Field
Swainson's Thrush. Peck note, " "

No north bound migrants other than those just mentioned.

No noticeable increase in local birds. They were mostly silent because of the strong, keen wind.

Apple orchards in fullest bloom, a few petals falling. Dandelion bloom about at its height.

First Ireland hoppers. Grass and plants still in prime. Tulip past it (after making a brown show for our two weeks)

Spent day out of doors near house with Bushnell. It transplanted many flowering plants & worked beds. Walked to Birch Field with "Jim" at camp

Concord - Cambridge - Boston

Ther Tuesday, May 11, 1915 Wea
Fine

Clear & cool with light northerly wind
Arrival (at Concord.)

Warbling Vireo. ♂ in big elm

Birds in our Garden, Cambridge.

Robin (♂♀), Ruby-crowned Kinglet (1 ♀, apparently),
Brown Thrasher (1, silent, on ground in jungle),
Nashville Warbler (♂, in willow by Mus. gate),
Magnolia " (♂), Chestnut-sided Warbler (♂♀),
White-throated Sparrows (1) Jay (1) Cross
Blackbird (♂♀), Chimney Swift ↓.

Gilbert & I left Farm at 9 a.m. & reached Cambridge on home train, passing down via Bedford, Lexington, & Lexington & Townley. Saw Broad-wing Hawk in Bedford Swamp, Solitary Sandpiper border Shawheen River.

To Manhattan Market 10.30. Met Mrs. Potter there. Then to Boston. At office 11.30 & 4 with big absence. Met Judge Abbott there. Saw Arthur B. & Ann others. Took 1000 City Express parcel from Safety Vault & took it to pay for 100 the pay & 20 the com. Manhattan Street Home by 4.30. Gardening with Percy until 6. Am spending evening by study fire.

Cambridge - Concord.

Ther Wednesday, May 12, 1915 Wea
 by way north Concord out Fair

Sunny but densely hazy & cloudy also
 in late P.M. violent westerly wind.

Birds in Garden: Robin (♂♀), House
 Wren (♂♀), Magnolia W. (♂♀), Redstart
 (♂ ad ♀), Maryland Yellowthroat (♂♀),
 Water Thrush (1 by pond), Purple Finch (1 ♀
 in well by museum gate) Rose breasted
 Grosbeak (♂ in ♀ in juniper) Oriole
 (1 heard apparently in Sp. in place)
 Browned Grackle (♂♀), Blue Jay (1 heard)

Left home at 9:05 A.M. &
 motor to Concord via Haverhill
 near pond East by way of Bedford.
 Stopped at Buck - Robinson nursery
 to buy six Arachis & a few lesser
 plants. Reached Farm at 10:30.
 Spent most of day in house
 working. Men harvesting, planting
 getting out seeds. Harris & man
 building wall around well across
 road. Bushes cut by high wood
 Sam White. Covered Sp. in wall
 near Biggs' place. by way north
 Concord out.

Concord (Farm)

Ther Thursday, May 13, 1915 Wea
 Fair

Forenoon - sunny calm, very warm.
 Light thunder storm at noon. Several
 thunderless showers in P.M. Calm
 then with light westerly wind.

Arrivals

Tennessee Warbler ♂ ♀ near Barn 11 A.M. Not seen
 Maryland Yellowthroat ♂ ♀. Berry Pasture
 Scarlet Tanager ♂ ♀ near House all forenoon.
 Indigo bird ♂ ♀ " " 11 A.M.
 Yellow billed Cuckoo 1 ♀. Berry Pasture.

Starling, ♂, seen, on top of elm at S.
 end of house at 8 A.M.

Local birds numerous & singing freely.
 House Wren 1 ♀. White thr. Sparrow 1 ♀
 the only north based migrants noted.
 Besides Tennessee Warbler.

In forenoon Burbank & I loaded
 & rolled the big Zenais beds. In
 afternoon we transplanted a
 lot of flowering plants. Harris
 finished wall work & began break
 well near of house.

Concord (Farm)

Ther

Friday, May 14, 1915

Wea
Fair

Clear and cool with light E. wind.

Arrival

Black-poll Warbler ♂ & ♀ clear new comers.

This was the only north-bound migrant noted except one Worm-eater.

Local birds

In, about normal numbers except Robins of which we have no more than 3 breeding pairs & the Swallows represented by only two. Song Sparrows also are unusually scarce. I hear only one singing now.

Apple blossoms falling fast & many trees almost denuded of them.

Spent day out of doors near house supervising work of men. They were mostly working flower beds & digging out rocks.

Concord (Farm)

Ther

Saturday, May 15, 1915

Wea

Muskat in pond, Berry Post Fair

Clear and cool with light N.W. wind. White frost in low meadows.

Apple blossoms shedding fast. Oaks in blossom & covered with tender foliage.

Gypsy larvae showing plentifully in spots.

Arrival

Wilson's Thrush 1 calling; Berry Post, sunset.

Black-bellied Cuckoo 1 calling " "

North-bound migrants. Same
Tennessee Warbler ♂ & ♀ seen at 3 P.M. Oaks real green.
Black-poll " " ♂ & ♀ clear new comers.
White-thr. Sparrows 1 in

Local birds

No marked increase. Robin laid her first egg 11 a.m. nest on wood pile in shed. Robins, Orioles, Grackles, Red eye, Yellow Thr. & Solitary Tanager, Chaffers, Cuckoo Fly. Chubs, Towhees & several Kinglets singing all day.

Spent day near home supervising work of men, trans-planting etc. Walked through Berry Post at 6-6.30 P.M. Saw a big muskrat swim across pond there.

Concord (Farm & Ball's Hill)

Ther Sunday, May 16, 1915 Wea
Red Squirrel. Fair.

Forenoon sunny, afternoon cloudy.
Cold N. E. wind all day.

Arrival

Loon. its laughing outcry heard twice
in quick succession & with startling
distinctness as I was standing near
our barn at 11.30 a.m. The
sound came from eastward, in doubt
from a bird on wing mig. northward.
I looked for him in vain, however.

North bound migrants.

Several White-throated Sparrows, a
Tennessee Warbler & in oaks behind
barn, 2 House Wren.

Local birds

No change for several days past

Walked to Ball's Hill & back
via Bird Field & Benton, in A.M.
(9.30-11.30). Birds scattered
sparingly every where & singing
faintly. Doves bright by recent
frost. Heard a Red Squirrel near
Benton Spring (only one this year)
Spent afternoon in home working
lumber & boxes.

Concord (Farm)

Ther Monday, May 17, 1915 Wea
Stormy

High N. E. rain storm lasting all day.

No arrivals. Few north bound migrants
Tennessee Warbler singing faintly in oaks
behind barn through day. One adult
White-throated Sparrow. Golden winged
Warbler heard in Berry Pasture.
7-collared (2) shouting ceaselessly.
Not much singing on part of
other local birds: Sixteen Bees in
shed loft. Robin's nest on woodpile
in shed had 3 eggs.

We had intended to begin
praying this morning but the
rain prevented. George worked
out of doors despite it, Lyle &
Burdock in the barn preparing
posts for a new bar way at
head of lane. Harris & his men
came down & worked at laying
a brick side walk to head house
until driven in by rain. I wrote
letters & chapters for bills.

Concord (Farm)

Ther Tuesday, May 18, 1915 Wea
Apph orchard sprayed. Fair

Partly sunny, mostly cloudy. Calm
& rather warm.

No arrivals. North-bound migrants
Tennessee Warbler & oak behind barn

Lincoln " " " " " "

No noticeable increase of local birds.

Strange to say they sang but
little despite the calm, warm

weather. We have apparently only
3 pairs of breeding Robins, one
nesting on wood pile in wood shed,
another under Bunglows piazza,
the third in a cedar near back house.

There are two pairs of Wrens, four
pairs of Tree Sparrows, no Bluebirds,
one pair of Orioles, two or three pairs
of Chipping, one pair of Song Sparrows,
one of Phoebe & another at Ricketts place

Spraying all day. Duren & George
with power sprayer, Busbark, Zeph
& I with hand power one. We
devoted most of our attention to
apple & other fruit trees. Hours
& more laid brick walk at Bunglows.

Concord (Farm)

Ther Wednesday, May 19, 1915 Wea
Fair

Clear & cool with strong W. winds.

No arrivals saw Black-throated
Blue Warbler & in Cedar Park. Other
North bound migrants were Blackpoll
1 & 2, Tennessee & all day in oak
behind barn, White crowned Sparrows
heard at How's flower garden seen
by Mrs. & Mrs. Robbins (of Onset),
A Brown Bald Eagle seen by Mrs.
Mrs. Robbins soaring high over our
Berry Pasture at 10 AM.

Yellow Warblers, noted at Concord
village on Apr. 26 by Dexter, appeared
here for first time to-day when
a ♂ was singing near our house
& another at Ricketts place
Chimney Swifts very scarce. I
see no more than one daily.
No Whippoorwill heard as yet.

Duren came down to spray but
break his pump, the first thing. Gullies
to be mended. Other tools to be mended.
Mammals are used very hand power one.
The nest on wood pile all P. M.
Mrs. & Mrs. Robbins came down at 10 AM
but could not see their chance any other

Boncorel (Farm)

Ther Thursday, May 20, 1915 Wea
Fine

Clear & cool with fresh N. W. wind
Heavy frost in lowlands last night.

Arrivals

Herring Gull. ♀ on tulip front of house
7 a.m., ♂ on Columbus near barn 9 a.m.

North-bound Migrants

Tennessee Warbler ♂: 7-8 a.m. in trees
over road south of big elm, Union
Warbler 1 ♂, White thr. Sparrows 2 (1 ♂)

Local birds

No marked increase but
Chestnut Side Warblers apparently
more numerous than heretofore.

Spent most of day in the
woods with Bushy Woodpecker
bushes & low trees along creek beds.
He worked the juniper & the
spray pines. Gypsws fed in spots
but not generally dispersed.
Only a few tame & fence birds.

(D after reports (by tel) 2 Bell's
Throats, 1 Canadian Warbler, 1 Tennessee
1 Red-bellied Nuthatch, 1 early bird woods
to day)

Boncorel (Farm)
Marsh Hawk killing Chukkers.

Ther Friday, May 21, 1915 Wea
Dull

Light cloudy with light easterly to
southerly wind. Rather warm.

Arrivals

Yellow-bellied Flycatcher 1 ♂ calling fee-e &
occasionally uttering che-lot song note in
west part of run near Cedar Park.
Water Thrush ♂: in same locality.

It was thronged with Warblers of
several species, ~~most~~ apparently north bound.
Among them were ♂ & ♀ Black-throated
Blue, a Magnolia, several Parula,
Black-throated Green, a Black-burnian,
a Redstart, a Nuthatch & a ♂ & ♀ Golden
wing (lytens bird well seen). There
was also a Swainson's Thrush &
a busy. This was literally the first
flock of migrant warblers that I have
met with here this month. I saw
none elsewhere to-day. Local birds
singing freely & delightfully at all
times. flashing air with their music.
Bushy Woodpecker no food & wing of 10 a.m.
Marsh Hawk caught about a week ago
by Jas. about Boncorel in that trap
killed last dead Chukker in Berry Tree
& Bushy Woodpecker.
Spent all day with Duren in Berry Tree
& Bushy Woodpecker.

Concord (Farm)

Ther Saturday, May 22, 1915 Wea
Heavy flight N. wind suggests Dull.

Mostly cloudy with some sunburn
in forenoon & light rain in late P.M.
Oppressively warm & humid with strong
S.W. wind.

Arrivals

Cedar birds ② perched in laurel frame
of house, fly catching.
 10 incoln's Finch. 1 x singing Hawk Wren-bills
 Song (very like Wren's but more hoarse &
subdued) in T. way then uttered front
of house. Tried in vain to see the bird.

Was seen also with migrating hawks for
the entire length at 8 a.m. Down birds &
Black & White Cuckoo most numerous.
One Magnolia & one Black-throated Blue.
Several House Wrens. Chipping Sparrows
everywhere. Local birds also in great
numbers than yesterday. Every thing
singing like usual whole forenoon.

Delicious bird music in continuous flood
coming from far & near.

A broken day. I did little work, but
I am glad about constantly enjoying
the beauty of song & the beautiful
scent of bird voices. Mr. & Mrs.
Dudley Pickman called at 6 P.M. I took
them all over the place.

Concord (Farm & Ball's Hill)

Ther Sunday, May 23, 1915 Wea
Clear

Clear & cool with high N.W.
wind.

No arrivals. Only north bound
migrant a Canadian Woodpecker in
our yard where it does not breed.)
Two House Thrushes singing in
Back Field at 11 a.m., one
singing on Blackman Ridge by house
at 6 P.M. Got down from Beech Road
singing (Cutter) & Bell's pumping,
in Great Meadow.

All trace of sun by wave of
north bound migrants here yesterday
vanished. They must have perched
on last night. Local birds as
numerous as yesterday but not
singing freely.

Mr. & Mrs. Robbins with Prof. Weston
came down by apt at 10.30. He
went through most of farm woods.
Dinner came at 5 P.M. I walked to
Ball's Hill with him to see about spraying
the Syring & Beech tail conditions and
these

Bowcord (Farm)

Ther Monday, May 24, 1915 Wea
Sudden influx of Starlings - Mixed.

Forenoon: Sunny & warm & calm.
Afternoon cloudy with sprinkle or rain.

Arrivals

Wood Pewee 1 near house all day 1/2
near Bassett Spring at 9 A.M.
Whippoorwill 1 near house 7.30 P.M.
Night hawk 1 perching " " 7.15
" " 1 seen last eve. (Gambel - Dexter)

North-bound migrants

Ruby-crowned Kinglet ♀ in Birch Field
Magnolia Warbler ♂♂♂ ♀ in lawn
Canadian " ♂ " " "
White-throated Sparrows 1 ad, 1 juv near house

Starlings. About 9.30 A.M. I heard odd
grating cries coming from our own pasture. They
were uttered by Starlings 5 in number ♂ & ♀ ad
with 3 young only just able to fly. During
remainder of day these birds kept coming &
going slightly on ground in pasture & in
trees bordering it, uttering their grating cries.
Once I saw 7 together after 4 or 5. They were
very & restless. Flew off S.W. & back, always
following same line of flight.

A rather idle day for me. Spent most
of it out of doors rambling about enjoying
of general beauty of woods growths &
abundant ferns. Went through Berry Pasture
& down to U. Spring 8-10 o'clock. Stayed
near house in P.M. transcribing a few
clippings.

Bowcord (Farm)

Ther Tuesday, May 25, 1915 Wea
Fine

Clear and warm with light S.E. to
S.W. wind.

Woods now well screened with foliage.
Maples, birches, elms and all oaks except
white, in nearly full leaf. Butternuts
& dandelions blossoming together, the former
just beginning, the latter past their best.

No arrivals. Canadian Warbler the
only north-bound migrant except a
single Swainson's Thrush. Local birds
numerous & singing freely. (4) Starlings
in our pasture.

Spent most of forenoon working
gardening work near house. Fox and Tyler
came out 10 A.M. We walked to
Berry Field & back along the River
but noted nothing of interest. They
had heard the Juncos in Slopy Hollow
this morning.

John Tyler & Group to Berry Pasture
after dinner. For spent afternoon there
sitting & feeding close for pasture.

Concord (Farm)

Ther Wednesday, May 26, 1915 Wea
Stormy;

Dark cloudy all day. Raining breakly
from 11.30 a.m. to 6.30 P.M.
Cool with strong S. W. wind.
Sky clear at 11, sun shown out & wind
came rushing from N. W. just before
sunset.

No arrivals. A ♂ Black poll Warbler
near house was the only north bound
migrant noted. Local birds not
much in evidence & not singing
freely, doubtless because of the
gloomy weather. The Robin has
been sitting on her nest on woodpile
in our shed ever since the 18th she
has become so tame that I pass her
within a few feet. Yesterday she chased
& pecked at a Gray Squirrel that seemed
inquisitive about her nest.

Spent forenoon at head of Pan
mep road & in Berry Pasture, where
Burbank, Zeph & George cut & fed
a lot of beavers & plus for jacks.
Spent afternoon on house writing letters.

Concord (Farm)

Ther Thursday, May 27, 1915 Wea
Ice thick as window glass Fair

Clear & cold with e.ging N. W. wind.
Ice as thick as window glass at Duran's
place in Carlisle. George reports it at
his shack at Ketchin place. No damage
to any of our vegetation at the farm.

Birds silenced & driven to cover.
Few seen & still from heard. No
north-bound migrants noted.

Mrs. Melvin & I had arranged
to motor to Bancroft this forenoon
to lunch with C. who, however,
telephoned about 9 a.m. that she
was not willing to have us risk
exposure of long ride against the
fair crop north west wind. It
blew a long gale all day
despite which I did a lot of
spraying of cherries with one hand
appeared in P.M., Burbank
working the pump. In forenoon
we cut the grass in front of house.
Our little wild Geese that was
feeding on lawn near pond at supper time

Concord (Farm & Balls Hill)

Ther Friday, May 28, 1915 Wea

Clear & cool with easterly N. W. wind. It looks thousands of well grown young leaves from exposed tree tops & I turned ground & water with them thickly. Because of a few birds sang freely & left at early noon & towards sunset when it was least violent.

A ♂ & ♀ Black jacks at Balls Hill the only north-bound migrant noted.

Spent day at Balls Hill noting down at 8 a.m., walking back via Davis Hill at 4 P.M. I wasted most of my time in supervising spraying operations conducted by Duesen's man, with George & Newbank. They began at east end of hill & sprayed them to the old log cabin way through.

The cabins & surrounding look rather neglected & forsaken. Most of the flowers are dead. Not many birds. No bees or bees. A few Red wing, Song Sparrows, 1 Red eye, 1 Cowbird etc. Richardson called at 3 P.M.

Concord (Farm & Balls Hill)

Ther Saturday, May 29, 1915 Wea
7:00 am

Clear & cool. Calm in early morning; fresh N. W. wind in forenoon; chill N. E. wind towards evening.

No north-bound migrants. Migration apparently nearly if not quite ended. Local birds as a whole in normal numbers & variety except Bobolinks which are scarce & their kind and Wilson's Thrushes which are almost wanting.

Indeed I am not sure that any of the latter are established anywhere in our woods as yet, even at Balls Hill, ~~at least~~ thus far I have heard only one sing & hear but over.

Bees & Jays, mostly west of house, foraging heavily in a gate where the cart road enters field from house. Everything went wrong with insects. As I was with them Mrs. Malvin, Mrs. Hoffmann & two other ladies arrived to buy for investigation for weather. I gave them leave to look all they wanted & they almost filled the car. Moved to Balls Hill after dinner. Drove spraying there

Concord (Farm & Dr. Emerson's)

Ther Sunday, May 30, 1915 Wea Fine

Clear & pleasantly warm with light westerly wind.

No north bound migrants. Local birds apparently all here & settled for season, for they were just in normal numbers & variety. Wilsons Thrushes, however, seem to have totally disappeared.

Shortly after breakfast I went with Bascomb to all the recently grafted apple trees to spray the tender young leaves on the grafts. These are especially sought by Gypsy & other caterpillars.

After that rambled through woods to Bird Field looking for badly infested foliage. Returning to house wrote letters for two hours.

Returned to Cal. at 1 1/2 hours at the Emersons' with Mr. & Mrs. at 6.30. Stayed until 3.30. Mrs. Mrs. Hayes, Malcom Hayes & John Gilman came while I was there. Back to farm by 4. Rained about 7 & watering plants all

Concord (Farm)

Ther Monday, May 31, 1915 Wea Fine

Brilliantly clear & delightfully warm with light easterly breeze. Bullcups in full bloom. Dandelions gone to seed. Iris is beginning to bloom.

Nighthawk perching at evening. No other north-bound migrants noted.

Local birds as far as yet for days.

Chippys nest 4 eggs. Yellow Warblers, 2 eggs.

Swoop breaking dead twigs off elm.

Blue jays venturing near & near house in quest of birds' eggs, uttering the low chuckling notes peculiar to such times.

Four or five Robins chosen 4 of them from one orchard early this morning, I know of at least 2 of Robins nests plundered of late presumably by Jays, then sitting, one in orchard.

Heard Red Squirrels in tree near foot of cone. The half grown wild Rabbit came out at evening as usual to feed in yard.

Spraying all day, by elm near house in A.M., balls in rows near Cedar Park & elsewhere in P.M. Bascomb & I worked the tree outfit. Jays & Warblers still present.

Heard Red Squirrels in tree near foot of cone. The half grown wild Rabbit came out at evening as usual to feed in yard.

Spraying all day, by elm near house in A.M., balls in rows near Cedar Park & elsewhere in P.M. Bascomb & I worked the tree outfit. Jays & Warblers still present.

Concord (Farm)

Ther Tuesday, June 1, 1915 Wea
R. H. Dana arrived.

Brilliantly clear & apparently
warm with light, variable
winds, mostly easterly.

No north-bound migrants noted.
Local birds evidently all here
& settled for the season. Wilson's
Throats apparently wholly absent.
Brown Thrasher in full song at sunset.
Tree & general singing of most
birds all day long. Here Pheasant
still are met by well houses at
6 P. M. She began setting on June 5.
Since then I have visited nest
almost daily & never once found her
off. Cock Pheasants mostly silent
now.

Spent forenoon in flower garden
with Beak & Jeph. He worked
mostly in trimmed beds etc.

George & Walter sprayed lawn &
big ones. Dick Dana arrived at
3.45 to spend night. He walked
through Bush Field & Berry Pasture in
last P. M.

Concord (Farm & Ball's Hill)

Ther Wednesday, June 2, 1915 Wea
Fine

Sunny but hazy. Very cool with
chill N. E. wind.

White-throated Sparrows in very dull pl.
feeding in road near our house. No other
north-bound migrants noted. Four pairs
Tree Swallows nesting in boxes at Farm,
three pairs in Benson's pasture.
Song Sparrows nest, 5 eggs, in Pine Park
very effectively hidden under tuft of
Andropogon grass.

Snails continue scarce but I have
seen one each of four species (Milk Adder,
Gardens, Green & De Kay's) this spring.

Dick Dana had disturbing news from
home this morning as Mrs. Dana had
just had a chill & high temperature.
He decided, however, to stay on here
through forenoon. He walked to
Ball's Hill via Benson's & back via
Holden's Hill where on Jan 2 young
Red-throated Hawks almost full grown
& fledged standing on nest in Chestnut
flashing their wings, & parents soaring high
overhead on Johnson. Dick left at noon
& went to B. H. again on P. M. After dinner

Concord (Farm & Ball's Hill) - Cambridge

Ther Thursday, June 3, 1915 Wea
Fine

Sunny but hazy. Cool with fresh
N.E. wind.

Spraying most of day with George
& two of Duane's men who brought
his old hand pump apparatus, which
still does good service. We spent
forenoon in Pulper's Brook woods &
Back Field dealing chiefly with big
isolated oaks. In afternoon we went
to Ball's Hill where, however, I could
not stay long. The oaks on this
crest of this hill are very badly
infested with Gypsy Caterpillars.

Heard a Blackburnian Warbler singing
thru in a pine & saw a pair of
Wilson's Thrushes on edge of swamp.

Many birds singing in Pulper's woods -
a Black Crow, Grackle, Wood Pewee,
Chimney Swift & Yellow-bellied Cuckoo among others.

Gilbert & I left Farm at 3.45
P.M. & returned to Cambridge over
Bedford & Lexington & Haverhill,
C. & S.R.R. at home, the latter is full
with badly sprouted oak.

Cambridge - Boston

Ther Friday, June 4, 1915 Wea
Siegfried at Stadium Fine

Sunny but hazy, very cool with light
easterly wind.

In Garden: Robin 2 ♂♂, Redstart ♂ ad. ♀
(in jug), Canada Warbler ♂ (in jug),
Horn Sparrow (2 ad & juv), Evening Grosbeak
♂.

Gilbert went to Concord this morning
to get several essential things I
needed there yesterday. I wrote letters
until he returned & then Harold for
Boston stopping in Harvard Square to
have hair cut. Was at our office
most of time from 12 to 3.30 P.M.,
meeting at Marston, bought tickets
for Washington & first class tickets
for Pullman & Man. (Mae.) in safety, went
home by 4 to write more letters until 8.
Left at 6. Started for Stadium at 6.45
over C. leaving Pullman & Man. with packed
trunks & walked back at midnight.
Stadium well filled. Beautiful species -
Grackle, Scissor-tail, & Golden-crow.
Calum took overcast coming

Cambridge

Ther Saturday, June 5, 1915 Wea Fine
Fine Starling in our grounds Fine

Sunny but somewhat hazy. Cool with fresh easterly wind.

♀ Starling feeding on lawn front of house.

In Garden: 2 ad. Robins (one in full, earnest song most of afternoon), Redstart, House Sparrow, Blue Jay (heard), 4 Swifts careering about together at sunset.

Night hawk heard shortly after sunset, rather distant, towards Howard Square; perched light on tree trunk & observed once I thought but was not sure.

During much of forenoon & afternoon no birds could be heard singing in or near our place. Never before has it seemed so barren to barren of bird life. Even the Red-eyed Vireo has deserted us.

Two boys, Teddy Eliot & Thompson, who called to see me in late P. M., report Red eyes & a Chiffy singing near Kennedy's, Highland St., & a Whistling Vireo in Ball's View Ave. They took a ♀ Mourning Warbler from a tree in Kennedy Ave. late Tuesday (June 1st) & Harry Spelman obtained it for them.

Had planned to start for Westchester 3 P. M. today via New York to England but gave up trip this morn because of sharp attack of bladder trouble. Spent day in Museum working letters & reports.

Cambridge

Ther Sunday, June 6, 1915 Wea Stormy

Dismally cloudy with chill easterly wind and heavy rain fall beginning at 10.30 a. m. and continuing into the night.

In Garden - a Robin singing freely, an adult ♂ Redstart fitfully, before the storm began.

Spent day in Museum working on Concord notes, putting new sheets into my field books etc, copying arrival notes to be read at Nuttall Club meeting a. m. tomorrow evening.

Dr. Sander called in forenoon to talk over Gen. Jefferson's letters intended for publication. He wants try to have them accepted by the Atlantic Monthly or the Currier.

Miss Allyn Donald with us. We had Beethoven music after lunch & again this evening. I have just got half a dozen new records from the Victor May & June issues they are very beautiful. I had about a dozen Columbia ones to sell last week - by name of them.

Cambridge.

Ther Wednesday, June 9, 1915 Wea
 Perfect.

Clear & warm with light southerly wind.

In Garden, Robins ♂♂ singing gloriously
 all frequent intervals all day, ♀ adult,
 several young of two birds & evidently
 different broods. Cat bird - a silent one
 in jungle, seen in forenoon & afternoon.
 Chipping, ♂♂ singing about twenty times
 at 11 a.m. or thereabouts. Blue Jay 2,
 Crow 1, Brown Grackle ♂ on lawn.

It is strange that we have no Red eye
 this year. I heard one singing this
 morning in Chawey South place & am
 told of others further up Wallis St.
 near the Nichols place.

Spent most of day in Museum
 working letters & comparing birds done
 by Rogers for their purpose. Pigeon
 sprayed and also in specimen
 in late afternoon took some plants to
 the specimens & brought back some
 chosen ones that Harry gave me.
 G. in the garden with one turned
 head. It is very beautiful now.

Cambridge-Concord.

12 Ther Thursday, June 10, 1915 Wea
 Fine

Clear & cool with strong N. wind.

In Garden Robins (♂♂ & ♀ sev. young),
 Red-eye ♂ & ♀ (in jungle & windows all day /
 Flicker, ♂ ad. on stem flogging front of
 Museum seeking ants by pecking up the
 dirt between the stems & thrusting in his
 extensible tongue (I saw another bird of
 same species similarly engaged in same place
 several years ago), Chipping Swift, 4
 Crows, 1 woodpecker. A few House Sparrows.

Spent forenoon working with Percy
 setting out vials etc. Gilbert & I started
 for Concord at 2.45 in Ford car.
 As we passed Elmwood I heard a
 Warbling Vireo singing. Saw a Green
 Heron & a large colony of Cross Blackbirds
 at a brush-ground pond near the "Pond
 House" "house". Stopped at Beak-Red.
 to see vials in bloom & ordered
 a lot of them for Aug. delivery. Reached
 Concord at 4.15. Walked about until evening.
 Barred Owl hooting soon after sunset W. P.
 Harry Peckham, two other with some direction
 later. Wonderful show of vials.

Concord (Farm)

Ther Friday, June 11, 1915. Wea Fair

Mostly sunny but rather hazy, warm with strong southerly wind - a few rain drops at evening.

Walking at day break I listened attentively to a beautiful chorus of bird music. Robins began to whom there was seen a trace of light in the east. They were followed by Catbirds, Chipping, Song Sparrows, W. Pewee, Maryland Yellowthroat & a Kingbird. All these ~~had~~ ^{had} begun before the Whippoorwill joined in. Oriole began later.

Most of our local birds sang freely through day. The only one I expected to hear but failed to was the Tanager. All the rest seem to have escaped injury from spraying.

But some thing untoward has happened to our Tree Sparrows. I kept 4 breeding pairs here on the 3rd but can see only one now - in box on grape arbor.

Spent most of day working in flower garden with Barbours & George. Walked thru Berry Par. Thompson & heard humming the other day.

Concord (Farm & Fairhaven Bay)

Ther Saturday, June 12, 1915 Wea Fair
Pair of breeding White-thr. Sparrows.

Clear and warm with high N. W. wind

Spent most of day at Farm. In forenoon supervised erection of a chicken fever. In afternoon sprayed grafts in Berry Pasture & down infested barn in Cedar Park. Most of our spraying has proved very effective this year. Few places in or near the Farm show much badly eaten foliage.

Went to Concord at 5 P.M. to go with Dexter to the Shaw place south of Fairhaven Bay. Took Harry Richardson with us. Dexter had heard one & he thought two White-throated Sparrows there on the 10th. One began singing soon after we reached there. He had a rather thin, weak voice but proved to be a very handsome adult. We finally found him & his mate, a duller, among dense young white birch & ground juniper on steep hillside close to driveway near house. Both birds very tame & very close during chase & the song incessantly. Without question they had a nest, probably with young, close by. Saw 7 Tanager go in nest in white-pine within 15 ft. of house. Much bird activity. Another field sp. singing. Home by 7.30

at 2 P.M. started Woodcock 600' in Berry Pasture where I saw some singing & calling (2.6).

Concord - Cambridge

Ther Sunday, June 13, 1915 Wea
Fine

Clear & cool with fresh easterly wind.

Breakfast at 7. Out in garden by 7.30
cutting irises. Birds singing gleefully.
Warbling vireo in oaks over road.
Nighthawk high in air peeping. Last
night I heard them whiff-whiffing
at once to west of Abbott's house.

Hubert & I started for Cambridge at 8.08.

We had a delightful run via Bedford,
Saxington, Tropic Road & Waverly.
Reached Concord at 9.15. Found
C. on back piazza talking with Mother's
Sandra about her Japanese letters.

She & I went to church at St. John's.
Dean Hodge preached a good sermon.
Dick Down there, returning C. & I
called on the Always, Miss Allgren
dined with us. I wrote letters in
P.M. After supper called on the
Spears to show them some of the
irises brought from Concord.

Heard only a Robin singing in
Garden.

Cambridge - Boston.

Ther Monday, June 14, 1915 Wea
Fine

Clear & oppressively warm & humid.
It is said the temperature rose to 90° in P.M.

Garden birds: Only a Robin singing.
A Jay flitting through lilacs and a Swift
flying about at evening. Usual number of
House Sparrows - perhaps half a dozen.
Jesse still making a great show.

Went in town at 9.30. At office
most of time up to 3.30. Signed diplomas
for graduates of Concord Academy. Got
copy of Concord Post, April 28, containing charges
against Dr. Field. Telephoned to him at
Sharon but he was not there or within
call distance, I was told. Saw Jeffries
in his office & had a long talk with him
about the Field case. Then talked things
about it by telephone with F. H. Allen.
Field is said to admit to the truth of
most of the charges. Nevertheless he is not
thought to have conscientiously done wrong.
All his friends still respect & love him as
said. After getting home at 4.30 I
wrote to Henry Houghton reporting all this.
He telegraphed me on Saturday regarding
some reports. C. & I had breakfast Sunday
in hotel this morning.

Cambridge

Ther Tuesday, June 15, 1915 Wea
Dull.

Dark, cloudy & very cool with
chill east wind & a few brief showers.

In Garden: Nothing singing save a
Robin but he was a clear-voiced bird
who rendered fine melody. At least 4
young Robins were flitting about together
in the jungle. Saw a silent adult
Chippy on the ground in one of
the garden paths. A few House Sparrows
completed the list of birds noted.

The Red-eyed Vireo since two other
day have evidently departed. I heard
a male in full song yesterday in
the old Wyman place on Spacker St.
An Oriole singing at Elmwood as
we passed that way late Saturday.

Spent most of day in Museum
writing letters. Went to Harvard Square
by car as usual to visit Trust Co. &
Savings Bank. Walked most of way
home. G. & I had better buses
in hall this eve. Going much better.

Cambridge.

Ther Wednesday, June 16, 1915 Wea
Fine

Sunny and rather warm with
light & westerly winds

In Garden several Robins (one singing),
a few House Sparrows, a Jay, one
or more Crows, a Swift flying overhead.

Red-eyed Vireo singing near Mrs.
Camp. Ind., Chippy seen in Mr. Parlier's
garden, Berkeley Street.

Spent forenoon in Museum writing
letters. Went to Mrs. Camp. Ind. at
2 P.M. & stayed there until 4.
Found various things in his room.
He showed our bird collection made
by Maynard in Providence, by
Barbore & himself in Cuba & by
Cameron Foxon in Brazil.

Had a talk with Sam Heald,
largely about Dr. Field. I talked
well with Parlier who showed me
his attraction little garden.

Mrs. Heald called on us this evening
to discuss School Children visiting Museum.

Cambridge, Wolfboro

Ther Thursday, June 17, 1915 Wea
Stormy

Cloudy with several heavy showers.

Boston for

Left Wolfboro at 8.55 a.m. Miss
Walker & niece on train. Looked with
them part of way. Looked in vain
for signs of gophers & brown bird ravages.
The foliage of oaks & orchard trees around
way where we passed by them & in
reminded me of conditions at this
season in former years. Saw very few
birds - among them a Green Heron.

Reached Wolfboro about 12.50.

Haley met me at station & took me
to his home. He walked about
Academy grounds & to lake shore, after
dinner. Birds literally swarming everywhere.
Being that trees about water there.
I saw & heard many more than on
any previous time for over twenty years.
House Sparrows seemed comparatively
scarce. Lots of Thrashers & Jays.
The Blue Swallows nesting on Academy
building but over flying over lake.
Spent evening in pastor, talking

Wolfboro, N. H.

Ther Friday, June 18, 1915 Wea
Fair

Clear & moderately warm with light N. wind.

Strolling up village street after breakfast I
heard a delightful concert of bird voices,
reminding me of conditions in Cambridge fifty
years ago. There were Robins, a Bluebird, at least
three Mocking, two Yellow-throats & one Red-eyed Vireo,
two Yellow Warblers, two Orioles, a Wood Pewee,
one or two Least Pewees, Chipping etc. Further
off towards the lake shore on distant wood slopes
Bobolinks, Parula birds & Song Sparrows were
singing. Martins, Swallows (Tree & Barn) &
Swifts constantly in light gliding flocks &
chatter. Big colony of Martins in two
houses on Mrs. Martin's farm.

To Academy at 9 a.m. Brief devotional
exercise & address. Miss Adams, about to
leave us, presented with 10 gold pieces by people
I left walked about grounds with Haley.
Then to Judge Abbott's. Dr. Scott there.
Lunched at the Sociological Institute house
by E. C. M., meeting 3-5. Dinner included
second by people in business meeting 5-6.30.
Meeting by crowd 8-10. Religious Institute
Meeting 10.30-12.30. Evening concert with

Wolfeboro - Cambridge.

Ther Saturday, June 19, 1915 Wea
Fair

Early morning cloudy, sunny through
much of day. Heavy shower late P.M.
Warmer & hummer with light S. wind.

Left Wolfeboro at 8 A.M. & reached
Boston at 12.25. Had tedious wait
of 3/4 hour at door. Had most
of time taken in cars. Got out met
me at North Station. Home by 1.10.
Dined with C. on back piazza. Had
lectures in P.M. Harry Barthel
called this evening to talk over
a dinner being food for Ken Johnson.

The Trustees meeting yesterday was
attended by Judge Bull, J. K. Lord, Arthur,
Jay Abbott, Dr. Scott, Oscar Young &
myself. Gallop was taken ill & could
not be there. I made the trip at
expense of much pain due to bladder
trouble.

Cambridge.

Ther Sunday, June 20, 1915 Wea
Mild

Forenoon cloudy with heavy thunder shower
(11.30-1.30). Afternoon sunny with light,
pleasant breeze.

In Garden: Robins, 3 adults on lawn, several
young in trees; Blue Jays 4 young in lilacs
keeping well together & making a variety of odd
noises; Crows, one in Catalpa, by museum,
another circling over it; Swift heard at
evening.

C. & I attended the final service
at St. James. Dr. Hodges preached his
last sermon before going away for his
sabbatical year of rest. There was
only a slim congregation. The
rhododendrons in Hastings place still
making a fine show although past
their prime.

Miss Allgeer dined with us for last
time. Mr. Sanders called in P.M.
to discuss Jeff's letters & Harry Barthel
in evening to talk over the Kenworth
fund disbursement.

Cambridge - Boston - Concord.

Ther Monday, June 21, 1915 Wea
7 in

Clear & cool with light westerly breeze.

In Garden: Robins (swarm), Jay (heard),
Thelma (♀ ad., probing for ants in seams
between flags front of house) Cross
Blackbird (♂ ad. on lawn), House Sparrows
(swarm).

To Boston at 10.30 a.m. Spent
afternoon of two hours in office
seeing Arthur, Gallinger & Darling.
Signed lease of Boston Documentary
to Boston Fine Academy. Met
Harry Bartlett by appointment at
53 Devonshire St. & introduced him
to Geo. W. Lovell & Miss Berry. He
was paid (by check) \$125. to send
to Kenneth. Dined at Madison.
Took 2.40 train to Concord where
Gilbert met me & returned me to Farm
Rambled about until after sunset
vegetation flowering after warm rains. Birds
singing well especially Robins. Cherries &
strawberries ripe. Flowers beds very fine.
No trace of gophers or brown tail deer ticks.
between Boston & Concord since at one of them

Concord (Farm & Ball's Hill)

Ther Tuesday, June 22, 1915 Wea
7 air

Forenoon sunny & warm. Cloudy after
3 P.M. with rain at night. Light
southerly breeze with intervals of dead calm.

Rarely have I heard Robins sing so
freely & so well as they did today.
From day break to dusk they kept it
up almost ceaselessly, often two or three
at a time close about our house. For
me there is no bird music more satisfactory
on this whole than that of the Robins.

The Hermit in Birch Field singing well
at 3 & 4 P.M. Two Wilson's Thrushes singing
& then calling in Ball's Hill Sat. 3.15 P.M.
On B. H. a Pine W., Black-thr. Green, 2
Black & White, Downy Wood Pecker & Starling.
2 Redwings, 3 Starling Sp. 3 May birds
across river. ♂ Hummer at 7 am.
Crows then from Birch & several near.

Spent a.m. working on the flowers
labeling roses, peonies etc.

Dexter came down to dinner & spent
most of afternoon when we walked to
Ball's Hill & back via Davis Hill.

Concord (Farm)

Ther Wednesday, June 23, 1915 Wea
Fine.

Clear & cool with light variable
wind, mostly easterly. Very cool at
noon & eve. when we had beds
open fire in two rooms. Crops
growing so well at all depths abundant
moisture.

Birds singing freely all day. Robins
at least twice as numerous as an
May & early June. They sang
gloriously from early morn to late eve.
I heard at least 3 near home, two
in Berry Pasture, one at Rabbit Flan,
one in Birch Field. I think have
seen not less than 15 adults besides
several young. They do not seem to be
eating either cherries or strawberries.

Spent most of day working in
flower garden with Beulah & Effie.
We worked it thoroughly. Walked
to Berry Pasture, Rabbit Flan &
Birch Field in late P.M. Got out
went to Cambridge for day to pick
C. to Beulah & Jennie Plums

Concord (Farm)

Ther Thursday, June 24, 1915 Wea
Fine

Clear & cool with fresh N.W.
wind. Almost frosty last night.

The Robin chorus to day surpassed
anything I have heard here for years.
It lasted throughout the day. From
5 to 7.30 P.M. at least five birds
were singing continually within fifty
yards of the house with others heard
more faintly further off.

The Orioles were feeding young in the
nest over the shed coming & going alternately.
Both sides sang freely & used precisely
the same set of song notes. They always
flew afar off in quest of food.

Dusen & Waller sprayed the elms
close about our house this morning
& then went to Plum Park to spray
along road to Benson's Landing.
I was with them here until 11.
Mrs. Melvin called just after
dinner & took Phil to see 4 P.M.
I did some gardening between times.

Manchester - By the Sea

Ther Sunday, June 27, 1915 Wea
Perfect

Brilliantly clear & deliciously cool with
light easterly breeze

A few birds singing near house, early
morn, Pine Warbler, Blue. Thr. Green,
Robin, Chipping, Green bird etc. Notes of
surf breaking on rocky ledges & sand beach
coming soothingly to my ear through open
windows all night long.

Dick & I strolled about grounds after
breakfast. We returned to Church Lane.
Dean Hodge preached an excellent sermon
on the Great War. Two Song Sparrows
singing very near church all the while.
Dick & I walked along beach and
through the lanes' beautiful flower garden
in late P.M. A year ago "Giddy" Lane
walked us through it. He had lost weight.

Dr. Hodge called in mid afternoon
We had a good long chat in parlor, he
& I smoking cigars the while. Dick,
the long-fellow's sister & I spent the
evening then together. I have not seen
Edith Dana & shall not this time. She
is still rather miserable still. Edith

Manchester - Boston - Cambridge

Ther Monday, June 28, 1915 Wea
Perfect

Clear and very cool with light N. wind.

Dick & I roamed about his beautiful place
for an hour or more after breakfast. I left
it at 10.15 to take 10.35 train to Boston.

Reaching there about 11.20 I went to an
office & spent upwards of three hours
signing all the quarterly Estate charges,
talking with Arthur, Galloway & Darling.

On way out stopped at Howard Square
to have hair cut. Home by 3.30.

Read letters & went through garden
with Percy. Five Robins, a Thrush,
a Grackle & about 15 House Sparrows
were all the birds to be found there
Five of the Robins sang a little. At sunset
I heard a Swift overhead.

G. S. S. & I spent evening in hall
reading war news aloud & listening
to Victrola music.

Cambridge - Concord - Cambridge

Ther 85° Tuesday, June 29, 1915 Wea Fine

Clear & very warm with light westerly breeze. According to evening papers the hottest day of year thus far.

In Garden: Robins (1 ♀, 5 on lawn, 1 young bird came down lawn chewing into C's fan place); Grackle (2 on lawn); Flicker (1); Downy W. (♀ ad in very ragged plumage hopping about on ground under spray of hose); Swift (3) flying high at evening; House Sparrow (15+, mostly young)

Leaving Museum at 10-30 Gilbert & I motored to Concord via Waverley & E. Sup. In pond back near Peasek woman's house saw adult Billiee leg deep in water. Several Red-wings there. Home from near Pleasant Farm at 11.40. Pairs off George & Barbara. Walked to Parson's Field after luncheon. Hunted checking traps. Some ovals in runs stripped by gyps. but none really white. Started back at 3.36 & reached home at 4.46. Then to C. & played basketball in evening. E. R. S. gone to Williamstown

Scrub Bird working in window at 9.15 P.M. moon very thin.

Cambridge.

Ther Wednesday, June 30, 1915 Wea Fair

Partly sunny, largely cloudy. Day warm & humid with light southerly breeze

In Garden: 1 Flicker, several Robins (1 ♀, 1 ♂, 1 Grackle (on lawn) very many House Sparrows, Swift (heard at evening).

Spent most of day in Museum working letters & answers for bills. incidental trunk & host reunion, in evening. with Herbert's help, for trip to Concord.

W. & I dined on back piazza with Miss Bennett, Lou Smith-Kelly & Mrs. (of window) at meals. We left early on the 7 o'clock train & went back 4 P.M. The walk home through the garden & around near the Museum.

W. & I went evening in hall of a lot of feet near by only, and much as possible. Deep of.

Cambridge - Glendale

Ther

Thursday, July 1, 1915.

Wea
Dull.

Slightly cloudy & rather cool with moderate winds, mostly easterly. During the latter part of last night and for an hour or two after daybreak exceptionally heavy rain fell after the manner of a violent thunder shower but unaccompanied by thunder.

Our garden walks flooded by it up to 9 a.m.

C. & I breakfasted together for the last time this summer. She had an appointment at Dr. Spear's office at 1 P.M. to undergo a thorough physical examination the results of which I cannot know for several days. It was arranged for by Dr. Goldthwaite & by his wish. I wanted to remain in Cambridge because of it but C. refused to have me do so, preferring to be alone. So I started for Glendale by 10 a.m. train. Gilbert met me in town with all my baggage. The journey uneventful save for a slight delay at Waverley. Reached Glendale about 3.40. Don met me at station. Found Mrs. French & Margaret at house & also two guests Miss Harbeck & Mr. Thompson. Spent evening in study.

Glendale

Ther

Friday, July 2, 1915

Wea
Rainy

Dark cloudy with prolonged and exceedingly heavy thunder showers in afternoon and evening. Between 7.30 & 8 the rain came down in torrents flooding hollows and washing out gravelly slopes.

Spent most of day in my room writing letters. Mrs. French "at home" 4-6 P.M.

Only six or eight people came among them Mrs. Crownshield & Mr. Doane. He had to remain in studio because of rain. It kept me there until 8 P.M. when we had dinner. Mrs. French & all the other guests went to a dance in Forest at 10 returning at 3 next morning. Don & I sat up until 11 in the parlor, talking.

Most of the usual birds are here in the usual numbers & still sing long but there are no Hoods here this year.

Just heard Thrushes sing during afternoon & even. Through day I hear Robins, Downy Woodpecker, Purple Finch, Phoebe, Chipping, a Field Sparrow, Indigo Bunting, Hooded Merganser. There has been a Bewick Wren in the lobby.

Glendale

Ther

Saturday, July 3, 1915

Wea
Time

Partly sunny, partly cloudy.
Weather cool with light variable wind.
Very heavy thunder shower 8-9 P.M.

Spent forenoon in my room
writing letters. At 4 P.M. went
with Dan to the seat in the
back pasture where we remained
about two hours, talking. Birds
singing far & near delightfully.
Never before have I heard anything
like so many there. The song of
a Hermit floated down from the
ridge above & that of a Vireo &
a Peewee bird rose from the
swamp below. Robins sang incessantly.
Close about us in hawthorn thickets
sang Black-burnian, Black-thr. Green
& Magpie Warblers. There are
also many birds there usual close
about the house, among them
Robins, Phoebe, Wood Thrushes (2)
Wood Pewee, Oriole, Solitary, Red eye
& "Lizard-the-birds".
We all sat in places talking through
evening.

Glendale

Ther

Sunday, July 4, 1915

Wea
Time

Clear, warm & humid with light
southerly wind.

Spent most of forenoon in
my room writing letters. With Dan
& Mrs. French motored at 1 P.M.
to Stockbridge where we dined
with Mr. & Mrs. Crownshield, their
son, Mr. Harris and Mrs.
Montgomery Sears whom I have not
seen before since she was Sadie Choate
& lived next us in Cambridge. We
had a good talk about their early
days. She is still a handsome woman
with no trace of gray in her abundant
hair. Birds of various kinds singing
everywhere about the house & in
the village. After our return to
Chesterwood Dan & I walked around
the western side of his ridge.
We were treated there to a glorious
concert of Wood Thrushes, hearing
no less than four of them at once.

Glendah - Lenox

Ther Monday, July 5, 1915 Wea
7 Fine

Clear & cool with light westerly
wind. Showery in early morning.

This, my sixty-fourth birth-day,
passed very pleasantly. The only notice
taken of it as such came by
the morning mail from C. in the
form of a little note enclosing a
ten dollar gold piece.

I spent much of the day
in my room writing letters.

At 4 P.M. Mrs. French, Don & I
went to Stockbridge to a
meeting of the Plant Club at
Joseph Chute's. It was well attended
and the room (of no great size)
uncomfortably packed. Fuentes gave
us an excellent talk on Bird Music.
Afterwards we walked about in
beautiful grounds & flower gardens.

I met several acquaintances of long
summers ago - Miss Hallerman, Mrs
Myer, the Messrs Colson. Later still
we returned to Lenox to the big
hotel on the ridge which I had visited
some before them about 7 P.M.

Glendah

Ther Tuesday, July 6, 1915. Wea
7 Fine

Clear and cool with light westerly wind.

Working in my room most of day.
At 4 P.M. I went for a walk.
We went direct to MacArthur's secluded
little summer home where we found
its unique occupant engaged in
spring clean as he was last year.
He had borrowed deep into the earth
around one end of the house & was
developing an odd little flower garden
here. His vegetable garden seems
even more admirable than in former
years with everything most neatly
ordered and flourishing. We sat with
him for an hour under an apple tree,
listening to his chattering talk & the
song of nearby birds among which was
a dove-breed Wood Thrush. He
offered us cake & wine and walked
half way back with us to his wood
Barn. Swallows glimmering low over
Knights meadowlands & Field Sparrows
singing on a bushy hillside.
Passed evening in harbor, talking.

Glendale

Ther Wednesday, July 7, 1915 Wea
Mixed.

Forenoon sunny, afternoon cloudy,
calm & sultry with a downpour of
rain about sundown.

Spent most of day in my room
answering letters with which I have
been simply deluged from various quarters
of late. Dave ceased working at 4 P.M.
after which we visited the hill side
studio to look at his little preliminary
design in clay for the Lincoln memorial
statue at Washington. Next we
strolled down the road to Mrs Warner's
fixing her, whom we left her a year ago,
among her flowers. They are no less
beautiful and interesting than of yore
despite the pathetic poverty & unkemptness
of their surroundings.

Returning to our own flower garden
we found in it two δ Hummers acting
very strangely. Showing no unfriendliness
to one another they kept darting to & from
from the Cocksfoot to patches in a
meadow on a wall where they often
alighted very near together to preen their
feathers in apparent amity. Sometimes one
would break from the other within a few inches

Glendale

Ther Thursday, July 8, 1915 Wea
Stormy

Dark cloudy with violent N.E. wind,
occasional distant claps of thunder
and incessant heavy rain commencing
late in P.M. in a further dangerous
downpour from a squall which is a wind-
suffled with & washed our steep gully
in the evening. The rain was so heavy
at present that the day was passing in
the rain, & I could not see a road
is a sign of that comes from Hogan's Pond.
I saw a young one in a pool, which
which I think I could not have waded
without serious risk of drowning. Further
down, below the mill pond, it was still
more impassable, foreshadowing a
large & violent rain which has fallen
during the usual storm. The birds were
almost completely silenced by it but the
Red eyes sang a little. At its height a Robin
was feeding young in nest & a Hummer
visiting the Cocksfoot flowers. At present
few birds sang at all.

Spent some of day in house & studio,
working letters, flying my Macraia etc

Glendale

Ther 72° max. Friday, July 9, 1915 Wea Perfect

Brilliantly clear with light westerly wind & soft, yet bracing air. Light shadows on mountains, woods & fields very beautiful especially towards sunset.

Bird songs obviously beginning to die - generally within the past few days. The Red-eye still vocal at all times but the Hooded Thrush & the Robin are fast lapsing into silence.

Spent most of day in chair and reading & writing letters. Mrs. French "in town" 4-6 P.M. About a dozen people came to a party & dinner in her home. Among these were Mrs. Barlow, cousin of Alex Agassiz, and her friend Miss Susie Roberts who was formerly, she told me, an intimate friend of C's. I found her very agreeable and told her all about the place which she evidently admired greatly. Mrs. Clark & her daughters Sarah, arrived. We spent evening in parlour.

Glendale.

Ther 80° max. Saturday, July 10, 1915 Wea Fine

Sunny but hazy with "masses tails" gathering in late P.M. Warm. Light S.W. wind

Robins singing rather freely and Hooded Thrushes (2 of them) downy, towards sunset. Red-eye hark at it all day.

Spent forenoon in room writing letters. Leaving the shades at 4 P.M. Dan & I climbed to the summit of his mountain ridge where we spent upwards of two hours sitting on the bench on the "Kittowak". It was delightfully serene and restful there with the warm southerly wind sweeping past & birds singing far & near. A Yellow Warbler flitted close about us & Cedar birds flew from branch to branch slightly in dead air. Barn Swallows & Swifts constantly in sight. Over 3 Bonaparte Swallows passed. The roaring of the river rapids fell on our ears, interruptedly like the notes of surf on a sea beach. We spent a family evening in parlour.

Glendale

Ther

Sunday, July 11, 1915

Wea
Fair

Forenoon sunny; afternoon cloudy.
Warm & humid with light southerly
wind. Heavy rain after dark.

Leaving the house about 10 a.m.
Dan and I visited the fine green
hollow across the road where
we spend a couple of hours.

Two Sal long lines, several black
throated green warblers and one

blackbird were singing there.

We found enough wild strawberries
raspberries & thimbleberries to pick
a finger bowl. It was rather
hot in brushy woods and there
were more mosquitoes than one of our
encounters hereabouts.

We spent most of the afternoon
in our rooms or on the piazza
where Mr. Bowler made us a rather
long call. At six o'clock Dan
left for New York not to return
until Tuesday night. Evening spent in
parlor talking with Mrs. French,
Mrs. Clark her daughter Sarah, & Margaret

Glendale

14

Ther

Monday, July 12, 1915

Wea
Dull.

Raining hard all last night &
drizzling through much of day.
Rather warm with light southerly breeze.
Sun out bright after 5 P.M.

Spent most of day in room writing
letters. Left it at 5.45 P.M. and
walked down the road to call on
Macintosh. He was taking his driveway
but invited me into his parlor where
we chatted for upwards of an hour,
mostly about the war. He treated me
to cookies and sugar-coated dates.
With Mrs. French, Mrs. Clark, her
daughter Sarah and Margaret French
I spent evening in parlor, talking.

Two Wood Thrushes singing at evening
near studio & one near kitchen. A
hermit in full song on ridge at 6 P.M.
Robins mostly silent. I heard only
one and in song only feebly.

Young Rabbit (or Hare?) appears on our
lawn almost every evening.

Glendale

Ther Tuesday, July 13, 1915 Wea
Fine

Forenoon brilliantly clear. Clouds gathering in afternoon as if for another rain storm. Very warm all day with light southwest wind.

Writing letters all forenoon and most of afternoon. They keep coming in very numerous numbers, forcing me to devote almost all my time to answering them. As I worked at this table to-day the songs of two Red-eyes came ceaselessly to my ears. Every now & then I heard a Solitary Tanager, or a Chipping, or an Ovenbird. The Robins were severely silent. The party of young Orioles kept visiting the whole mulberry tree. Its fruit also attracts Veeries & Purple Finches as well as a few Robins & Cedarbirds.

Went to pasture outlook at 5 P.M. & thence wandered about finally visiting Rodman. Robins (3 ♂♂) & Wood Thrushes (4 ♂♂) now singing freely for fully an hour. Hermit in full song on ridge. Vireo sang three in succession. Bared Owl called who-a once behind studio. at 9 P.M. a Whippoorwill sang only one whiff.
Dane gets back about 7 P.M.

Glendale

Ther Wednesday, July 14, 1915 Wea
Fine

Sunny but hazy. Clouds gathering in late P.M. Warm; with light S.W. wind.

Robins and Wood Thrushes in full song towards sunset, Red-eyes all day long. For the past three nights Tree Toads have sung ceaselessly after dark. Green-Frogs tramping in pool near Hawthorn's house. Bullfrogs following after off in series.

Spent most of day in room writing letters. Dane & I started for a walk at 5:30 P.M. We went to the little pond just behind the Hawthorn's house.

Scattered along its overflowed margin were rather many plants about 2 ft. tall bearing attractive purple flowers somewhat like blue bells & unfamiliar to me. Some of the trees about this pond especially red maples & white firs are among the largest I have seen in town.

Dr. & Mrs. Lambert arrived from N.Y. in time for dinner. We all spent evening in parlor & on piazza.

Glendale.

Ther Thursday, July 15, 1915 Wea
Fair

Sunny but very heavy with, also, a thin veil of clouds at times. Sultry with light southerly wind.

Bird singing declining fast now. The Red-eye is almost if not quite the only species vocal at all hours. The Robin & Wood Thrush & Hermit are still heard at evening but their voices are "falling off" appreciably.

The wild Rabbits that appear commonly on lawns close about the house, towards sunset, are almost certainly neither Cottontails nor Varying Hares. They are decidedly larger than the former, with larger ears, heads, necks & bodies, but less large & "rangy" than the Varying Hare. I suspect they may be English Rabbits. In pose & movement they are admirably graceful.

Spent most of day in room writing letters. Dan & I went to the fashion outlook in late P.M. & sat there about an hour. Mr. & Mrs. Bayman at dinner. We all spent evening in Studio with the fountain playing & records broken & from music.

Glendale.

Ther Friday, July 16, 1915 Wea
Fair

Sun shining feebly through dense haze & thin clouds. Very warm & humid. S.W. wind a dash of rain drops towards sunset.

Red-eyes singing all day, a Wood Thrush & 3 Robins towards sunset. I heard almost nothing else save an Indigo Bunting and two Choppers. At evening the little wild Rabbit, no bigger than a Guinea pig, appeared on lawn in front of house. There were no sounds of bird or other creature after dark, even the Tree Toads keeping silent.

Spent forenoon in room writing letters. Mrs. French's "at home" afternoon. Ten or a dozen people came, all ladies and among them a Miss Shaw, of an Boston Quincy Shaw family, whom I especially liked, and Mrs. Bayman, who was here last evening.

Mrs. Clark & her daughter departed at noon & Jack Dorough arrived at night - as delightfully entertaining as ever.

Glendale.

Ther Saturday, July 17, 1915 Wea
Fair

Sunny but densely hazy. Minimum
hot & humid with wind southerly breeze
up to 5 P.M. when the wind shifted to
northwest, gradually dissipating the
haze & evening becoming deliciously cool.

Red eyes, Chaffin's & Indigo bird singing
in early day, Robins & Road Runners
at lower edge of hills & also heard the
Hermit Finch on one high ridge.

Spent most of day in town
making notes on yellow warblers
in Mrs. H. H. H. of Washington in
copy to a note from him about the
effect of spraying on bird life. He
asked me to send an article & an
manuscript which I did not do so.

Spent a afternoon in dissection
in kind afternoon. After his return
we searched about the place. It had
a surprise house for some time.
It was a very interesting of some birds.
Miss Jones in of the house & birds. Road
among grass. Spent evening on studies
with a lot of things on the table.

Glendale.

Ther Sunday, July 18, 1915 Wea
First Cicada. Fine

Deliciously clear & cool, breeze
N.W. wind up to 5 P.M. after which the
haze came & settling & clouds & haze
increased & rain, obscuring sky & mountains.

Taking advantage of the superb weather
Dan & I had a rather long and very
delightful stroll in the woods & fields this
forenoon. It led first to Hager's Pond through
attractive woodland where we noted the
species of birds new to my July list - a
♂ Tanager in full song, a pair of Broad-
wing Hawks soaring & screaming high in
air over the mountain ridge and a her
Ruffed Grouse with her five half-grown young
flushed in a sunny opening by the pond.
On reaching it we went around to the
northern shore & into a hill pasture
commanding an attractive view, where
Kingbirds were feeding on wild apple trees.
Thence we returned by way of the road
leading past Sner's & an Acorn. Everything
looked very fresh & attractive in the clear air, and
many birds sang freely - a Hermit & a Red-bellied
among others.
Spent afternoon & evening in my rear house.
Suffered from 5 calls at 9 P.M.

Glendale.

Ther

Monday, July 19, 1915

Wea
Fair.

Partly sunny, mostly cloudy, with heavy thunder shower 2-3 P.M. Warm & humid all day.

Red-eyes & Chippies singing all day, Robins and one Wood Thrush at sunset. Heard flight calls of Red Crossbills.

Spent most of day in room writing letters. Went to studio at 4 P.M. & played Victrola for an hour for Dan who reclined on couch listening. Later we walked down road to call on Mr. Inlisk who received and entertained us in his customary manner. All the family spent evening in the parlor, Jack & Sarah showing us amazing sleight-of-hand & other tricks with cards etc.

Our only other guest at present is Dwight Partridge, one of Margaret's many suitors & a most attractive young man.

Glendale.

Ther

Tuesday, July 20, 1915

Wea
Fair.

Forenoon sunny; afternoon cloudy. Refreshingly cool all day with little or no wind.

Red-eyes & Chippies still singing freely at all hours, Robins only towards sunset when I also heard a Wood Thrush near the studio and the lone Thrush on our mountain ridge. The Wood Pewee has ceased to utter near them an occasional single note. A Magnolia Warbler was in full song in the pasture hereabouts at 6 P.M. I see the beautiful little orange red Salamanders rather frequently now, usually in pine woods.

Spent forenoon in room writing letters. Played Victrola to Dan in studio, 4-6 P.M. About 25 new records that I ordered for him from Boston came on Saturday. They are among them. Last I know & he seems to like most of them.

Evening spent in parlor. Mr. Partridge & I had long talk about books etc.

When the little Rabbit in front of house at 10 am. evidently it is neither a chipmunk or a shrew. It has long ears & thick & a shaggy coat.

6 P.M. I went to pastor's outlook or and spent an hour there.

Glendah.

Ther Wednesday, July 21, 1915 Wea
Edith Dana died at Manchester. Fair

Cloudy, calm, very cool. Heavy
showers (without thunder) in P. M.

Robins singing gloriously through whole
day. Rarely have I heard such a
wondrous concert by them in day time.
These ♂♂ almost constantly engaged near
house in P. M. Besides these a flock of 12,
mostly young, gathered about furdler on road.
At evening the song of the Hermit on our
mountain ridge came distinctly to my ears.
A Wood Thrush singing behind shades at
the same time. Down the road a ♂
House Wren sang among Henry Warner's shrubs
and further on I saw 2 more Wrens in
a roadside thicket. A brood of young Orioles
with their mother and another of Colaptes
have haunted the mulberry & apple trees in
flower garden ever since July 1. I never
see them elsewhere - not even 100 yds away.

Spent most of day in room writing
letters. Walked down road as far as Susan's
in late P. M. Calling at Mrs. Warner's to enjoy
her beautiful flowers. Her daughter, Mrs.
O'Leary, there. Her family spent evening in
stickle play of back-to-back music.

Glendale.

Ther Thursday, July 22, 1915 Wea
Fine

Clear and cool with light N. W. wind.

More wondrously clear & fervent singing
of Robins especially during an interval
of cool cloudiness in forenoon and again
at sunset when a Wood Thrush, also, sang.
Red-eyes & Chipping Song all day long as
usual. So, also, did an Indigo bird. In
late P. M. I heard a Field Sparrow & a
Yellow-rump Warbler sing over. Most of
the Warblers have been nearly or quite
silent for a week or more.

Spent day in room writing letters
and beginning a resume of Spring bird
notes at Concord. My Boston Advertiser,
arriving at evening, brought the sad
and not unexpected news of Edith Dana's
death which occurred at Manchester,
yesterday. I telegraphed a "night letter"
to Dick expressing sympathy and offering
a return to Cambridge at once if I could
be of any possible help or comfort.
He spent most of evening in studio with
battered Henry.

Glendale.

Ther

Friday, July 23, 1915

Wea
Time

Brilliantly clear and no more than comfortably warm with light westerly breeze.

Robins still singing delightfully at all hours but less vigorously and ceaselessly than two or three days ago. Wood & Hermit Thrushes altogether silent even at sunset. Chappin & Red-eyes as incessantly vocal as ever. Wood Pewee singing a little. Swifts apparently increasing in numbers. Nine of them flying about together at evening. Swallows becoming scarce every day.

The tiny young Rabbit that lives in a burrow in front of the house dashed towards it over the lawn at top speed this evening pursued by a dog. Strange to say it looks no bigger than it did a month ago.

Spent day in room writing letters. Jack Daragh & Dwight Partridge departed at noon. Albee T. Latham, Reggie Sturges & Mr. & Mrs. arrived a few hours later. Mrs. French at home after noon. Hosts of people come, among them Joseph Choate.

Glendale

Ther

Saturday, July 24, 1915

Wea
Time

Brilliantly clear with absolutely cloudless sky and little or no wind. Cool in early morning; agreeably warm through day.

Two Robins singing steadily & well through earlier part of afternoon, Red-eyes & Chappin all day. Wood Pewee sang a little and he did a Bluebird (at 8 a.m. & again at sunset). The Wood Thrushes remained silent until after sunset when one uttered a few clear, ringing notes. Swifts becoming increasingly numerous from day to day, whirling about in parties of eight or nine towards evening and dropping one after another into the studio chimney. Their fluttering descents into it remind me of those of birds only partially disabled by gun shot wounds.

Worked in my room all day on correspondence and General Bird notes. Dan returned from New York at 6.15 after which we were together for half an hour. Evening spent in studio. Edith Davis forwarded at St. Johns, Cambridge, at 11 a.m. to-day.

Glendale.

Ther

Sunday, July 25, 1915

Wea
Fine.

Clear and warm with light S.W. wind.
Too cool to sit out after dark, however, as it
has been almost every evening thus far here.

Red-eyes & Chippies singing ceaselessly through
day; Robins fairly in mid-afternoon; Junco,
House Wren, and Wood Thrush at sundown, when
two Song Sparrows were also in full song in a
meadow near Snair's. Swifts continue to
increase. I must have seen 25- at evening &
there were 12 in one flock. Crows at evening
heard in nearby mown field near house. 24 of
them together then this afternoon & in their
midst a big Wood thrush. Where are the
Goldfinches that should be singing freely now.
I neither see nor hear them often. Cicadas
also scarce. Have heard only two thus far.

Spent forenoon in room writing letters,
afternoon on piazza & tennis court chatting
with Renshaw, Sturgis & Albert F. batcher.

At 6.30 P.M. Dan & I walked down road
to call on the Bowlers. They have beautiful
rose - salmon dahlias in profuse bloom.
Evening spent in parlor talking.

Glendale

Ther

Monday, July 26, 1915

Wea
Mixed.

Early morning sunny, forenoon
cloudy, raining most of afternoon,
at times heavily. Comfortably cool
with little or no wind.

Bird music lessening fast now in
volume and variety as well as in
quality. Chippies and Red-eyes sang
only in forenoon and then but listlessly
& interruptedly, as did a Robin, also.
In afternoon I heard only the happy
twittering of Swifts and the distant
calling of a Black-billed Cuckoo.
No more than 7 or 8 Crows appeared in
our field to-day. These repeatedly flew to
a large, flat-topped boulder by the
roadside where they clustered close together
and flapped or waved their wings like
so many big Butterflies, cawing & uttering
various odd ^{chattering & clucking} sounds ^{to} the whole.

I spent most of day in room, working.
Dan at work in hillside studio. The
Renshaws departed by 2 P.M. train.

Glendale.

Ther Tuesday, July 27, 1915 Wea
Fine

Clear and rather cool with fresh westerly wind.

A. Jaragu, a Song Sparrow and two Robins singing well in early morning, Red-eye & Chippies keeping at it ceaselessly through greater part of day. Most other birds silent or nearly so. Our Wood Pewee called a little and so did the Crested Flycatcher & a White Br. Nuthatch. The Robins resumed singing about 5:30 P.M. and kept it up until after sunset when the Hermit was in full song on the Mountain ridge. I heard nothing from the Wood Pewee but a Veery was calling near our house.

Working on Concord notes in afternoon. - 0 birds in the vicinity at 8 P.M. I had stopped work then & we had a pleasant stroll in nearby woods before dark in evening.

Margaret had a dinner party at her young friends so Dan & I were stumped off on the table. He gave us a veritable feast of good things accompanied & followed by entertaining talk. We sat with him until past 10 & then walked back in the light of a full moon.

Glendale.

15 Ther Wednesday, July 28, 1915 Wea
Mixed.

Forenoon sunny; after noon cloudy with heavy rain & some thunder 6-8 and also after dark. Warm with S.W. winds.

Robins singing well at sunrise, Red-eye and Chippies fitfully through most of day. A Song Sparrow & a Wood Pewee sang a little just before the rain began. We heard a few birds in real song.

Spent day in room working letters - corrected bird notes, in on Crested work in studies about 5 after which we went together into woods behind farm to cut poles for supporting fruit ladder. Lumber there - long one was used for each tree and to it the branches were lashed by cords attached to the top. This plan worked very well and we had finished with only one tree & began on another when the rain drove us in. After that we played the Victrola until almost dinner time. Sat in parlor through evening, I talking & I talking, Dan & Margaret listening. Had one of her new

Glendale.

Ther Thursday, July 29, 1915 Wea
81° Song birds fast lapsing into silence

Brilliantly clear and comfortably warm.
Typical midsummer day with light W. wind.

Under conditions such as those just
stated we should have had, a month
ago, a glorious outburst of bird music
in the early morning and plenty of it
throughout the day. But it is now fast
waning to its inevitable close and
I heard this morning (for the first time)
no Robins nor indeed anything save
Red-eyes and Chippies singing fully &
lively and a Phoebe uttering a
few notes. The Red-eyes & Chippies
kept it up half heartedly through the
forenoon but now, at 4 P.M., I hear
no sound whatever except that of wind
in trees & the occasional twittering of Screeper
Loater - 6-7 P.M. A Tanager singing well,
Robin & Magnolia Warbler a little, Solitary
Bird rather freely. ♂ & ♀ juncos in pasture.

Spent most of day in room writing letters.

Helped Dan finish propping plum trees 5-6 P.M.
After that we went to pasture outlook & see them
for about an hour. Landscape very beautiful.
7. Wilkie & I spent evening on piazzas, talking.

Glendale.

Ther Friday, July 30, 1915 Wea
82° Nocturnal migration begins Fair

Forenoon sunny; afternoon cloudy.
Warm & oppressively humid with light S. wind.
Heavy shower 4-4.30 P.M.

A Robin sang a little at sunrise,
Chippies & Red-eyes fitfully through day.
Hermit on mountain ridge singing fairly
well at 6 P.M. Several East Swallows
flying high over house. Black-billed Cuckoo
sang at 8 P.M. after off & was at once
answered by another near at hand, both
using long succession of notes. At 8.30
P.M. I heard the lisping chirps of
south-bound Warblers passing overhead.
Others were heard at irregular intervals
afterwards, sometimes rather frequently,
especially after 10 o'clock. As the notes
of all came only faintly to my ears?
thought they must be flying very high in air.
Night dark, although starlit, and dead calm.

Spent forenoon room writing letters
Mrs. French's "At Home" afternoon but she
still away. Margaret absent. Only a few
people came - among them Bernard Hoffmann,
Mr. Inaba, the Huttons. I took Hoffmann
to pasture outlook. Spent evening on piazzas.

Glendale.

Ther
84°

Saturday, July 31, 1915

Wea
Fair

Early morn cloudy. Sunny through day and oppressively warm & humid with light southerly breeze. Evening cool.

Robins in full, continuous song at sunrise & for half an hour later. Red-eyes & Chiffins song only a little then and near silent for long periods through day. Cicadas "frying" freely all day long.

Indigo bird singing well at sunrise. Whippoorwill in full and almost ceaseless song for reports of two minutes about 10.30 P.M. He must have uttered his call extending 50 miles.

Spent most of day in room writing letters. Mrs. French returned from Kingston at noon. Miss Miller, a singer & protégé of the Frenches, now here - a pretty & graceful young woman. Mr. Clark came in mid afternoon to take colored photos of garden etc. At 6 P.M. Dan, Fletcher & I went to pasture outside. Unusually serene & beautiful town. Fletcher & I talked & smoked on piazza this evening.

Glendale

Ther

Sunday, Aug. 1, 1915
Yellow-bill Cuckoo.Wea
Fair

Partly sunny but mostly thin cloudy & very heavy. Uncomfortably warm & sultry with little or no wind.

Awakening soon after daybreak I listened intently for several minutes without hearing a bird of any kind. Presently two Robins began singing and kept it up almost ceaselessly until past 8 a.m. Both had exceptionally clear, strong voices and sang with unusual earnestness and feeling. Never before have I been more deeply impressed by the exquisite purity and serenity of their delightful music. There were also Red-eyes & Chiffins joining in, every now & then but only listlessly. Hermit singing loud on mountain ridge at sunrise. Yellow-billed Cuckoo singing (long series of notes given only once) at 11 P.M. in poplars near Studio, Field Sparrows sang twice in late P.M.

Puffed trunk in forenoon. Spent most of afternoon on piazza. Southerner called. Dan & I walked to Mrs. Sutcliffe 6-7 P.M. Mrs. & Mrs. Ferguson dined with us at 1.30. Spirits evening in a near Studio listening to rare vocal display by "Miss Thomas".

Glendale - Williamstown

Ther Monday, Aug. 2, 1915 Wea
Fair

Thin cloudy & densely hazy with occasional faint gleams of sunshine. Warm & humid (less so than yesterday, however) until about 8 P.M. after which a cool, northerly breeze arose.

Dan & Fletcher left the house by motor en route for Boston at 9.30 a.m. I followed them about an hour later when James drove me to Greendale Station whence I took train for Pittsfield where I spent two hours reading in the station. Left there at 1.41 & reached North Adams at 2.15. From car window saw many fields full of blooming hardshell, some of bouncing barts, one of milkweed growing as thick as grain on road side. Golden rod blooming sparingly in places. Saw Kingfisher & one Kingbird as birds. C. met me at N. Adams Station whence we motored to Williamstown where I found E.R.S. We talked for an hour & napped for another. After that C. & I took a short walk. Many Robins on houses & in woods on wing. Only a Meadow Lark singing. I went out at 6.30. Talked on piazza & porch all evening.

Williamstown - Cambridge.

Ther Tuesday, Aug. 3, 1915 Wea
Dull.

Dark cloudy with frequent light rain-fall. Very cool. Fresh north easterly wind.

Only a Wood Pewee singing in early morn. Had breakfast at 8.30. Soon after I started for a walk with G. & E.R.S. Rambled about for upwards of an hour following winding drive ways leading through beautiful park lands dotted with fine shade trees of various kinds & with many attractive houses & college buildings. Entered Garfield Memorial Church, a very beautiful piece of architecture with tower copied from that of West Cathedral. With "Danny" with us all the way having glasses turned. Back by 11 to motor with C. & N. Adams where I took 11.38 train for Boston. On it I re-visited acquaintance with Mrs. Rice English Professor at Williams, who knows Prof. Clark & Judge Tenney & whom I know he had especially admired. Talked with him all way to Boston, reached at 4 P.M. again by 4.30. Percy showed me Red Scapto in bush from Garden above with flowers & showing with me yesterday. Called on Perry & wife & was with this evening.

Cambridge - Boston.

Ther Wednesday, Aug. 4, 1915 Wea
Stormy

Raining all day, moderately in forenoon,
with excessive violence from 2-5 P. M. when
streets & lawns were flooded as they rarely
are except in winter. Cool with strong N.E.
wind.

In Garden; heard flight call of a
Goldfinch and click note of Tree Toad
Grasshopper several times. In
other birds saw a few House Sparrows.

Spent an hour after breakfast in
Museum & garden with Percy & Gilbert.
To Harvard Square at 10 A. M. for
hair cut. Then to Boston where I
remained in our office from 12 to 4:30
saw while lunching at Mansions.
Arthur & I went over appeal to Court
prepared by John Albert who called to discuss
it with us. Decided to submit it, signed,
to Judge Abbott. Also discussed letter from
Elizabeth Brewster. Decided to raise her
salary \$50. & write her to that effect.
Home by 5 P. M. to find sidewalk garden
walk flooded & many plants prostrate.
Dined with Cott. Filled at 6:30 & spent
evening there.

Cambridge.

Ther Thursday, Aug. 5, 1915 Wea
Dull.

Dark cloudy and very cool with
fresh N.E. wind and a light sprinkling
of rain drops now & then.

3 adult Robins on the lawn, 2 Jays
screaming in jungle, and 3 or 4 House
Sparrows flitting about were all the birds
I noted actually within our grounds.
Just across Brattle Street, in Harvard Park,
I saw an adult Chipping Sparrow
in nuptial plumage hopping over a grassy
spot & chirping incessantly.

Our garden badly damaged by recent
heavy rains & wind, especially yesterday.
Many of the taller plants, such as Larkspurs
hollyhocks & sun flowers, lie prostrate
& hardly anything is blooming well. Even
the grass looks sodden & over-saturated
with moisture, but the trees are evidently
flourishing unaccountably because of it.

Spent most of day in Museum writing
letters. Bradford Studder called in P. M.
(3:30-5) to ask my advice about various
matters of bird conservation. Took short walk
later meeting Lolly Fairbank first & then
Alice Barber & Harriet.

Cambridge

Ther

Friday, Aug. 6, 1915

Wea
Dull.

Dark cloudy with chills N. E. wind
and fine, drizzling rain through
afternoon & evening.

Jays screaming in jungle, 2 ad ♂ Goldfinches
on wild sun flower heads, an adult
Chippy with 2 spotted young on bank
front of house, several House Sparrows,
one Robin on lawn - this was all
the birds I saw or heard to day.

Spent most of day in Museum
writing letters & going through masses
of accumulated second class mail.

At noon went to Harvard Square &
drew all surplus above \$1000. from my
deposit in Cambridge Savings Bank. It
amounted to something over \$150. exactly,
which amount I then deposited in cash
with \$200. more by cheque, in Cambridge
Savings Bank.

Had breakfast at the Cabb. Fuller's with
them & Mrs. Grady & dined at 7.30 at
the Fairchilds' where I spent the whole
evening with Mrs. F., Sally & her brother Jack

Cambridge - Boston

Ther

Saturday, Aug. 7, 1915

Wea
Fine

Clear & warm with light W. wind.
First fine day since Sunday last.

In Garden 1 ad Robin, 1 ad ♂ Goldfinch,
2 Swallows on wing at eve., 1 screaming Jay.
On lawn 1 ad ♀ Grackle, 1 juv. Chippy.
Cicada flying. A dozen or more young
Green Frogs, developed from tadpoles, in
Museum pond.

Worked in Museum until 10 a. m. &
then went to Boston to dictate letters
to Elizabeth Brewster in a library matter.
Saw Arthur & Fred Galloway. Arthur
leaving for Portland on vacation.
Have in time for luncheon. Then
Museum work after it. In late P. M.
(6-7) strolled over to Long's Landing.
Marshes half obliterated by dumpings
from subway and dotted with bushes
& young trees. A Song Sparrow & 2
Meadow Larks singing well. Spotted
Sandpiper calling. One Striped on wing.
Called on Cabb. Fuller this evening.

Cambridge - Concord

many migrating Warblers heard at 10 P.M.

Ther

Sunday, Aug. 8, 1915

Wea

Deer tracks

Fine

Four full grown young night hawks in field at night.

Sunny but very heavy & also somewhat cloudy, warm & humid. Light S. wind.

In Garden Yellow Warbler ♂ juv in lilacs as I was breakfasting on back piazza, afterwards seen in jungle. Flicker shouting furiously. Barn Swallows & King bird heard.

Gilbert & I started for Concord at 8.48 a.m. Went via Watertown, Peety Corner, Lexington, Bedford & Carlisle bridge. Brooks running brim full, many pools of rain water in mowing fields, river meadows deeply flooded, cultivated lands boggy with much corn hopelessly prostrate.

Reached Farm at 10.15. Strolled about until noon. In afternoon went through Berry Patch & Birch field.

Blueberry & blackberry bushes loaded with ripe fruit. A few plums ripe.

Vegetables backwood & much damaged by heavy rains. Tree foliage very luxuriant.

Yellow Warbler, Red-eye, Song Sparrow, 2 Indigo birds in full song.

Fresh deer tracks & smaller old ones.

Mrs. Melvin & her 3 pairs Rabbits called

Half grown Rabbit out on lawn from 11.15

Concord (Farm)

Ther

Monday, Aug. 9, 1915

Wea

Mixed

Early morning cloudy & densely foggy with light rain. Forenoon sunny, calm, oppressively warm & humid. Heavy thunder showers 3-5 P.M. Clear sunset with fresh air.

Full song of Song Sparrow & Wood Pewee repeated several times, of Indigo Bird & Maryland Yellowthroat seen once only & then on wing. At least 3 Chickadees following phoebe note incessantly during afternoon. Robins singing a little but only indistinctly. One chick calling of Redstarts heard occasionally. One down bird in top of dogwood tree repeated the teacher song several times, 8 a.m.

Spent most of day with Burbank tree up api fruit laden. Branches of plum & peach trees with single supporting nests each one. Strolled down road at sunset & had long talk with Mrs. Howland & her numerous & various

Concord - Cambridge.

Ther Tuesday, Aug. 10, 1915 Wea
Fine

For most part clear with light
cool northerly wind. There was,
however, two brief showers in
late P.M. & thunder rumbling afar off.

Song Sparrows & Indigo bird in full
song several times during day. Robins
sang only a little & then but feebly.
Saw one feeding young in nest on
locust front of house. This, without
much doubt, must be the same bird
who reared her first brood this year in
nest built on round pole in our shed.
♂ House Wren sang once or twice. Saw
his mate carrying food into box on pole
& heard young chattering inside. This
pair were feeding their first brood in
another & nearby box the last of June.

Spent forenoon working with
Burton & George. We worked flower
beds front & rear of house & raised
a number of *Trinia* & *Actis*.

Gilbert & I left 7 am at 4.07 P.M.
just after reaching home at 5.15 I looked
skyward to see the Great Blue Heron flying
S.W. at enormous height.
I went with the Call - Walker at 6.30.

Cambridge.

Ther Wednesday, Aug. 11, 1915 Wea
Fossil? birds nest Fine

Clear with light westerly wind
and perfectly comfortable temperature
without obvious humidity.

In Garden: An adult Robin on lawn;
a silent Jay strutting through jungle;
a Red-eyed Vireo singing solos over
scare board than a Singing Sparrow &
not otherwise unlike one - in new
cherry tree by Museum gate; a few
House Sparrows, mostly on lawn; about
(25) Swifts flying at immense height
certainly not less than 300 yards - not
in any particular direction but hither &
thither as if feeding, keeping mostly in
sight for half an hour (4 - 4.30 P.M.).

Sam Heikshaw telephoned at 9 A.M., asking
me to come to Mrs. Comp. Ford. to see a
supposed fossil nest & eggs. I walked down
at noon & studied this specimen with
some care. If natural fossils, originating where
found in So. Boston shed, they may well have
belonged to a Plover. Robin Jackson thinks they
may have come from Italy where such things
are manufactured & sold, he says. I cannot
help suspecting some such origin.
Spent remainder of day in Museum looking
after letters. Took all these meals down on back porch.
Call from book dealer desiring data about father.

Percy Harris saw a Hummer (wh. third) at 6.30 P.M.

Cambridge - Boston.

Ther Thursday, Aug. 12, 1915 Wea
Fine

Clear & warm with light
westerly breeze.

In Garden: a Red-eye singing a few
faint notes, a silent Flicker, a few
House Sparrows. Swifts heard overhead
at sunset. Cicadas "frying". No
Tree Crickets as yet. They should
have become vocal a week or more
ago.

Spent a couple of hours after
breakfast (at which I had Harry Spelman's
company on back piazza) in Museum
& then went to Boston reaching our
office about 11.30. Left 5 hrs. Anaconda
stock there to be exchanged for new
certificates. Arthur took me to
Young's for luncheon. Back to office
after it. Thence up Washington St.
for shopping. Got a few new records at
Eaton Tapping Co. Home by 3 P.M.
Wrote to C. Solitary supper &
coming when I played the records &
laid aside them to keep.

Cambridge - Cohasset.

16 Ther Friday, Aug. 13, 1915 Wea
Fine

Clear & oppressively warm with southerly
wind, light at Cambridge, strong & fresh
on the Cape.

Spent forenoon in Museum writing
letters etc. A Jay & a Robin the only
birds noted. Went in town after
luncheon to take 2.28 P.M. train
for the Cape. Almy met me just before
it started. The air in our parlor car
suffocatingly hot & close before we got off
& not much better after that unless we
got to Buzzards Bay. On reaching West
Barnstable we entered a Stanley Stearns
& had a delightfully cool and also
casual ride to Cohasset Mass where
we found only Mrs. Almy & Helen.
Cabot we saw for a few moments at
the station on his way to Maine woods.
Took short walk in woods before supper.
The calls more or less demanded of later by
Gypsy Catbirds which, for first time, have
established themselves abundantly here.
Spent evening in parlor, talking.

Botuit.

Ther 90° mat. "Kicker" heard again. Time
Saturday, Aug. 14, 1915 Wea Fine

Clear & uncommonly hot for this Cape despite fresh southerly wind.

In early morning Pine Warblers, Chickadees, and Wood Pecks sang freely & delightfully in pine woods near about house. There was also loud cawing Crows and their screaming jays and calling Kingfishers. Besides a Red-eyed Vireo uttering a few disconnected notes very near & there. Many Terns flying over harbor mouth but only one seen to pass our house. As I was lying wide-awake in bed about 11 P.M. the shrill, fallible, Squawking "Crows" of a "Kicker" came suddenly & very distinctly to my ears, evidently from somewhere at or near the margin of the deep tidal channel directly in front of house & there, naturally fringed by salt marshes covered with sweet grass. The cry was given only once & followed the usual preliminary ki-kee being strongly ki-kee (or quell). Being here strongly salt the waters of this channel are unwholesome to any harbor fish of any kind. Great numbers of Great Scaup were seen outside harbor & all about P.M. - Sunday boy.

Botuit

Ther Sunday, Aug. 15, 1915 Wea Fine

Clear, hot & humid. Light southerly breeze freshening for a time in mid P.M.

Again a delightful if somewhat meager & intermittent early morning concert of bird voices intermingling pleasantly with the sighing of wind in fresh pine tops just outside my open window. Most of the birds there heard were Wood Pecks and Pine Warblers, both apparently numerous and widespread. The Red-eyed Vireo was again, almost silent. A Song Sparrow occasionally sang well and Chickadees called pe-be rather freely. During a woodland walk we heard a Cat-bird, started a Partridge & saw a Red-shouldered Hawk on wing & very near. At evening Great Blue Herons, at least 3 or 4 in number, kept flying to & fro low over the channel, alighting at its grassy edge where I saw a Green Heron also in foot Terns passed in or out during day. Along & I took short woodland walk in P.M. In P.M. we had a delightful sail with Helen & Mrs. Smith. Along with every hour a hatter was here.

Botuit

Ther 90° Monday, Aug. 16, 1915 Wea Fine

Clear, hot & humid. One of the most oppressively warm days I have ever passed on the Cape. During a comparative calm that lasted most of forenoon the thermometer rose to 90° but fell quickly to 86° towards noon with the rising of fresh S. W. wind.

The song delightful early morning singing by various species of birds as on two preceding mornings. The Wood Pewee kept it up through much of forenoon. They seem very numerous & concentrated in their pick from woods - quite as much so indeed as I have ever known them anywhere. In late afternoon I saw a Hummingbird at butterfly pond and three Swallows, two Barn & one Tree. Heard a Night Heron & wailing about 9 P.M.

Spent forenoon in house, reading, writing & talking. In late P.M. took a short woodland walk with Mrs. Almy, Mary & Anna around farm near Horn at 7. We passed a social evening in living room.

Botuit - South Yarmouth.

Ther Tuesday, Aug. 17, 1915 Wea Mixed.

Forenoon cloudy with occasional light showers. Heavy shower at noon after which the wind changed from S. W. to N. W. and the temperature fell abruptly. Afternoon brilliantly clear with cool, vibrant wind.

Shortly after 9 A.M. I started for South Yarmouth in Capt. Howe's "Slender Steam" accompanied by Mrs. Almy, Helen & Miss Smith. We stopped at the Buxton's where I spent half an hour with my old-time friends Minnie & Fanny who seemed to enjoy our visit as much as I did. They have increased the kitchen house & made it very attractive without materially changing anything. Minnie has gray & Fanny white hair but both seem well & vigorous still. Fred Hurdley had departed for Boston & Bernard for his oyster beds just before I arrived.

We reached South Yarmouth about 11 after a pleasant & delightful ride. Passed a shallow pond where with water lilies Mrs. Stone took me to Swan Pond in P.M. It is wholly unchanged. A W. Woodcock, a Seal Tern & a Kingbird fly over at 4. W. Jay & ...

South Yarmouth.

Ther Wednesday, Aug. 18, 1915 Wea Fine

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

In forenoon walked with Mrs. Stone through wood roads to Jagne's & Long Ponds both of which were as attractive as ever with marsh plants of various kinds blooming profusely about their grassy borders. Rhusia made the forest show being in its prime.

Arbutus seemed no less abundant than of yore but had few blossoms showing.

Golden Aster in fullest bloom & very showy along the sandy roadsides. Encountered several mixed flocks of woodland birds comprised mostly of Chickadees, Pine Warblers & Wood Pewees, the two last singing freely, the first occasionally. A few Ant-troons' hole where we saw them two years ago.

Home in time for luncheon. In P.M. read & strolled about the place with Mrs. S. Her cousin, Miss Crosby, arrived at 4.

After that we called on Mrs. Fritham who lived with us at 7. Spent some Yellowlegs & other things in both P.M. not able to identify & count

South Yarmouth

Ther Thursday, Aug. 19, 1915 Wea Fine First Tree Cricket

Clear & warmer. Strong W. wind

Spent forenoon partly in house, partly in Mrs. Stone's flower garden helping her spray it with Borax & kerosene because of weevil troubles. One was hoarse & hummed there together, both with heads, one apparently ad♀ in mid moult.

A Song Sparrow singing occasionally & a meadow lark fairly close to house. Also Bluebirds & Chickadees calling. One Tree Cricket chirping at us - first heard by me this year. The long-blossomed, big, green, Loosely(?) not much in evidence. Only one heard.

In P.M. we walked down the shore road to opposite the ferry. A few terns & two laughing Gulls flying about there. A Green Heron reared on peninsula of rocks, about lying at anchor in mid stream. Swallows (all Barn) passing southward singly or in couples every now & then. No sight or sound of Semipalm birds along shore.

We dined at Mrs. Frothingham's at 7 & passed a very pleasant evening there.

South Yarmouth - Cambridge

Ther

Friday, Aug. 20, 1915

Wear
7 in

Sunny but hazy. Warm with light southerly breeze

Left S. Yarmouth by 9.50 train. Collins took me to station in light spring wagon drawn by quiet, per-gated horse - altogether a delightful experience because now so rare. While journeying towards Boston I looked out of car window most of time. Saw very many Kingbirds & Swallows flying over Barnstable Marshes & Meadow Lakes rising commonly from grassy fields. Terns constantly in sight over Cape Cod Canal as we skirted it. At its western end they literally swarmed many perching in rows, like Swallows, on its bordering telegraph wires. Upward of 300 seen in all. Several Dorying Gulls with them. Oak woods very generally ravaged by Gypsy larvae all way from S. Yarmouth to Braintree. Trees thinly foliated with new, light green leaves. Reached Boston at 12.30. Called at office & saw Arthur & Darling. Lunched at Masters Home by 2.30. Found 10+ Robins, 3 young Orioles in full ant. plumage, a male Thrush & a Flicker, in Garden. Heard Swifts. Two Cuckoos in nearly full chime at one. Wrote letters until dark. Supped alone in Bull parlor. Called on Jerry Fuller later.

Cambridge.

Ther

Saturday, Aug. 21, 1915

Wear
7 in

Sunny but densely hazy. Comfortably cool with light easterly wind.

In Garden at 9 a.m. - Six or eight Robins, five Jays, at least two young Orioles (in tall locusts), a Red-eye (singing feebly), a Flicker, a Downy (heard only), a Grackle & a few House Sparrows. Also an ad. ♂ Goldfinch among the sunflowers. At evening at least ten Swifts over Cambridge about low overhead. Early in forenoon heard Warblers chirping in Juniper & got a glimpse of one chasing another on wing but failed to identify either bird.

It was pleasing to hear Cicadas frying through the midday hours at intervals & Tree Cuckoos feeding after dark. Mosquitoes continue to swarm out of doors but no longer trouble as much in the house.

Spent entire day in Museum writing letters. Had breakfast & luncheon alone on ball piazza, dinner at 6.30 with the Cobbs & Fullers. Spending evening with

Cambridge - Concord.
Dear tracks both fresh & old in Cedar Park.
Ther Sunday, Aug. 22, 1915 Wea
Another excessive rainfall Foul

Forenoon partly sunny, mostly cloudy,
with violent S.W. wind. Raining most
of afternoon & much of evening, at
times very heavily, in rapidly
succeeding showers of very unusual
violence but without thunder or lightning.
Rather warm & very humid all day.

Walked through Garden & jungle
just after breakfast. Three adult Robins
only birds noted there.

Leaving home at 8.45 a.m. motored
to Concord with Gilbert via Watertown,
Waverley, E. Lexington, Lexington &
Bedford. Almost the only birds seen
were a few Swifts & Barn Swallows.

Chickory in fullest bloom making
a superb show in places. Much golden
rod, also. Village gardens ablaze with

flowers especially phlox & golden glow.

Junia bed at farm simply dazzling.

Walked with "Jim" to Birch Field in P.M.
returning drenched by sudden shower.

Almost no birds. Noted only a Song Sparrow
a Swift & a Barn Swallow.

Concord (Farm)

Ther Monday, Aug. 23, 1915 Wea
Mosquitos. Wrens now young. Fine

Clear with light westerly wind, fading
at times. Oppressively warm & humid.
Mosquitos quite as numerous as I have
ever known them at Lake Umbagog, rising
literally in clouds whenever one enters
thicket of bushes or tall woods in low places.

Birds of every kind uncommonly scarce.
Local breeding ones mostly gone, apparently,
& not as yet replaced by migrants from
further north. Three Robins in orchard,

2 Song Sparrows, a Chaffy, several
Bluebirds (heard) & Bobolinks (heard),
2 Flickers, (9) Barn Swallows (flying S.W.),
several Jays & Crows (heard) and a
brood of House Wrens, a ♀ D. Wren &
a Maryland Yellow Warbler. were all I noted

I had from 11 to 26. The Wrens breeding in front
of our house were feeding young in box near old
well. On August 10 they were feeding their second
brood in box 50 yds to S. near Catalpa.
To day they were feeding them in a box near
well but not the one in which the first brood
was reared. The young chattered to-day
much as on the 10th. They must have
been moved from one box to the other since then.
Spent most of day working in flower
gardens with Burbank & Gay. Walked
then, Perry Poston on Cot. T. M. Sarah Reed,
William & a Mr. Rolf called at 11 a.m.

Concord (Farm)

Ther

Tuesday, Aug. 24, 1915

Wea
Fine

Almost a perfectly duplicate of yesterday, equally warm & humid but with more & fresher westerly wind.

Continued dearth of bird life. Heard Bluebirds & Bobolinks calling through day at infrequent intervals & the twittering of a Swift (very high overhead) in forenoon.

Only a Red-eye saw & he but feebly. Wrens still feeding young in box. Young Robin squawking in orchard. A Pheasant called once at sunset. Barn Swallows migrating S.W. all day in small, straggling flocks. In Cedar Park a hen Partridge, fully grown, flew from high blueberry to dead branch & sat there looking at me 20' off.

Rabbit 2/3 grown on lawn last eve. near barn late this afternoon.

Water everywhere, filling brooks, ponds & swamps being full, flooding river meadows & mallow over our best drained slopes positively boggy still. Mosquitoes everywhere in myriads & terribly annoying for blood. Bushes of fern early flowers & plants lifeless. Spent most of day working in front of house with men. Planted corn etc. Woodcock Scudder called in P.M.

Concord (Farm)

Ther

Wednesday, Aug. 25, 1915

Wea
Rainy & fine.

Raining steadily, at times heavily from 3 to 10 A.M. After the lather hour the weather much like that of yesterday viz sunny, oppressively warm & humid. Evening cooler with fresh N.W. breeze.

The most nearly birdless day of a comparatively birdless week. Although out of doors almost continuously I saw or heard in all less than a dozen birds. These being 4 Robins (2 ad. 2 fat-tail young), 3 Barn Swallows (flying N.E. at 4 P.M.), 6 Kingbirds (in straggling flocks, flying high to S.W. at 3 P.M., apparently on migration), 3 Choppers in orchard.

Black Field Crickets chirping numerously by day & night but no Tree Crickets to be heard on any form. Nor have I noted a Cicada here as yet.

Numerous large slender, glossy black, long-legged Beetles attacking our China Asters eating out central part of blossoms.

Spent forenoon in barn with George & Barbara sorting & repairing pine boards. Picked about a bushel of peaches in P.M. & sent baskets to the Whites, Sarah Ann & Mrs. Melvin.

Concord (Farm)

Ther Thursday, Aug. 26, 1915 Wea
C. returned to Camb. fr. Williams-town Perfect.

Brilliantly clear & deliciously cool
with fresh, breezy N. W. wind.

Heard migrating Warblers chirping
frequently at 9.30 last night but could
find only three in our woods to-day & one
of them a D. virens. The other two, together
in oaks & birches in Birch Field, near
Bay - Branch, both evidently young of the
year, one showing barely a trace, the
other a faint but decided wash, of bay
on the flanks. 6 Robins (4 ad, 2 young so
feeble I judged they could fly only a few yards)
a Barn Swallow south bound, a Song Sparrow,
a Downy and a Goldfinch, an Oriole,
a few Crows & a Jay were literally the
only small local breeding birds seen or heard.

3 full-grown young Partridge flushed by
"Jim" in Berry Pasture alighted in bushes
within 10 yards & stayed at one place. I
heard several Cicadas.

Spent most of A.M. putting rustle
& traps in order for storing fowls. In P.M.
walked through woods with Benhardt.
C. returned to Cambridge from Williams-town.

Concord (Farm) - Cambridge.
Migrants in Camb. Garden

Ther Friday, Aug. 27, 1915 Wea
Fair

Cold night followed by warmish day with southerly wind.
Sunny but very hazy & also somewhat cloudy.

Spent forenoon out of doors at Farm, picking
peaches & plums, pruning & propping fruit trees etc.
not many birds. Red-ey singing briskly, least
Flycatcher calling toot in orchard, pair of Maryland
Yellow-throat among weeds near hen house.

Left Farm at 1.45 & motored to Cambridge via
Carroll Bridge, Bedford, Lexington & Rapid Brook.
Saw almost no birds save House Sparrows.

Reached home about 3 P.M. finding C. & E. R. S.
there. Garden alive with birds. Spent fully an
hour following them about, opera glass in hand,
tormented by swarms of voracious mosquitoes.
Keeping mostly to Birch grove were interesting little
party of migrants made up of 6 Bay-breasted
Warblers (1 ad. ♂ with jet black wings & tail & much
bay on flanks, & 5 young with little or almost no bay)
a ♀ Minutilla, a young Canadian Warbler (keeping
connection of feet from rest among, thinning as near
of Museum), an Empidonax which looked like
parvirostris but was not certainly identified.

Besides they saw several Robins, 2 Jays, a
Titmouse, a Downy (heard), an ad. ♂ Goldfinch & Red-eye,
a Sparrow hawk (on wing), a flock of about
100 Starlings flying low over road followed, a
number (less than 3 seen) at sunset 20
Songsters (counted) chirping high & as dusk
feeding among them several young birds with
short wings & fluttering flight. Also a pair of H. sparrows
There I noted an all. Myiarchus sp.

Spent evening in hall with C. & E. R. S.
We read our notes & played bratol.

Cambridge - Boston.

Ther Saturday, Aug. 28, 1915 Wea Fair

Sunny but very hazy & somewhat cloudy. Very cool with light northerly wind.

In Garden, shortly after breakfast, found 3 Bay-breast Warblers & a ♀ Minchilla flitting about in birch grove where the same species were noted yesterday. No doubt they were the self-same birds reduced in numbers by the departure of a portion of the flock last night. They were all the north-bound migrants I could discover but there was also a Goldfinch there this morning. Later in day (at 3 & 4.30 P.M.) I searched the entire grounds carefully without seeing or hearing a bird of any kind.

Went in town at 9.30. Bought at Browning, King & Co's, Washington St, mostly at greatly reduced midsummer rates, shirts, under wear, neckties etc. to the total amount of \$38.98. Next to Stearns when I took out five new September records. Thence to office & saw Arthur & Darling. Home & luncheon with C. & E. R. S. at 1.30. Wrote letters in P.M. Called at the Deanes' at 7.30 & saw Charlie, George & Mary. Played new records to C. & E. R. S.

Tree Crickets in full chorus after dark.

Cambridge

17 Ther Sunday, Aug. 29, 1915 Wea Dull

Cloudy, calm, cool, with light rain in early morning & mid afternoon.

In Garden: Noted birds of three species only - a Robin, a Grackle (heard) and 2 Swifts (circling high at sundown). Tree Crickets in old-timer numbers after dark. Very few Butterflies come to our flowers this summer and Percy has seen but one Heavy Metal. Ten or a dozen Green Frogs, transformed in June from tadpoles brought from Concord last autumn & kept through winter in aquaria jars, have remained contentedly in pond front of museum & are now about one third grown.

Those similarly introduced there in 1914 did not reappear this Spring. Garden Toads have spawned three repeatedly since April. A few of their tadpoles still remain. Adult Toads increasingly numerous in Garden.

Spent most of day in Museum writing letters. Sarah & Clara Home called at 8 P.M. Victoria music 9.10 P.M. Open fires in hall & Museum.

Head. chirp of migrating Warbler at 7.45 P.M. (west. side of pond)

Cambridge - Boston - Concord.
migrating Warblers chirping incessantly
Ther Monday, Aug. 30, 1915 Wea
at 9.00 P.M. Densely foggy then Rainy.

Cloudy, calm, humid & warm,
with fine rain falling thro' forenoon.

Sky cleared shortly before sunset.
Densely foggy after 9 P.M.

In Garden failed to see a single bird
of any kind during a hurried walk
about it just after breakfast but
heard a Warbler chirping there.

Went in town at 9.45 to spend
forenoon in our office where I
saw Arthur, Gallinger & Darling.
Sent a cheque for C's account to Geo V.
& got some gold coin for a birthday
present to her to-morrow.

After lunching at Marston's visited
Fetter, Fisher & Rawson's where I saw
a wonderful display of dahlias &
ordered some for next year.

Took 2.40 train to Concord.
where Gilbert met me. After
reaching farm spent an hour in
Harry Pastorek's garden. Almost no birds.
Saw 3 Barn Swallows & 4 Bluebirds.
Linn flushed 4 young Pheasants.

Concord. (Farm)

Ther Tuesday, Aug. 31, 1915 Wea
Free Cuckoo's. Fine

Clear & cool with fresh N. W. winds.

Very few birds. Maryland Yellowthroat
heard & young Chestnut-sided Warbler
seen, near hen house. Several Robins,
one or two Jays, a Flicker, a Downy
& a Pheasant seen or heard near
house; Crows cawing of us off.
Last night I heard Free Cuckoo's
here for first time this year. There
were not many & perhaps no
more than two - somewhat not
far from our house.

Monsou & Zeph came this morning.
I sent the former, with Buxbank,
to Acton Powder Mills for two boxes
of dynamite. They did not get back
until near noon. Worked through all
with Zeph & in P.M. with both men,
cutting & burning brush between
Bangalore & old Barrett barn. Also
jacked peaches & plums. Mrs. Melvin
called in P.M. bringing me a fine
picture of Jim.

Bowcord (Farm)

Ther Wednesday, Sept. 1, 1915 Wea
Fine

Clear & cool with light N.E. winds.
Clouds gathering at sunset.

Continued & indeed, increasing, scarcity
of birds of almost every kind. Although
constantly out of doors from 8 a.m.
to 6 p.m. I saw less than twenty birds in
all. These included 7 Chickadees,
8 Chipping, a Hairy Woodpecker,
two or three Crows & a single Pheasant.
There were also two Leucisporus
Warblers & a ♀ D. virens & a
Solitary T. Flicker.

Spent most of day with
Morton & Zeph who worked in
the grove behind barn cutting
down trees & removing brush.
Welded up blackberries in great
profusion there - also subsequent
sniffly maddening towards sunset.
I was then engaged in picking
peaches - immediately from trees.
A Mr. Ramsey called at 4.30.
He said he was picking up something
about Thoreau for a book he is writing.

Bowcord (Farm)

Ther Thursday, Sept. 2, 1915 Wea
Fine

Clear, calm, very warm but not
humid; hence a delightful, summer-
like day.

Almost no birds. Two Robins on wing,
a Barn Swallow southward - Ground
high in air at 9 a.m., three Warblers
that I failed to identify flitting about in
tops of tall oaks behind barn, a mewling
Catbird near barn, a Nuthatch calling
in dooryard elms, a screaming Jay
and a Screech Owl warbling in evening.
Twilight was literally all the birds
I noted. No! There was one other
- an adult ♂ Goldfinch that sang
free & sweet for several seconds in
mid forenoon.

Spent practically entire day
picking, sorting & packing peaches &
Jellies. Sent a box of them to Dan
& put up a basket for Dick (Dana).
Gilbert took another basket to
Stead Buttrick's. About W. Doolittle
called in P.M.

Record, Cambridge, Mass.

Ther Friday, Sept. 3, 1915 Wea
Fine

Clear, calm, warm but not about
humidity. Altogether a delightful day.

Leaving farm at 8 a.m. with
and to Cambridge via North Bridge,
Airport, Lexington & Trapelo Road.

The only birds, besides House Sparrows,
seen during this time were a pair
Juncos & about a dozen small birds
The latter feeding in a pasture.

On reaching home I went through
Garden & kept both ~~eyes~~ around
birds save for the presence of a Robin,
a Water Thrush, a Crow, a Blackbird, a Jay,
Red-eye (singing softly), a pair
Honeycreepers & a Towhee heard
chirping not uncommon & unidentifiable.

To return at 10 a.m. the board covered
in paper & the car. I was by
appointment. Had my talk with room
about, always meeting. Hours by me
to find H. W. Thayer's address, and
the house at 100 St. of St. St.
In P.M. we looked at specimens from my
them on leaves for evening, and
class notes. Many warblers called out.

Cambridge - Bethel
Howard Jefferson killed at Hill 70, Dardanelles
Ther Saturday, Sept. 4, 1915 Wea
Sun Sept 27. Heavy & tumal Warbler flight. Fine

Brilliantly clear & oppressively warm
& humid with light southerly wind

Henry H. & I left home at 8 a.m. in
motor to Porter's Station where we took 8.10
train to Boston & 9 a.m. Eastern Div.
train thence to Bethel. We reached
Portland at 12.15, dined in Union Station
then, left at 1.12 & reached Bethel at
4.30. going through all 1000 ft. from Boston
in same parlor car. Fields & pastures
everywhere as uniformly green as they
were in May & the foliage was
impassant & deep green with here & there
a touch of brilliant autumn coloring.
noticed no birds save those that were
flying birds in upland fields and in
better Puffs of the bog streams in Portland
town & I read & talked by hours as
we journeyed on together, smoking
in the Sun - heated railroad cars.

Dr. Gearing met us at 10 a.m. & at once
took me to his house, you see, the house
I saw on the hill. I had to look for it
I spent part of evening in lounge, part at Bethel Inn.
Migrating Warblers chirping incessantly as we
walked home at 11.15. ^{of these patterns} ^{the} ^{warblers} ^{heard}

Bethel

nocturnal flight of Thrushes.

Ther

Sunday, Sept. 5, 1915

Wea

Flood of migrant Warblers.

Fine

Brilliantly clear & just pleasingly warm with little or no wind blowing.

Leaving home about 10.30 a.m. The Doctor, Henry & I had a delightful woodland stroll, first to the Shack, thence to Rose Meadows, back

past Charles & then flower garden. Rarely if ever have I seen within an equal space of time and area so many Warblers of so many different species. They occurred by hundreds of about thousands in the grassy bushes about the Shack being distributed throughout the length & breadth. This cover so abundant that scores were in sight at once wherever we went. Not were they any less numerous in the swampy bush thickets just to the eastward of our house where I had them under close observation most of P.M. Elsewhere they were omnipresent but much less plentiful especially among dense conifers.

Altogether I identified 20 species viz the Nashville, Tennessee, Orange-Crown, House, Black & White Cuckoo, Cape May, Bay-breast, Magnolia, Chestnut-sided, Yellow-rump, Black-thr. Green, Black-throated, Black-poll (only 1), Mourning (but 1), Maryland Yellow-throat, Ovenbird, Water Thrush, Canadian, Wilson's Black-cap, & Redstart.

The bulk of the flight was evidently composed of Bay-breasts of which I identified at least 25 & probably also upwards of 100. Tennessee Warblers came next in numbers about a dozen being certainly 200 or more & perhaps there as many seen. It was slow & difficult work securing check identifications because of the bewildering numbers of the birds, the excessive leafiness, the density of the foliage & the comparatively limited time I could give to the searching without dragging my companions. In P.M. I had a better chance in anyway for the birds came out into full view along the thicket edges as I sat on the piazza watching them. Spent evening in lounge. At 11 P.M. as I walked back to my room Thrushes were calling incessantly overhead. They were nearly all live backs I thought.

Bethel.

Ther

Monday, Sept. 6, 1915

Wea

Dull.

Thin cloudy with occasional light showers. Light winds at first easterly, then southerly.

Spent forenoon on piazza or near it talking with Mr. Breed & Mr. Howe. Also strolled down street with Henry to buy a few things at Clayton Rowes. He, poor man, has recently lost a leg from gangrene. In P.M. Henry & I walked to Shack & half around mill pond where we saw 2 night hawks feeding on wing. In Shack woods we came upon a flock of over 200 Warblers mostly Yellow-rumps & Black-throated Greens with a sprinkling of other kinds including a few Bay-breasts, Tennessee, Magnolia & one Striped. Among low, flat-topped spruces on the common we saw 2 ♀ Cape May Warblers & not less than 6 others in a row of balsams bordering our flower garden near house. Also saw a young ♂ Cape May in Shack woods.

Yesterday evening counted 102 Chipping Sparrows on one lawn & heard of 200+ on Bethel Inn lawn. There were about 30 on former lawn this evening. Heard instead of by Colburn & Rose Cr. Greenback Calliope.

Called on the Harbors at 8.30 P.M. & spent an hour there. Henry & I talked with Doctor Carter in lounge. To bed at 11.15.

Bethel - Cambridge.

Ther Tuesday, Sept. 7, 1915 Wea
Heavy nocturnal Warbler flight. Fine

Sunny but hazy. Rather warm with
light S. wind.

Left Bethel at 8.50 a.m. in company
with Dr. Breed of Greenland, a bright
& agreeable man. We talked most of
way to Portland & parted there. I also
looked out of car windows to see, on
passing through townships east of
Byants pond; large flocks of Chiffins
& smaller ones of Robins & Bluebirds,
rising from fields as the train sped by.
Very little autumn coloring during
this part of the journey but several
maple swamps appear with a touch
of Portland. Reached Boston, on home
line, at 4.20 & Cambridge at 5.15.
Water Thrush & 2 Blue Jays in Garden.
Very many Warblers migrating
over it at 9.30 P.M. when I
heard them chirping almost
incessantly.

Spent evening in hall. S. B. S.
read war news aloud & I played
beetle music.

Cambridge.

Ther Wednesday, Sept. 8, 1915 Wea
Fine

Sunny, hot & humid with light
westerly breeze. Altogether a very
summerlike & rather trying day.

In Garden; a Robin, Water Thrush,
Goldfinch, Flicker, Blue Jay, Grackle.
Saw no other birds there although
there were many seen passing on
migration last night & a few in night
tree (well) still flying mostly over
field in numerous flocks, of all sizes,
mostly in line of ground very near.

Spent most of day in kitchen
reading letters etc. Sent Robert to
work. Received business letters several.
He returned about 3 P.M. with a
lot of German birds. Many of
various kinds all very small
coming to go to covered or to small
pens including bluebirds, chickadees
& the juncos.

G. B. K. ...
... ..

Cambridge - Boston - Concord

Ther Thursday, Sept. 9, 1915 Wea
Fine

Clear, calm, intensely hot & humid
Altogether perhaps more trying
than any day of past summer.

In Garden: Water Thrush & unidentified
Warbler heard chirping.
Flicker seen.

Concord Farm: Catbird mewing &
Tanager calling chep, near house
No other bird of any kind noted,
between 4 P.M. & dark, except a
Phoebe in full song for half a minute

To Harvard Square for hair cut at
9.45 a.m. Home to Boston.
Spent two hours at our office
where I saw Arthur, Gallagher &
Dealy. After lunching at Marston's
went to Fother, Fisk & Rawson's where
I saw wonderful display of
dahlias & ordered some for next Spring.
Next called at Park, Pollard Street.
Took 9.40 train to Concord where
Gilbert met & met me to farm.
Strolled around then until sunset.

Concord (Farm)

Ther Friday, Sept. 10, 1915 Wea
Fine

Cloudless & intensely hot with,
however, a rather fresh & cool N.W.
breeze blowing thro. most of day.

Heard Warblers & Thrushes (Vireos, I
thought) calling overhead about 10
o'clock last night but there seemed
to almost no migrants about on
Farm to-day. I heard on or
two Warblers chirping in tops of
leafy trees & saw a ♀ Black-thr.
Blue in shrubbery close to house.
Of local birds I saw only 2 Robins,
3 Chippies & a Crow. Heard a
Chickadee, a Nuthatch, 2 Goldfinches,
one or two Jays. Screech Owl hooting
near house at 7.30 P.M.

Buckton & I spent forenoon
sitting out vases and picking
flowers. Of the latter we got
about 4 bushels, all very large
& handsome & of delicious flavor.
In afternoon rambled about place
doing this & that. Then men working
on road to Burlington.

Concord (Farm)

Ther Saturday, Sept. 11, 1915 Wea
"Jim" kills his second Woodchuck. Fine

Cloudless & intensely hot despite a rather brisk westerly breeze.

More birds than hitherto. Heard Crows & Jays at sunrise & at least one Red-shouldered Hawk (screaming long & loud, at 8 a.m. A Nuthatch grunting over calling wo-wo-wo in elms.

A Red eye uttering whining cry there.

(9) Cedar birds on wing; also a family party of 5 Goldfinches, old & young. Several unidentified Warblers keeping high in oaks & elms.

Cat bird mewing & singing solo over at sunset, in thicket: front of house.

Solitary Flicker & 4 Chipping. Very giving ordinary clay call (phen) many times in run as twilight gathered

Spent entire day picking, sorting & sending off peaches. Gilbert took baskets of them to Fayou, Lyke, Galloup & Miss Kimball, at Lexington in a.m., to Geo. Hayes, Charles Carter, Mrs. Melvin, Dr. Chamberlain, Mr. Dexter, Harry Rockwell & Sarah Ann, in P.M. I took 2 baskets to the house at 6 P.M.

"Jim" had desperate battle in Beech woods but not without getting an ear full. This at 3-4 P.M. Woodchuck finally killing him with some help from me.

Concord (Farm)

Ther Sunday, Sept. 12, 1915 Wea
Juncos arrive. Fine
Deer tracks.

Brilliantly clear & refreshingly cool with light northerly breeze which, however, changed to easterly towards sunset when the sky became overcast with streaky clouds in direction of coming foul weather.

Not many birds. Cat bird, 4 Chipping Goldfinches, a Downy & a Nuthatch (White bellied) near house. In neighboring woods 3 Robins, several Jays, 2 Black-thr. Green Warblers (one adult singing faintly & listlessly) a young Chestnut-sided Warbler (in top of tall elm), a Red-bellied Nuthatch (whining) a few Chickadees, a Hairy Woodpecker, a few Crows, 2 ♂♂ Juncos (in Beech field)

Noticed deer tracks (of large buck & smallish doe) in wood paths but all rather old.

Walked to the Spring just after breakfast & again an hour later when Charles & Mrs. Carter, with Barbara, came. Mrs. Melvin called in P.M., bringing her sister & companions & a Russian Officer.

Conecord (Farm)

Ther Monday, Sept. 13, 1915 Wea
Dull.

Cloudy with light easterly wind and a sprinkle of rain drops every now & then.

Very few birds seen or heard. A Cat bird meowing behind barn & another in Berry Pasture, a Cedar bird flying in company with two Robins, a Song Sparrow & a House Wren & in the lane, two or three Crows & Jays and a Partridge flushed by "Jim" in Berry Pasture were about all I heard. (Oh! there were also a family party of Goldfinches among wild sunflower heads & one, an adult male, sang well, but briefly.

Had a long, strenuous day with the peaches - white ones mostly. Picked & packed many basket fulls, some sent to Davis for sale, others to various friends including Dan Finch, Alice Stone, Stead Burtwick, Mrs. Melvin, Sarah Ames, Adams & Jolander. Walked thro Berry Par with little Jim in car 1 P. M.

Conecord (Farm)

18 Ther Tuesday, Sept. 14, 1915 Wea
91° Boston, H. W. Henshaw arrives Fine
82° Farm

Cloudless, hot & humid with light S. W. wind. With respect to combined heat & sultriness perhaps the most trying day of the past three months. Evening comparatively cool, however, & I slept under light blankets all night.

Desperately few birds. Indeed I noted almost nothing save Crows, Jays, 3 Song Sparrows & as many Chipping near house, several Goldfinches at Mrs. Sunflowers, a half a dozen of both species in our clove yard & one, a Swainson's Thrush calling faintly at evening in the Run.

Spent most of day in house writing letters. Gettier went to Cambridge with peaches. Mrs. B. got my dinner. Telegram from Henry Henshaw in forenoon say he was coming from Bethel. He arrived at station about 5 when I motored there to get him. Talking & visiting much in evening.

Concord (Farm)

Ther 94° - Boston (off)
88° - Concord Farm. Terrible heat. Fine

Terrific heat & wetting humidity but slightly atoned for by light westerly to southerly breezes. Altogether a more trying day even than yesterday & indeed one of the worst I have ever known here.

Continued dearth of birds. Almost none about farm. Nuthatches of both kinds calling in dooryard chest, a Brown Thrasher in Busy Pasture. Solitary Black-bellied Nuthatch seen in birch, Petchin place. A Cowbird, a Song Sparrow, several Chiffchaffs, Crows & Jays. Also a Flicker.

It was too hot to work out doors or to write in house. I tried both in vain & passed a perpetually day doing little or nothing. The men stuck to their tasks fairly well. Aunt "Fie" was utterly prostrated. Gilbert visited. Henry to Webster to see his sister Mary, who has just had paralytic stroke. They returned at 4. Dexter came down to help wrapping

Concord (Farm)

Ther 94° - Boston (off)
88° - Farm. Intense heat. Fine

Clear, intensely hot and humid, almost or quite windless. These conditions prevailed up to 4.30 P. M. after which two heavy thunder showers passed, one to north, the other to south giving us only a little rain but bringing refreshing coolness.

Rarely if ever before have I experienced at any season such an intolerably hot & oppressive day. I tried in vain to write and could find no comfort anywhere out of doors. Man & beast seemed equally unable to cope with it although our men & horse did keep at work in shady places. Of birds there were almost none to be seen or heard. The Cicadas "fried" all day, after dark there was a full & rarely animated chorus of insect musicians.

Henry motored to Woburn with Gilbert to see his sister Annie. I spent much of day in house. He had a Victrola concert this evening.

Concord.

Ther Friday, Sept. 17, 1915 Wea
90° Boston Ezra Hayes's death Fair
86° Concord

Forenoon sunny with fresh W. breeze. Afternoon cloudy, calm, intensely hot & humid. Altogether another very trying day albeit less so than yesterday & Wednesday.

Hardly any birds seen or heard about our place. (7) Cedar birds in hallow, a House Wren in wood pits, a Robin calling, an unidentified warbler chirping, Crows & Jays heard at a distance.

During a motor trip in P. M. saw several flocks of Bluebirds & Chipping along roadside in Hingham County region.

Spent most of day separating work & news, filling feathers, talking with Henry. He & I returned to Reading Beach Meadows in P. M. saw large lot of Strawberries loaded with ripe fruit. The Advertiser tonight, startling news of Ezra Hayes's death by drowning Tuesday night probably suicide. Had long telephone

Concord (Farm)

Ther Saturday, Sept. 18, 1915 Wea
7 in

Clear & comfortably cool with fresh N. W. breeze.

Two young Black-poll Warblers in apple orchard, a Black-throated Green with 7. Chickadee & 3 Juncos, in Birch Field. Robin & Nuthatch calling near house, Red shouldered Hawk & Jay screaming in woods. Crows carrying hostility at sunrise. Pleasant calling at sunset.

One Song Sparrow near house. There were nearly if not quite all the birds seen or heard by me.

We breakfasted at 6.30 & unable Henry to take 7.28 train for Boston & 9 A.M. train thence to Bethel. He seemed nervous & overwrought, evidently dreading the journey & worrying about it. Blackhawk & I filled feathers in A. M. Gilbert sold them to Deans 3 bushels in all. For same I got \$2.40 for bushel. Walked to Birch F. in late P. M.

Talk with Sarah Anne at 9 P.M. offered very serious but she said I could do nothing

Concord (Farm)

Ther Sunday, Sept. 19, 1915 Wea
7:00

Clear & cool. with light westerly
breeze. Heavy rain from 3 a.m. to
day break.

Rather many birds at least as
compared with past ten days.
Heard Warblers chirping very frequently
overhead last night (9 o'clock). To day
found Black jacks scattered here &
there in woodland. At 9 a.m.
saw 7 White-throated Sparrows
(mostly adult) & a pair of Towhees,
on stone wall front of house.
Heard call of Bobolink, same here.
Saw a Junco & a flock of Chickadees
in back field. Brown Creeper in
woods. "Jim" started 5-Parted sp. in
kennel, foot of lawn, & 2 more in
back field. 2 Cat birds. Brown
Throated in Berry Patch. Humming bird
(white-throated) at our flowers.
Red-shank. Hawks seen in A.M.
Spent A.M. in house working.
P.M. strolling about with "Jim" who
killed a large Woodchuck in miller's field

Concord (Farm)

Ther Monday, Sept. 20, 1915 Wea
7:00

Clear, warm and somewhat
sultry with light S.W. wind.
Clouds gathering at sunset.

Not many birds. 6 Robins flying
over orchard, two Cat birds mewing
in fruit-laden elms front of house,
a Downy & a Flicker calling by day
and a King bird (exceptionally late
record) at sunset, a Purple Finch
& the usual Crows & Jays, make
up about the same total. There were
also one or two unidentified Warblers,
presumably Black-jacks, in tree tops.

Gilbert returned to Cambridge with
peaches, corn etc. for various friends.
Monsey Cooper & Lawrence's men hauling
big rocks for hillside road. Jeff & George
cutting corn in Tuttle's place.
I wrote letters & picked peaches.
Dexter came down on his wheel
at 6.30 and spent evening.
Turned bed & N.E. after at day break
& nothing but rain then. Also morning glory -

Concord (Farm)

Ther Tuesday, Sept. 21, 1915 Wea
Stormy

S. W. rain storm beginning at 9 a.m.
& lasting until 4 P.M. For two
or three hours the rain fell in the
flooding fields & roadway. Very warm.
Sky cleared at sunset when a fresh,
and N.W. wind arose.

Bird life again at very low ebb.
One or two museum hawks, probably
Striped, hissing in tree tops, a
Fairy Finch calling, a Phoebe
near barn cellar, about a dozen
Chipping in peach orchard, several
Jays & Crows.

We began picking peaches after
breakfast & got about two
bushels before the rain drove
us in. After that Ben & I
worked in shop & I wrote letters.

I have started with Pigeons again.
Bought 4 Fantail in Boston last
week & received 6 Housh of S. Yonkers
to-day - all pure white birds.

Concord (Farm)

Ther Wednesday, Sept. 22, 1915 Wea
43° (at 10 P.M.) Fine

Brilliantly clear with raging N.W.
wind. Cool in early morning, still
more so at evening although wind had
killed them.

A flock of about a dozen Goldfinches
(mostly young) in wild sunflower bed,
2 Chukars in Bird Field, a Cowbird
singing softly in Fussy tree thicket,
a solitary young Black Poll in oaks near
barn, a single Song Sparrow, a Downy,
a few Crows & a single Red-wing
Blackbird (apparently ♂ juv) flying
low over our orchard, calling, were
literally all the birds I heard & heard
except 3 scattered Partridges flushed
by Jim when he & I were taking
a walk just before sunset, over
the open ground growing up to young
pines & blueberry bushes where the
oak woods were cut along road to Boston.

Spent most of day picking,
sorting & packing peaches with
Ben & Bob's help. Pat called in
forenoon looking for more grapes.

Concord (Farm)

Ther Thursday, Sept. 23, 1915 Wea
38° at sunrise 7:15 with hour frost. Perfect.

Beautifully clear with fresh, soft S.W. wind. Light white frost at sunrise, in low places. Delicately warm through mid day hours.

The cold snap of last night brought a light flight of migrants from farther north. In the Run near the foot of our lawn I came upon a little flock of them at 10 a.m. It included 6 Black-polls, a Micropus (♀), a beautiful adult ♂ Black-throated Green. These were all together in a group, back with several Chickadees. Near them a Winter Wren was heard, tick-ing, a Red br. Gnatcatcher chick-ing & a Canada Nuthatch whump. Not many birds elsewhere. Four well grown young Partridge, flushed by Jim in run, tree near, and sat staring at me.

Various gardening & farm interests absorbed my forenoon. Jim & I went to Bush Tield & Ketchin place in P.M.

Concord (Farm)

Ther Friday, Sept. 24, 1915 Wea
Dull.

Mostly cloudy with occasional brief intervals of sunshine & several light showers.

Comparatively few birds. The most interesting a pretty little Winter Wren encountered in our lawn where he kept dodging in and out among the stones of the bordering wall, uttering his tick call frequently. When I squeaked he came straight to me, within three yards or less, giving me a fine view as he regarded me curiously, bowing & bobbing after the manner of his race. By other birds I recall seeing or hearing 2 Robins, 6 Cedar birds (or more), a Cat bird, a Downy, a Song Sparrow, two or three unidentified Warblers (apparently Black polls) & a Pheasant.

Spent most of day working in flower garden with Buehler & Gray. Picked a bush of healthy apples. Peach crop mostly harvested. Sent 25 Plys. Peach pellets to Dr. Chamberlain.

Concord (Farm)

Ther Saturday, Sept. 25, 1915 Wea
Glorious

Brilliantly clear with light,
westerly wind & dry, cool,
breezy air. Altogether a perfect day

Not many local birds & very
few migrants. ♀ Tanager in
walled grape vine clinging to elm
shading lawn. Saw the bird pluck
off & eat two of the large, ripe grapes.
A Fish Hawk, heading westward,
flew low over our orchard at 5 P.M.
At sunset a Peewee bird sang
twice, rather feebly. An Indigo bird
sang once & almost as in breeding
time - this at 3 P.M. A few
Chippies & Song Sparrows in
thickets bordering Cullivold Pond,
a Brown Creeper on elm in
door yard, Jays in orchard.
Buteo lineatus, Phoebe sitting
at house.

Worked all day in flower garden
with Beebank, transplanting geraniums.
Walked to Birch Field with "Lina"
at sunset.

Concord (Farm)

Ther Sunday, Sept. 26, 1915 Wea
Violent gale Stormy

Cloudy with violent S.W. wind storm
lasting all day and accompanied by
occasional light rain. In P.M. the
wind attained velocity of a full
gale & maintained it through evening.

In early forenoon, before it had
to blow so heavily, I had a walk
in the woods with Jimmy but on
approaching them again, about 4 P.M.,
I turned back, afraid to venture
in among the storm-tossed trees.
Even the largest & stoutest oaks
were bending like grain before the
strong blasts which threatened to
uproot one or all of them. Such
a gale in this does not occur here
once in a dozen years - at least
in autumn. It must have driven
almost all the birds to dense cover
for I saw only a very few -
including 6 Robins, 2 Purple Finches
& what I am reasonably sure was a
Barn Swallow flying low over this garden.
Spent most of day in house
reading & writing letters.

Concord (Farm)

Ther

News reaches me by cable of
Monday, Sept. 27, 1915

Wea

Howard Jefferson's death. Fin

Brilliantly clear with high,
cool N. W. wind - blowing
half a gale at times.

Continued scarcity of almost
all bird life. Two Robins, a
little flock of 6 Cedar Birds, a
Purple Finch, a Song Sparrow,
about a dozen Goldfinches (mostly
young) one or two Crows &
two unidentified warblers that
looked & chirped like Black-bills
were literally all the birds
I saw or heard.

Spent most of day superintending
the erection of chicken fence
by Burbank & George. Walked
to Birch Field with Jim in
late P. M. Saw 11 baskets of
finn peaches to the girls in
Concord Telephone Ex.

Cable message from Jeff announcing
Howard's death, on Sept 4 at Dardanville
arrived by mail from Gallups at
noon. Telegraphed & wrote C. at once.

Concord (Farm)

Ther

Tuesday, Sept. 28, 1915

Wea

Large flock migrant Warblers. Fin

Clear & cool with brisk W. wind

Near house only a few birds
including a Song Sparrow, about a dozen
Goldfinches, a Cat-bird singing softly
in Forsythia bushes, about 50 Crows
migrating S. W. at 8 a.m.

In Birch Field, about 3 P. M., Dexter
& I found a mixed flock containing
upwards of fifty birds among which
were several Chickadees, at least 6
Yellow Palm Warblers, twice as many
Yellow-rumps, fully 15 Black-jacks
several Black-throated Greens, a
Solitary Vireo singing steadily but
faintly, at least 2 Golden-cree
Kinglets & ten or a dozen Juncos
besides one Peewee bird.

An almost total absence of Hawks
of any kind during this entire month.

Spent A. M. working in peach
& apple orchard with George & Burbank.
Dexter came down to noon dinner.
After it we had delightful walk
to Birch Id. & so had "Journey."

Concord (Farm)

Ther Wednesday, Sept. 29, 1915 Wea
Great flock migrant Warblers. Fair

Clear & cool with high N.W. which lulled, however, in late P.M. Evening calm & rather warmer.

Big flight of Warblers, the heaviest noted here this autumn. From 3 to 4 P.M. saw upwards of 200 in Birch Field feeding ceaselessly, almost wholly in the gray beeches. Although drifting to & fro they were much less restless than those seen there yesterday & evidently a different lot altogether.

I positively identified *Mniotilta* (♂ ad ♀), *D. tigrina* (♀ juv), *blackburnian* (♀ ad?), *caerulescens* (♀), *striata* (30+), *castanea* (2, with bright chestnut flanks), *coronata* (10+), *virens* (12+) *Parula Warbler* 1; in all 9 species with them were *Regulus satrapa* (2) & *calendula* (1), *Turdus blackburni* (1) & *swainsoni* (1), a Thrasher, a Towhee, 10+ White-thr. Sp. & several Chickadees. 8 Peewee birds & a. Sapsucker near farm house also a. Cat Bird.
Walked with the men putting up poultry fence in A.M. To Birch Field with Jim 3 P.M. Everything there well. Warblers there. Enjoyed it hugely.

Concord. Boston

Ther Thursday, Sept. 30, 1915 Wea
Perfect.

Cloudless with light N.W. wind. Cool at early morn, comfortably warm through mid-day hours & also after sunset.

Leaving farm soon after breakfast I motored to Concord & took 8.01 train. In it found Geo. Hayes, Robs, Gilman & Woodward Hudson. Sat & talked with George all way to Boston. He pointed out two handsome cock Pheasants in Bedford meadows. Reaching North Station went direct to our office & spent forenoon there signing checks, dictating letters etc. Arthur & I had long talk about Trust affairs. Saw Darling, Gallupe & Miss Walker, also. After lunch at Marston's went to Fittler, Fittler & Rawsons for bulbs. Bought about usual quantity for winter forcing & a few for our door planting. Back to C. by 2.40 train. Called on Mrs. Smarton & Al Cartier. Returned to farm in time for short walk with Jimmy.

Concord (Farm)

Ther

Friday, Oct. 1, 1915
Jennette Warbler

Wea
Fair

Sunny but very hazy & also cloudy
in late P.M. Warm with light S.E. breeze

A mixed flock in Birch Field made
up mostly of Yellow-rumps, at least 30
in number, also included 3 or 4
Black jacks, a young ♀ Bay-breast,
a dr. House Wren & a Junco.

The last named was very green (almost
grass-green) above & bright yellowish
beneath - a young ♀, probably. Feeding
low in gray birches she twice flitted
close about me (within 10 ft) showing
no fear even when I moved abruptly.

All this happened 9-12 A.M. when Jennie
& I were working about in company.

A Hermit Thrush & 1 Yellow Palm Warbler
with the rest. One Thrush sang quite well.

Saw 2 Sapsuckers together in the lawn & 1
near Bonath Spring. About 30 Peewee
birds & 12 Robins near lawn.

Spent part of forenoon & all afternoon
working in flower garden. Mrs. Melvin
called in P.M. staying half an hour -

Concord (Farm)

Ther

Saturday, Oct. 2, 1915

Wea
Stormy.

N.E. rain storm lasting through
day with floods of rain and
rather violent wind especially
in mid afternoon.

Spent forenoon in house
writing letters & cheques for
birds, afternoon in wood shed
supervising the making &
putting up of shelves in my
gardening closet. Saw no
birds saw 2 Robins & an
saw number of White-throated
Shallows.

Some new Victoria records
came from Steiner this
noon & I tried them in the
evening selecting four to keep
& rejecting three.

Grapes ripening slowly &
consequently, I now get enough
daily to supply my own wants
but no more than that.

Concord

Ther

Sunday, Oct. 3, 1915

Wea
Fair

Thin cloudy with occasional brief intervals of sunshine. Rather chilly light N.W. wind.

A flock of about 25 Yellow-rumps in Beech Field. With them a few ♂ D. caerulescens. More Yellow-rumps scattered, some on roof of house. Solitary Vireo singing in Purcell's Pines. At least 50 Parula birds, a dozen or more Robins, a Nuthatch & 2 Flickers in our dooryard elms at noon. Just then a flock of 9 Starlings came whirring past and an ad ♀ Red-shouldered Hawk soared majestically overhead. There was also a ♂ Towhee in Topsy this morn.

Spent most of forenoon & evening about through Beech Field and Purcell Pines with Jimmy. We both enjoyed it hugely. Dined at 1.30 at the Emersons with Mr. & Mrs. & Ellen. They gave me some Sage Gropes - the very best I ever tasted. ~~They~~ ~~gave~~ ~~me~~ ~~some~~ ~~Sage~~ ~~Gropes~~ - the very best I ever tasted. ~~They~~ ~~gave~~ ~~me~~ ~~some~~ ~~Sage~~ ~~Gropes~~ - the very best I ever tasted.

Concord (Farm)

Ther

Monday, Oct. 4, 1915

Wea
Perfect.

Cloudless, windless and very warm after 8 a.m. although there was light hoar frost at sunrise. Through mid day hours Cicadas were flying & Draper's flies on wing. My Junco's are still making a brave show. The autumn coloring is very late & fully shown as yet only by poison ivy & dogwoods, but a few red maples are beginning to color and the gray birches were strongly tinged with gold this afternoon.

We picked our last high bush blueberries - a full quart of fine ones - on Sept 29.

In late P.M. found at least 50 Yellow-rumps in Beech Field. A single Black-bird with them. Herd of John the Sparrows ranging the grove. They were going to roost in Parly Post at sunset. Also saw 3 Towhees together there. A few Robins, 2 Cat birds & a Solitary Vireo (singing) were heard.

Spent most of day trans planting perennials. Walked to Beech Field & Parly Post with Jim in late P.M.

Concord (Farm)

Ther

Tuesday, Oct. 5, 1915

Wea

Stormy

Violent S.W. rain storm beginning at 9 a.m. & ceasing at 5 P.M. Heavy showers, accompanied by gusts of strong wind, followed one another in close succession through most of day. The men were driven in doors by the rain before 10 a.m. when Mr. Thompson's Sunday arrived to look at some wood. He too was storm-bound and spent the forenoon by the morning room fire with me besides staying on to dinner. At noon we went to Ritchie's place to see the woods. After he had departed I worked with two of the men clearing out left over carriage house. When the rain finally ceased there was still time for a good walk in the woods with "Tina". We went to Beech Field. Heard 2 Hermit Thrushes chattering & several Towhees chirping but saw only a few Robins & 25+ Jays.

Concord (Farm)

Ther

Wednesday, Oct. 6, 1915

Wea

Fair

Cloudy and cool with little or no wind. Sky cleared before sunset & remained so through evening.

Spent day working about farm with Beabank & George. Walked to Beech Field with Tina in late P.M.

Judge Abbott arrived about sunset to spend the night. He sat up late by the parlor fire talking of various things especially those connected with auditions at Wolfboro. He told many amusing stories & was, as usual, delightful in every way.

Concord (Farm)

Ther Thursday, Oct. 7, 1915 Wea
H. W. Henshaw arrives Fair

Cloudy & cool with light easterly wind. Rain drops falling sparingly after dark.

Spent most of forenoon with Burbank & George picking apples, Hubbardston & Wealthy, of which we have a full crop. Dexter came down to noon dinner, after which he walked to Birch Field where he found a flock of about 30 Kinglets mostly Yellow-rumps with one or two Black-jacks. Two of latter & one Yellow Plover after woods met with near foot of lawn. Separation of few in apple orchard.

Henry Houston arrived from Bethel at 5.15. Shortly after supper Mr. & Mrs. Robbins with Prof. Weston & Walter Jaxon returned down from Concord. & stayed on farm & dinner.

Concord (Farm)

Ther Friday, Oct. 8, 1915 Wea
Gilbert's son dies. Rain. Dull

A gentle rain falling through forenoon; afternoon cloudy & cool. Heavy rain last night.

Autumn coloring now progressing steadily from day to day, albeit so much belated. Poison ivy & Virginia Creeper foliage now at its best. Some red maple flaming but most still green.

At least 100 White-thr. Sparrows ravaging our Concord grapes. Scarcely a bunch left unspoiled by them. A flock of 40+ Juncos & 15+ Robins fluttering about orchard & along lawn in front Yellow-rumps & one Black-jack.

Spent part of day in house, part representing the work of men clearing out sheds etc. Henry went golfing in Berkeley field. Gilbert notified Cambridge to find that his only son Robert had died just before he got there, after a brief illness of which he first learned last night.

Concord (Farm)

Ther Saturday, Oct. 9, 1915 Wea Fair

Forenoon cloudy; afternoon sunny. Cool with light N.W. wind.

Two Rusty Blackbirds yesterday and six today, flying low N. over our orchard, calling. They are all I have seen there for this autumn. Many Peewee birds & a few juncos, a Towhee, several Black-bills, a flock of 15 Cedar birds in oaks behind barn, a dozen or more Robins along lawn, a Great Blue Heron flying low S.W. at sunset, with frequent hawk calls, over Purple Rock woods.

Autumn coloring developing. Many red maples ablaze with

Spent day working with the men setting out cises & turp bolts, etc. Walked to Birch Field & through Basin, Pa. at sunset.

Henry went by train to Westboro for day. C. returned to Cambridge fr. Bethel.

Concord (Farm et Ball's Hill)

Ther Sunday, Oct. 10, 1915 Wea Fair
36° at 10 P.M.

Clear & cool with light N.W. wind. Water skimmed over at Ruth's place last night according to Geo. Ballou.

Autumn coloring brilliant now among swamp maples although some remain green & few have shed any leaves as yet. Poison ivy foliage superbly colored.

Not very many birds. About 15 Yellow-rumps accompanied by 2 Yellow Palm Warblers in Birch Field. A dozen or more juncos & one Yellow Plover together at edge of Henry's meadow.

Flock of 9 Rusty Blackbirds seen by H.W. & I flying over Benson's pasture. White-thr. Sparrows at farm reduced in numbers to less than a dozen. Kingfisher over river at Ball's Hill. Red shouldered Hawk, ♂ ad, Henry's meadow.

Henry went to Benson's pasture for golf at 9 a.m. I went with him but returned to write letters. Charlie Carter & Barbara called at noon, staying at home, DeMunnis & some friends at 5 P.M. Shortly after dinner Henry & I walked to Ball's Hill via Brook Hill & back via Holden Hill.

Concord (Farm)

Ther Monday, Oct. 11, 1915 Wea
 First ice Perfect

Brilliantly clear with light westerly wind. Builds snowy white with hoar frost at sunrise. My Finches coated with clear ice from the spray played on them over night which saved them from all harm. Midday hours deliciously warm. Altogether a rarely perfect day, even for October.

Spent entire day picking apples mostly Northern Spies of gigantic size & great beauty. Lots of birds in orchard. Fully 50 juncos, a dozen or more Chipping sparrows. ~~White-throats~~ in the trees. Two Yellow Palm Warblers & a Nashville with very yellow breast in the apple trees.

Henry practiced golf in Burton's pasture morning & afternoon. In late P.M. Beaton & I tramped around the outskirts of our woods putting up trap lines. Jimmy caught a hen & pulled her tail out

Concord (Farm)

Ther Tuesday, Oct. 12, 1915 Wea
 Rarely perfect

Brilliantly clear & deliciously warm with fresh S.W. wind.

Opening day of shooting season. Guns popping briskly in all directions at sunrise & not infrequently through day although I heard them much less often than a year ago. and only two shots were fired in our neighborhood - somewhere beyond the Berry Pasture, Tony second.

Gilbert arrived from Cambridge at 9 a.m. bringing the Mrs. Comp. Zool. museum book. Culling my data from it I worked all day long on my report, getting it written roughly by sundown when Jimmy & I had a short woodland walk. The men pulled & boxed Baldwin apples. George worked through a.m., Tom all day. Maudie & Cooper did not come either yesterday or to-day. Starting at 10.45 Gilbert went to Henry's to get boxes, then to Willoughby, to see his sister. They were back by 5.

Concord (Farm)

Ther Wednesday, Oct. 13, 1915 Wea
My shooting season begins Perfect.

Cloudless except for a few
mare's tails presaging coming storms.
Warm as an average midsummer
day, with light southerly wind.
Cicadas, flying at noon, and
Tree Crickets chirping loud &
fast at sunset.

Autumn coloring glorious now.
Red maples ablaze everywhere &
hickories golden yet scarce a
leaf has fallen yet from any
tree or shrub - something unprecedented
at so late a date, in my experience.

Finished my Museum report
by noon. It was mailed in
Concord at 5 P.M. Henry practiced
golf at Benson's in forenoon.
Bradford Scudder arrived at 2
& stayed until 4.30.

My shooting season began at 5
P.M. when I went out with the
20 g. & Jimmy. Killed 2 Gray
Squirrels behind barn & missed a
cock Pheasant (long shot) in Billy Parker's

Concord (Farm)

Ther Thursday, Oct. 14, 1915 Wea
H. W. Henshaw departs. Fair

Partly sunny, mostly cloudy.
Uncomfortably warm & humid.
Mosquitos troublesome at evening.
Red maple & juno on way now
a little past maximum brilliancy
and leaves beginning to fall.

Not many birds except Juncos
& whitts I saw a rather large
flock. Only six or eight White-throats.
Heard a Purple Finch. Six Bobwhites
flying due south, high in air, at
8 A.M., calling plaintively. Partridge
drumming in run at 4 P.M.
a single Rusty Blackbird (6 juvs)
in our cornfield - very common.

Spent most of forenoon in
orchard, with Gump, picking & sorting
apples. Henry remained in doors.
He complained of not feeling well &
seemed much depressed in spirits.
He left Concord by 5.20 train to take
Federal Ex. to Washington
Walter Jackson, Dr. Lykes & Susette Dwyer
dined with us. Mr. Bushnell and Mr. Lathrop

Concord (Farm)

Ther Friday, Oct. 15, 1915 Wea
First Wild Geese. Rainy

While they are kept in my best chamber at 10 P.M. I was routed by the
numbers of clams & their friends
These friends of a lot of them
I will be with them. I will be with them. I will be with them.

Forenoon calm and warm with heavy rain from 9-11. Afternoon cloudy but rainless with fresh N. E. wind.

Birds apparently scarce. A Robin in orchard, 2 White-throats near Barn, 4 Yellow-rumps in Run, several juncos in wood patches, a brood of Sparrows singing full song near at 8 a.m., Bluebirds calling at same hour, 5-7 Rusty Blackbirds flying high, southward, a few Crows & 2 Partridges, were all I saw or heard.

Spent day at Bangor when the men mowed corn barn, dug out rocks & earth in & near Subway, etc.

Shortly after dinner I stalked through Cedar Park with "Jimmy". Shot at a Partridge going straight away down road back & out onto a lot of feathers but the bird kept on apparently unhurt.

Concord (Farm)

Ther Saturday, Oct. 16, 1915 Wea
Perfect

20

Cloudless, calm & dry warm with tender blue sky overarched a wealth of brilliantly painted autumn foliage wherever one looked from the knoll on which our farm house stands. Altogether a typical Indian Summer day, absolutely perfect of its kind. Unfortunately I had to spend most of it superintending the work of men engaged in such mundane tasks as pulling apples, shoveling dirt & moving a small building (my fruit house). But 'twas good to be out of doors ceaselessly and towards sunset I had an interesting half hour watching the corn patch at edge of Berry Pasture. Attracted by the ripening maize there came to it a Gray Squirrel, 5-7 Rusty Blackbirds & an old cock & hen Phoebe - both so wary that they gave me no chance for a shot. In killing them I found their worth 22 cal. rifle at Gray Squirrels killing two & missing one. Shot many small birds. Solitary Vireo & Song Sparrows & probably one Song sparrow. Hens & Hens called in P.M. to see about work next week.

Concord (Farm)

Ther Tuesday, Oct. 19, 1915 Wea
Free Crickets Fair

Early morning & late afternoon cloudy. Rest of day sunny & warm with light southerly breeze. Many trees now bare of leaves. The glory of the maples & beeches a thing of the past. Oaks still green.

Not many birds. A fair number of juncos & a few white throats in orchard & bordering shrubbery. Bluebirds flitting about the house in clus & one male singing delightfully in afternoon, several Robins along lawn, two Phoebe's flushed by Barbank from the corn in front of house, Crows cawing far & near & flying singly to & fro. These were all I remember noting.

Spent entire day out of doors about the Farm supervising work of men. Barbank & George working after Hanson & Kasper digging out water passages & Barbank & Carter pulled in P.M.

Concord (Farm)

Ther Wednesday, Oct. 20, 1915 Wea
Rainy.

Dark cloudy & warm & almost windless with light rain falling through greater part of day.

Very many birds in the lane and close about the house, flitting to & fro through trees & shrubbery sometimes alighting on our shingled roofs. There were at least 20 or 25 juncos, not less than 15 Robins, several Bluebirds, a Song Sparrow and (I thought) two or three white-throats. The Song Sparrow sang a little, brokenly, one of the Robins rather freely & well. I noted no other species.

Spent most of day at the Bungalow where Harris began some cement work intended to carry off storm water from eaves gutters etc. Left & Barbank worked mostly under cover, Hanson & Casper digging out earth in shed. George packed apples despite the rain.

Stepping out of doors at 10 P.M. I heard two crickets in the yard. The night is calm, mild & cloudy. Full chimes & rather loud wood.

Concord (Farm)

Ther Saturday, Oct. 23, 1915 Wea
Henry Oldys arrives fine

Clear & cold with harsh & violent N. W. wind. Rather hard freeze last night. All tender vegetation killed. Oak foliage turned suddenly dull russet & leaves falling freely, after having shown no vivid coloring anywhere this autumn.

Spent most of day supervising work of two carpenters who finished lean-to at Bungalow and of Zeph who cut a lot of young elms in lower end of Berry Pasture where I remained from 10 a.m. to noon making out a new wood path that promises to be very attractive. Jimmy started 3 old cock Pheasants & down 2 of them directly over me but I had no gun. Took in 20 p. with me in late P.M. flushing a hen Pheasant & 2 Partridge but did not shoot at any of them. Henry Oldys arrived about 8 P.M. to pass night. He spent long evening by pecker box & had a glass talk.

Concord Farm - Hildesheim Corner.

Ther Sunday, Oct. 24, 1915 Wea
fine

Clear & cool but without the chill of yesterday. Moderate westerly wind. Altogether a fine autumnal day.

Oldys & I spent two hours after breakfast talking by morning room fire. He finally set out for a walk going first to Birch Field & thence through Berry Pasture. Started 5 Partridge and 2 Cock Pheasants. Saw almost no small birds, saw 1 Hermit Thrush, in woods. There were upwards of a dozen Juncos, almost as many Robins & several White-throats, in the lawn.

Motored to Concord at 1 P.M. leaving Oldys to eat a solitary luncheon before starting for Foxcroft. I dined at the White with Gary & Marguerite, Barbara Carter, Sally & her husband. He had a good dinner in hotel afterwards. Called at the Emersons on way back seeing Mr. & Mrs. Alice Hayes & Andrew Emerson. Jimmy eaten at the camp.

Concord (Farm)
D.C. French & R.H. Dana arrive
Ther Monday, Oct. 25, 1915 Wea
7m

Clear & cool with light westerly
wind. Evening cold last night &
fields white with hoar frost at
sunrise this morning.

Spent most of day with
men working about farm
buildings especially near Bangor.
At 11 a.m. went to corn
patch across road to try for
a Pheasant. A fine cock rose
within 20 yards where I thought
myself around the big bush but
but I missed him clean,
apparently. Another, flushed by the
report, much further off, fell to
my second barrel as he was
overlapping a neighbor but could not
be found even by "Tim" who started
3 weeks old. Eggs in same corn.

Dick Dana arrived at 5 P.M. &
Dan French about 7. We spent
evening talking by parlor fire

Concord (Farm)
Annual Reunion with Dan French & Dick Dana.
Ther Tuesday, Oct. 26, 1915 Wea
7m

Sunny & mild with fresh S.W. wind.
Sky overcast at sunset. Heavy thunder
showers at 11 P.M. Country white
with hoar frost in early morning.

Dan, Dick & I talked by parlor
fire for a couple of hours after
breakfast. After that we talked
about the farm, to Dick Field &
through Berry Pastors, until shortly
after noon. Mr. & Mrs. Edward
Garrison & Mary French arrived
soon after 1 P.M. He dined
at 1.30 and sat in parlor
afterwards, the Garrisons staying
until nearly 4. After that the
old boys took another short
walk. The second evening passed
much like the first. He had
a little better success in driving
the ducks down in good spots
& Dan unanimously well.

Concord (Farm & Ball's Hill)

Dan & Dick leave, H. W. Husband
Ther Wednesday, Oct. 27, 1915 Wea
arrives, Charles Carter calls. Perfect.

Clear & almost uncomfortably
warm with light southerly wind.

Dan, Dick & I had a short
walk about the place immediately
after breakfast. Dick departed for
Cambridge at 9:30 a.m. After
that Dan & I went to Ball's Hill
via Dan's Hill, returning by way
of Holden's Hill. Started seeing
Partridge. Very many Junco &
a few Yellow-rumps, in bushes.
Big flock of Juncos in woods.

H. W. Husband arrived from
Washington at noon. His sister
Bernie died at Westboro early
yesterday morning & is to be
buried in Cambridge on Friday.

Today, Dan & I dined together at 1.
Charles Carter called at 3 to bid
me good bye. It was good to have
been here with Dan & Henry. Dan
left us about 3:30 to spend night
at the Hendersons & to return to N. H.
to-morrow. Henry & I spent evening
talking in kitchen.

Concord (Farm)

Ther Thursday, Oct. 28, 1915 Wea
Perfect.

Water froze & leaves frozen white
all the fields, except in the
day was decidedly warm & almost
perfectly windless. Some of the oak
foliage has put on brilliant tints
of red within the past few days.
The high blackberry bushes still
present red or deep wine color when
retaining leaves.

Loos. of Juncos, a good many
Robins & a few Yellow-rumps, fluttering
about farm. Flock of 7 or 8 Crows
circling high in air, with occasional
cawing, at 8 a.m. Flock of 12
Horned Larks flying low S. W. air
from Cambridge. Henry saw 2 Song Sparrows
& 3 White-throats in lawn.

Spent most of day out of doors.
In a.m. marked a lot of wood
apple trees in Big Pasture for grafting
next spring. Finishing with the
the P. H. with the men. Henry purchased
golf in Boston Harbor.

Concord (Farm)

Ther

Friday, Oct. 29, 1915

Wear
Fair

Partly sunny, largely cloudy with
brisk shower in forenoon. Light
southerly wind. Rather warm.

Not many birds. Several Robins, one
White-throat & a dozen or more
Juncos, in & about orchards & lawn.
Single Tit lark flying over, piping.
About 50 Crows circling high with
an outbreak of cawing, at 8 a.m.
Phalarites calling at sunset. A
Partridge fly by from apple tree near
lawn after sunset had doubtless
been building there.

Spent entire day with the men
2 carpenters, Harris & helper, Moulton
& Casper, Hunsberrill, Zeph & George.
The entire place is in disorder
which seems hopeless but I trust
may soon be set right. I walked
to Popple Brook with Jim at sunset.
Henry went to Hildesley & Cambridge
for the day. Gilbert returned from there
1 1/2 hrs. His two friends Cambridge, Cambridge,
2 P.M. He got back at 4.30.

Concord (Farm)

Ther

Saturday, Oct. 30, 1915

Wear
Fair

... absence of Hawks

Partly cloudy, mostly sunny. Cool, with
raging N.W. wind.

About 15 Robins & as many Juncos
in shrubbery along lawn & windy places
in orchard. 5 Purple Finches among cedars
in Berry Pasture, more Juncos & at least
one Yellow-rump, besides 5 Chickadees,
in Birch Field. 7 Chickadees & a Jay
in Prescotts Pines. About 50 Crows
migrating over S.W. at 10 a.m. I could
Phalarites in Berry Pasture. A
Partridge in Birch Field. ...
Excepting Red-shouldered & an Osprey
I have seen no Hawks this autumn
- literally, not one of any kind.

Spent most of forenoon with the
men, nearly all of afternoon roaming
the woods with 20 g. gun & "Jimmy"
hoping to bag a Partridge or a Phalarite.
Started only once in forenoon in Birch Field,
& 2 of latter but did not fire a shot.
Henry went to Boston, via Cambridge, with
Gilbert. They got back at sunset.

Concord (Farm)

Ther

Sunday, Oct. 31, 1915

Wea

fine

Brilliantly clear with fresh, cool N. W. wind lulling to calm before sunset. No frost last night.

Very many juncos at feeders & on the Robins, a White-throat & a Song Sparrow; flitting to & fro along the lanes & about the mallet patches in orchard. Chickadees & Goldcrest in Cedar Park. 3 or 4 Fox Sparrows (the first) & a Robin Clipped in the Pine. One Partridge started in Bare Field. A Yellow-rump there & another in wood front of house. Only a few Crows, all apparently local birds.

Henry & Gilbert off all day, returning to Hallowell & Newton. I wrote letters for two hours in forenoon & again after dinner. Spent remainder of day roaming about in the woods with "Jimmy". He visited Beech Field & ~~found~~ ~~at~~ ~~factured~~ ~~the~~ ~~place~~ ~~for~~ ~~the~~ ~~winter~~ ~~camp~~ ~~the~~.

Concord (Farm)

Ther

Monday, Nov. 1, 1915

Wea

Fair

Partly cloudy, mostly sunny but densely hazy. Very warm with fresh S.W. wind that brought light rain in early evening.

The farm & its outbuilds fairly flooded with small birds at 8 a.m. and more or less through day. Most of them were Robins & juncos. Of the former I saw at least 75 in one straggling flock passing overhead, rather high, shortly after breakfast. They alighted in Berry Pasture & afterwards scattered about feeding on berries of various kinds. Of juncos there were 40 or more in & about the mallet. Both there were at least 3 White-throats. I saw 6 Goldfinches in Barn Orchard, a Pine Siskin there, 15+ Purple Finches in cedars. A single Titlark & Yellow-rump.

Spent most of day with Carpenter (Hosmer & man) & Mason (Harris & man). They hung gates & began building around well. Decker came down to dinner & spent afternoon. We talk about walk Henry, returning from Cambridge & Boston, joined us at 4 P.M.

Concord (Farm).

Ther Thursday, Nov. 4, 1915 Wea
H.W. Henshaw departs. Fine

Sunny but partly cloudy & rather breezy.
Mild for season with light southerly
wind. A sprinkle of rain after dark.

Not many birds seen June 1st. Of
these at least 75 at Benson's pasture
according to Henry who was there
golfing in forenoon. I saw about
25 at the farm. Only one Robin
(in lawn), 3 Starlings flying low
just back towards Lawrence's.

Several Chickadees & a Gold-crest
in Run. No sight nor sound of
Pheasants. Only a few Gray Squirrels
about the place now. Saw one Red
near barn. Also a big gray Cat.

the first & only one this autumn.
Something killed & devoured one of our
hens last night leaving the cleanly-
puckered skeleton in a freshly dug hole
a foot deep. No flesh whatever nor
any feathers but only the entrails & bones.

Found tracks that looked like a Skunk.
Henry & I hunted on the Run Pheasant
shut yesterday. He started to Cambridge
at 1.15-2.15 & took Federal Exp to W.
I spent most of day with the hen.

Concord (Farm)

Ther Friday, Nov. 5, 1915 Wea
Stormy

Raining all day at times heavily.
Strong, cold northerly wind setting
in N.E. at night fall.

A solitary Robin & a dozen or more
juncos seen along our lane were
literally all the birds I noted.

Spent entire day in wood shed
where Harris relaid part of the
brick floor and put up a very
pretty wall of gray stones on both
sides of fire place, replacing much
inferior ones erected by Mills many
years ago. Built a carpenter
wall in gable. Gray sawing wood
left heavy oak planks. Mowson
& Cooper did not appear.

I rearranged my tool chest &
planted a lot of bulbs in front
of shed.

Oak foliage showing a good deal
of firm wine red coloring these past
few days.

Concord - Cambridge

Ther Saturday, Nov. 6, 1915 Wea Fine

Clear and cold with high N.W. wind. Hard frost last night.

Finished at least 50 pines from mill in orchard. Heard several loons' flight calls, a few crows. One Robin in lane. I missed 3 Partridges which were all at once, from within a yard of one another in the berry. Pastoralist went out.

Spent forenoon in & about house pulling things away, sweeping walk of main, planting bulbs in beds of Jack, Morrison & Casper on full to date; also Harris who worked until noon, mostly collecting material made in cement hot beds.

Gilbert & I closed the road block for Cambridge with Jimmy at 2.50 P.M. Talking with us a party of 4 & also the four white families. He had a delightful motor run, made autumn collection of oaks, roadkill, shells & other material. He collected many things by himself. He'll be home in evening.

Cambridge.

Ther Sunday, Nov. 7, 1915 Wea Fine

Clear & frosty with light northerly wind. Surface of ground frozen in early morning. Warm in sunny places at midday.

In Garden: 1 Chickadee, Golden-creeper (heard), a Juncos, 3 White-throats, Goldfinch (heard), about 6 House Sparrows. Many trees & shrubs still covered with their foliage. That of Jap. very richly colored. Deciduous Abutilon grows on old burn at head of garden. Marigold, Sweet-william, & a few other flowers still in bloom.

Spent most of day in Museum waiting letters & papers for bills. C. went to church in Boston. Miss Allgeer heard with us on the road. Pleasant. I shot last week. He was interested. I found a couple of old traps & one empty. Harry & Allen (Bartlett) called in evening. Jimmy & Danny regarding at 7.00. Long talk over phone.

Cambridge.

Ther Monday, Nov. 8, 1915 Wea
Glorious

Perfect late autumnal day, windless with
clear, soft sunlight and dry, bracing
air.

The garden teeming with interesting
birds, among them a Baltimore Oriole
& juv. which alighted in a leafless hawthorn
by pond front of Museum & remained there at
least two minutes, about 11 A.M., which I
stood scarce twenty feet away watching her.
She was rather dull colored, even for a bird of
her age & sex, but had some rich orange tints
on breast. There were also a Brown Creeper,
a Gold. Oriole, 2 Chickadees, a White Br.
Nuthatch (heard), 2 Winter Wrens chirping
& flitting about close to Museum & house in
dense shrubbery, 3 Juncos, 5 White Wrens,
a Jay, a Flicker, 2 Goldfinches & Crows
cawing not far off.

Worked in Garden all day, trimming
shrubby along paths, planting bulbs etc
Set out 7 Trilliums brought from Concord, 3 of
them flew to house early & would not return
to spot set. They settled for night on top of
one house.

Cambridge.

Ther Tuesday, Nov. 9, 1915 Wea
Fine

Sunny and mild with brisk S.W.
wind. Clouds gathering at sunset.

In Garden: - Chickadee (heard), Gold Oriole,
3 White-throats, Goldfinch (heard), a Jay
a Flicker, 3 Gulls (high in air).

Spent most of day in Museum
writing letters & cheques for bills.
To Harvard Square at 2 P.M. because
of a broken molar the fractured
portion of which was removed by
Dr. Andrews. Also called at Beeth's
& bought some hardware for Farm.
Mr. Darling called in forenoon to
consult with me as to Mrs. Putnam's
house. She cannot afford to pay the
full rent now that her husband is
gone. I advised reducing the rent to
\$800 (from \$1300) for the last year of
her lease beginning on May 1, next.
Darling appeared of Mrs.
Chadwick & Mills sent two men to see about
new wiring. I played basketball for
two hours this evening.

To Harvard Square at 4 P.M. for some time.

Cambridge.

Ther Wednesday, Nov. 10, 1915 Wea
Fair

Clear & cool with fresh N.W. wind.

In Garden: A Chickadee, Kinglet,
Downy, Yellow-rump, 2 Junco,
5 White-throats, several House Sparrows
and a Jay.

Spent most of day out of doors
superintending work of men.
Electricians wiring for outside lights
on house & Museum; Billcliffe
working on exterior changes of
pigiron work; Percy & John
rolling beams & digging up
things. C. in town with the motor
in forenoon. Gilbert went to
Concord for supplies before noon
& in afternoon went again to
Boston for books & Columbia
records of which we played a
lot this evening, getting only a few
that we shall keep.

"Darning" talked with Volney Davis
and P. W. Dr. Bolger came later. He
says it is real serious. Percy has
taken "Darning" home to work

Cambridge.

Ther Thursday, Nov. 11, 1915 Wea
Fair

Sunny but hazy with clouds gathering
in late P.M. Mild with light southerly
wind.

In Garden: A Chickadee, Creeper, White-be
Nuthatch, Blue Jay, Downy, 5 Junco,
3 White-throats, 2 Fox Sparrow one singing
bravely & fully, about 8 House Sparrows

Spent most of day in Museum
writing letters. Bradford Sudder
called in P.M. to smoke a cigar
& have a chat with me. Her reports
Knapp's Green very plentiful south of
Boston.

Gilbert & Percy put the aquaria
in order & netted most of the fishes
in the pond, getting five Goldfish,
2 large Humpbacks, several Bream
& the Skipped Doer. No trace of
the Noto or Frogs. & only two Snails
found.

Billcliffe working on front of door case
& Clark & Wicks men on wiring for new
outside light

Cambridge.

Ther

Friday, Nov. 12, 1915

Wear
Dull.

Cloudy, calm & mild with a light
sprinkle of rain drops every now & then

In Garden: (6) Chickadees, a Gold-creeper,
Creeper, White-br. Nuthatch, 3 Juncos, 3
White-throats, about a dozen House Sparrows,
a Jay, a Flicker, a Downy, 3 Herring Gulls (over)

Spent most of day in Garden & Museum
superintending work of men. Percy &
John put up some fences in jungle,
Billings took out E. end of Tigris House,
Peck's men covered ledge over front door,
Clark & Mills were working for new
outside lights; Harry Spelman called
at 5.30 P.M.

Gilbert noticed C. to Saturday after
breakfast. She spent forenoon in town
with Daisy Fuller. Her eyes were bad
to-day. She could not recognize my
features in good daylight only by evening.
We walked around Garden with the dogs
at 9 P.M. I leading her all the way.

Cambridge.

Ther

Saturday, Nov. 13, 1915

Wear

C. goes in town to Abbotsford.
Gilbert in motor car accident. Fine

Brilliantly clear with bracingly
cool yet not, in the least, chill N.W. wind
altogether, a rare November day!

In Garden: Chickadee (heard), 3 White-throats,
2 Juncos, a Goldfinch (heard) & a Jay.

To Harvard Square at 10.15 A.M.,
motoring down to keep 10.30 appointment
with Mrs. Bradburn who located on my
brilliantly clear, about ~~one~~ hour & is to
lead with a further talk on. Walked
back reaching home at noon. C. meanwhile,
has gone into Boston to see Abbotsford,
where she is to spend about a week, taking
a form of motor car which Goldthwaite
owns. "Miss Bradburn is to go with her &
will be dining to give her message."

Gilbert took her in. He started
down at 11.30. In passing! Through
Bedford he ran into a Ford car driven
by J. B. Joubert of that town damaging it
& our car considerably. It seems to have
been mostly Joubert's fault as he admitted
during the talk he had by telephone. He
said to "call it off once" as to damage

Cambridge - Boston - Concord

Ther Sunday, Nov. 14, 1915 Wea
Dull

A gray November day, cloudy, calm & chilly but not cold although ice formed over night & hoar frost coated every blade of grass this morning. Now, 8 P.M., a light rain falling.

In Garden: a Chickadee, a White throat
6 or 8 House Sparrows.

To Boston at 10.15. Met C. at St Paul's at 10.40. Beautiful music; address from pulpit by Bishop Lawrence who announced death of Booker Washington & paid him high tribute in terms of deep feeling. Walked half way across Common with C. after church & then returned to Cambridge. Miss Allen dined with E. R. S. & me. Dick Davis called at 2.30 & noticed me to Concord in his Cadillac, Gelbart following in the Ford. I had a pleasant stroll through Berry Pasture, before dark, with "Jimmy". He flushed a Partridge. Pheasants calling in their direction at around 7 o'clock Sparrows chattering

Concord (Farm)

Ther Monday, Nov. 15, 1915 Wea
~~Fox~~ barking at evening. Stormy

Raining heavily all forenoon with strong, chill N. E. wind. Everything belated & a prolonged storm but blue sky began showing at 2 P.M. and by 3 the sun shone brightly. The wind had then veered to westerly. It blew a living gale over the N. W. at 8 P.M. & through the night.

Outcrop down would not to be thought of because of weather conditions just noted. So Benbrook, Leph, Gray & I spent most of day in Benbrook shed sorting & picking lumber on the racks at the rear. It was chilly work in the keen east wind. Towards sunset I went to Pulpit Rock woods with little "Tia". They seemed lifeless & rather dreary but he evidently enjoyed racing through them, beguiled up by hopes of starting game there failed to be found. Near the house I saw a few juncos & a downy visiting the seat. A Hawk & a Golden crest heard as twilight fell a Fox barked hoarsely, a downy hum or noise, in Berry Pasture

Boncourt Farm

Ther

Tuesday, Nov. 16, 1915

Wea

Brilliantly clear with high cold N. W. wind. Surface of ground stiff with frost all day in shaded places.

At least 75 juncos feeding all day in sweet millet in orchard. One Tree Sparrow with them. A few Sparrows in Berry Pasture. 40+ Crows migrating low S. W. at 10 a. m. Cook Phoebe fed in Cedar Park. These all the birds I noted. Dexter saw a flock of about 25 Horned Larks fly from a ploughed field in his horse land.

Spent entire day in Berry Pasture where I had four men at work. Left & Gray hanting out brush, Hanson & Capen grubbing it up along new line of roadway. Jimmy with me all the time. After the men had gone he & I had a great start by ourselves to Bush Field. Dexter came down to dinner being as near the Starbuck Inn, 2 Doves & a small Horned Lark

Boncourt - Cambridge

Ther

Wednesday, Nov. 17, 1915

Wea

Fine

Clear & cold with fresh N. W. winds. (Calm & hazy in early morning with surface of ground hard frozen).

Big flock of juncos (not less than 60) in millet patch. With them one Tree Sparrow and a very tame & rather fat one looking chippy. At least half a dozen Tree Sparrows in Berry Pasture making the woods in little tinkling. A few screaming Wrens. 2 Chickadees, a Nighthawk & a Redwing besides about 25 juncos, in Bush Field. Single Horned Lark flying high & calling. One Tree Sparrow.

Spent forenoon stamping to dogs in Berry Pasture, Bush Field & about Farm, supervising work of four men. We cut fence, put up stone dows on shed, took off screen doors etc. Hanson & Capen drilling & blasting wells in Berry Pasture. Two fox hounds baying vigorously.

Gilbert & I left Farm at 3:30 & returned to Cambridge. Cold ride but country very interesting in late afternoon sunlight with soft especially harmonious coloring of fields & fields. Saw 7 birds, arrived at 6:00 in good night. H.

22
I am sure of one & better
of some kind of animal
to attend to
I am sure of one & better
of some kind of animal
to attend to

Cambridge - Boston.

Ther Thursday, Nov. 18, 1915 Wea Perfect.

Brilliantly clear & almost perfectly windless with warm sunlight but keen, dry, frosty air. Altogether an ideal late autumnal day.

In Garden: a Chickadee, White throat about 15 House Sparrows, a G. Lark, and a John-brewster Nuthatch calling toot-toot-toot in loud, full tones.

Although most of our trees are now quite bare a few retain autumnal tints foliage which that of an ivy on Museum walls is still abundant and very brilliant. There are also a few flowers still flowering as Anemone, yellow day lily, yellow cornflower, Helianthus, purple larkspur, delphinium & some dandelions, in bloom.

Dan & I went about the place after breakfast. He departed at 9:30 I remained in Museum until 1 P.M.

Went in Garden after dinner. Saw Agave & ferns about 10:30. Saw some other plants.

At 3 P.M. E. R. S. read letters in

Cambridge.

Ther Friday, Nov. 19, 1915 Wea Stormy Bal. Oriskany reappears in garden.

Heavy easterly storm, with violent wind and floods of rain, beginning about 9 a.m. & over by 7 P.M. When the clouds parted & the moon shone out. Morning chilly, evening almost sultry.

In Garden: Two Blue Jays seen and a Chickadee heard. Baltimore Oriole & jay in traps by pond at 9 a.m. staying there about 2 min.

Spent entire day in Museum writing & filing letters etc.

Billcliffe & another carpenter worked on pigeon house extension most of forenoon, despite the rain.

With an agent of Tel & Tel. Co. I agreed to have a telephone installed in Museum about December 1 and signed a contract for its use for one year. It is to be wholly independent of the one in house.

E. R. S. went to her Bar at 5:30 & I passed a solitary evening in hall, reading war news & playing Victrola.

Cambridge.

Ther Saturday, Nov. 20, 1915 Wea
Sparrows hawk Fine

Clear & cooler yet not frosty.
Fresh westerly wind.

In Garden - (1) Chiffchaff, (3) Gold-crests,
a Creeper, White br. Nuthatch (heard),
a Junco, (3) White-throats (singing freely),
a Jay, a Titlark, a Downy, a Gull
(singing high) (2) Sparrows hawk, ♂ & ♀,
flying low & softly S.W., one in clear
presence of the other.

Spent forenoon in & about Museum
giving my chief attention to work
Billcliffe was doing on part of
pigeon hawk. The new external
wood case was put up & the whole
fantastic seemed to enjoy it.

To Harvard Square at 3 P.M.

Spent half an hour at Pickers
selecting flooring plants for house
& one to send in to Mrs. C.
Then to Museum Group. There where
I saw Bangs & Howland. Walked
home in gathering twilight.
E. R. S. heard about in hall after dinner

Cambridge - Boston.

Ther Sunday, Nov. 21, 1915 Wea
Dull.

Cloudy & mild with light S.W. wind
and a few raindrops every now & then.

In Garden 2 Fox Sparrows, 2 White throats
and about 8 House Sparrows feeding
together on ground, front of Museum,
at 9 a.m.

Went in town with Irving Fuller
starting at 10.15. Met C. at
St. Paul's. Dean Romanus preached
Music exquisitely beautiful. C.
retained to Abbotford in car,
Irving & I to Cambridge by Subway.
Found Mrs. Hun Forbes calling on E. R. S.
Kenneth Wilton soon joined us. After
him came Othman Bangs who took me
up to Mr. Anderson & back in his new
Stearns - Knight car, a very smooth
running one. He had as decore, besides
Miss Allen, Walter & Margie Down.
Walter stayed on until 6. Dick Dana
called with a big Irish letter he had
just bought. Mrs. C. came at 7.30
I walked home with her. E. R. S. said

Cambridge - Concord.

Ther Monday, Nov. 22, 1915 Wea
25° new Muskrat house in sight Fine
from Caribou Bridge

Clear & cool with fresh westerly
wind. Surface of ground hard
frozen at sunrise, muddy thro. day.

In Garden Chickadee; Gold-crest &
White-throat heard, Crow & Jay seen.

Concord. Gold-crest (heard), Chickadee
(heard), Tree Sparrows (5 near Caribou Br.
2 at Farm) 7 or 8 S. (1 " " " "
Juncos (12 at Farm (15 " " " "
House Sparrows (20+ " " " "
Crow (6 Bedford), Hairy W. (1, Farm)
Partridge (2 near F.) Pheasant (of Farm)

Leaving home at 8.17 a.m., Gilbert &
I motored to Concord, reaching Farm
about 9.30. Saw 6 crows in Bedford &
mixed lot of Sparrows near Caribou Br.

Spent remainder of forenoon in
Berry Pasture where Zeph, Mouson &
Casper were building causeway across run.
In P.M. cut Christmas trees in
Apple Field with Brookbank. Jimmy
with me all day, he had a hen & brood.

Partridge at sundown. She sat gazing down at him
approach with a was looking to get in from ground.
leaves tree in Berry
did not see any
in

Concord (Farm & Ball's Hill)

Ther Tuesday, Nov. 23, 1915 Wea
Fair

Partly sunny, mostly cloudy &
very hazy. Frosty at noon & eve,
mild through midday hours with
light S.W. winds.

Bird life not abundant. About a dozen
juncos with 2 or 3 Tree Sparrows frequenting
Miller patch in orchard; a Hairy W.
in neighboring wood land; an im-
Red-shouldered Hawk flying over run;
2 Chickadees, 2 Golden-crests & several
juncos, at Ball's Hill also 3 Partridges
started all together there. Cock Pheasant
flushed in run & other heard calling
further off. Several (at least 5)
Muskrat house along river near B. H.

Spent forenoon at Ball's Hill,
working down via Percott's farm to
Davis Swamp, returning via Holden's Hill.
We put everything in order for winter
in & about cabins & brought back a
wagon load of leaves. Worked most
of P.M. in Farm run with Mouson & Zeph.

Concord - Cambridge

Ther Wednesday, Nov. 24, 1915 Wea
First snow-fall Stormy

About 2" of damp snow fell overnight whitening entire face of country & loading every twig in woods & thickets. Most of it had melted by mid-afternoon. Light rain fell at intervals through day. Intensely chilly N. E. wind blowing fitfully.

At least 25 Juncos in millet. One or two Tree Sparrows with them. A ♂ Downy at sunset. Chickadee heard. Pheasant tracks in Cedar Park. Northern Shrike perched on tree top near Ritchie house in full song at noon. Seldom have I heard one sing longer, louder or more melodiously. Because of its "margin of silence" the bird's voice was peculiarly pleasing. Besides the prolonged series of sweet, melodic notes - given in the usual halting, interrupted manner - there were occasionally odd jarring & crackling outbursts - falling in the intervals.

Spent forenoon mostly in house rearranging books, papers etc & burning a lot of trash.

Also went about outside with Bonelock to left farm at 3.18 P.M. & motored to Cambridge via Lexington, reaching home at 4.30. John a white-headed wood chipping in garden. Very pretty

Cambridge.

Ther Thursday, Nov. 25, 1915 Wea
Perfect.

Sky perfectly cloudless & rich violet blue, seasonably cool yet not frosty air scarcely stirred by any wind. Grass on city lawns still bright green & a few flowers lingering on.

In Garden: a Chickadee (heard), a Junco, 2 White-throats, several House Sparrows and a Flicker.

C. came out from Boston & spent day arriving at 10.50. We first walked about garden with the dogs and then had a long talk. After that we dressed for dinner at which our guests were Mrs. Sawyer, Mary Greenough, Clara Howe, Susy Willard, George V. Lovell & Frank Manning.

We had two Turkeys (7 & 8 lbs) reared this year at the farm & various other things from them. Mary G. & Clara H. left soon after dinner. The others stayed on - Frank & Louella until 6.30. C. went back at 5.30. I have just had supper alone

Called at 7.30. With me I spent a solitary evening

Cambridge

Ther

Friday, Nov. 26, 1915

Wea
Perfect

A duplicate of yesterday as regards weather, with essentially the same deep bluish, windless air & clear, albeit pale, sunshine.

In Garden: - 2 Chickadees, 2 Gold-crests, a White-throated Sparrow (heard), several House Sparrows. Jays much less often in evidence than they were at this season last year. Perhaps they will increase in number & in the frequency of their visits later on.

Spent day in & about Museum giving much of my attention to the work of a Carpenter on the pigeon house, also writing letters & cheques for bills. Three men appeared just after dinner to install a telephone in Museum but they departed soon without doing much.

To the Sparks St. I came home at 7.30 to dinner with Mary & George & Barbara Carter. Found I had mistaken the time but which was really 6.45. Stayed on until 9.45 & enjoyed it greatly.

Cambridge - Boston

Ther

Saturday, Nov. 27, 1915

Wea
Fine

Sunny but hazy. Dead calm all day. Mild but chilly. Heavy hoar frost in early morn. Clouds gathering at sunset.

To Harvard Square at 10 a.m. to meet appointment with Dr. Andrews who worked on my teeth until 11.30 when I went to Boston. Spirit kept their hands neatly in our office when I saw Arthur & Mrs. Haley who had come down from Haverhill. Lunched at Martin's.

Leaving office at 3 P.M. I went to Stewart's and ordered records for trial from the Victor December Catalogue. Then to the Abbotsford where I spent an hour with C. who seemed much better and was busily engaged rolling bandages for two soldiers in Europe. Home by 5.45.

E. R. S. returned from Bangor by the night train reaching Boston this morning. He spent evening together in hall & the reading aloud from "The Duller's children"

Cambridge

Ther

Sunday, Nov. 28, 1915

Wea
Fine

Clear, calm, mild. Heavy hoar frost whitening everything in early morning.

In Garden: Hermit Thrush (perched on low branch of linden just under my window at 8 a.m.) Chickadee (heard) Golden-crow (heard); White-throat (3), House Sparrows (2), Crow (2 perched on fence), Flicker (2), Downy (heard)

Spent most of day in Museum writing letters. Had intended to meet C. at St. Paul's Church but felt too tired & otherwise "out of kilter" to make the trip. We had another concert from Twilley for dinner & as guests Mrs. C. G. G., Irving Fuller, Alice Allgey & Constance Wilbison.

Harry Spelman called at 8 P.M. to get dates for showing a deed to the land at Concord that I have bought recently of John Gardner.

Cambridge

Ther

Monday, Nov. 29, 1915

Wea
Stormy

Baltimore Oriole reappears
Dark cloudy with light easterly wind, and rather heavy rain. Clouds breaking away & sun shining brightly later.

In Garden: Chickadee (heard), Gold-crow (do), 3 White-throats & 5 or 6 House Sparrows, Crow & Downy W. seen on wing. Her Gull high overhead. As I was standing on Museum steps about 4 P.M. a Baltimore Oriole, no doubt the same as that noted on 8th & 19th insts, alighted in paper bin some ten yds off and remained there, in company with 2 House Sparrows, at least 5 minutes, thrusting its sharp-pointed bill into the brick cones and apparently extracting & eating these seeds. Thus engaged much after the manner of such *Tringillidae* as Goldfinches, Redpolls & Juncos, it dealt with cone after cone to the number of a dozen or more all told. After viewing it long & critically through my glass I went at once to my series of Oriole skins & found among them several young ♀♀ in autumnal plumage (shot in Aug. or Sept.) which evidently matched this bird very closely. It was, indeed, quite obviously of that age & sex - a normally colored specimen & one in excellent health & full vigor. As on the two former occasions it uttered no note of any kind & presently disappeared while I was looking elsewhere.

In Dr. Anderson at 11 A.M. He worked on my teeth until 12.30. Spent remainder of day in Museum writing letters etc.

Cambridge

Ther Tuesday, Nov. 30, 1915 Wea
Fine

Clear & rather cool with light westerly wind.

In Garden: 2 Chickadees, a Gold-crow, 2 White-throats, several House Sparrows.

Spent day in and about Museum supervising work on pigeon house & the pulling up of electric lamps to light the walk from rear of house into garden and to Museum.

Mrs. Cobb & Henry Fuller called at 8 P.M. after that E. R. S. read Frodo to me while I read Harry Spelman came bringing a deed that he had drafted for the Barrems land. It proved faulty in respect to one detail so he took it away & will send a revised copy to me at Concord.

Cambridge - Concord

Ther Wednesday, Dec. 1, 1915 Wea
Perfect

Brilliantly clear and almost wholly windless. Frost at noon & eve, just bracingly cool through day.

In Garden: at least one White-throat chirping and 2 jays screaming.

Concord Farm. 3-4 P.M. Six or eight Tree Sparrows in orchard calling to one another in pleasing chorus of clear, tinkling notes. Brown Creeper and Henry Woodpecker heard near Pulpit Rock. Partridge flushed in trees.

To Harwood Square at 9.30. Dr. Andrews kept me two hours, felling three teeth.

Gilbert & I left home at 2 P.M. & motored to Concord via Haverly, Belvidere Spring & a new road leading over picturesque wooded heights to Lexington, thence by way of Bedford & Carleton Bridge. No trace of green in country fields. Reached farm at 3.15. Walked to coal field with James at 4.30.

Concord - Cambridge.

Ther Thursday, Dec. 2, 1915 Wea
Stormy

Rosy sunrise over heavily hoar-frosted landscape. Clouds gathering through forenoon. Snowing fast by 12.30. It ceased by 3 P.M. Only a thin blanket of it fell or at least remained unmelting. Dead calm all day. Air intensely chilly. Ground hard frozen.

Several purple ladies' delight blossoms & two of yellow Coreopsis untouched by frost, in front of house.
At Concord Farm: 30 or 40 Tree Sparrows &

a few (5 or 6) juncos flitting about middle patch chasing one another to & fro among the apple tree branches, ^{a single Robin flying low S.} Downy or Suet (put up last Spring); 2 Golden Crests in Birch Field; (30+) Canada Geese flying low, due south, over Green Field & Burdick's house at 11.30 and heard them first after off to N. Good view of them passing a minute or two later. They flew in V-formation & honked faintly. Started 2 Partridges in Birch Field, well Phonon feeding front of house at noon.

Gilbert met John Barrmer at Concord Village at 8.45 & brought back signed & returned deed to the land I have just bought. Meanwhile I staked it out - a strip 10' wide by 471' long - Mowbray, Cooper & Burdick helping.

Burdick & I went later to Dick's Field & cut more pine for Christmas from the Shining killed a Plymouth Black Jack - & was severely threatened for it.

Gilbert & I left Farm at 2 P.M. & returned to Cambridge via Arlington & took Park St. & 9 Phenakia in heavy frost in description

Cambridge.

23 Ther Friday, Dec. 3, 1915 Wea
Dull

Cloudy & mild but intensely chilly with little or no wind. The light snowfall of yesterday, all melted to-day.

In Garden: White-throated Sparrow heard, half a dozen or more House Sparrows seen.

Spent day in Museum supervising completion of work on figure boards. It has outlasted what I had anticipated many times. Because consisting of series of experiments with pulleys, slides etc. for letting the birds' feet in by means of cords worked from below & passing for the most part, ~~removable~~ at first.

Walter Tappan called at 9.30, staying through forenoon. He has changed his original views materially respecting the Great War and seems now inclined to favor the German side of it rather liberally. I gave him two sets of all my duplicate copies of my writings (one for Dr. Tyler.) - Am spending all holiday among C.R.S. having gone to The Bee.

Cambridge - Boston.

Ther

Saturday, Dec. 4, 1915

Wea
Dull.

Clear & cool with light westerly wind.

To Harvard Square at 9.30. Dr. Andrews worked on my teeth until 11, finishing with them. As I sat in his chair a Gull appeared occasionally, soaring high. Over a Crow alighted on roof of Sears block, remaining there several minutes.

I next went to Marks for hair cut. Then to Boston where I remained at our office most of the time from noon to 3 P.M. when I visited a store on Arch Street to look at safes & book cases. Then to Columbia Graphophone plant to get a record. Then to Edison Phonograph Agency on Boylston St. where I heard several records played by one of their instruments. Although the tone was very sweet & pure I somewhat did not like it. Reached The Atholford at 4 & spent an hour with C. who seems much improved in health. Home by 5.30. E. R. S. read about to me after dinner.

Cambridge - Boston

Ther

Sunday, Dec. 5, 1915

Wea
Fine

Clear & cool with light westerly wind.

In Garden: a Chickadee, a White-throat, several House Sparrows; across Brattle Street, in Harvard Park, a Flicker, a Downy, 4 Crows stalking about on ground within outer yards of occupied houses.

To Boston at 10.30. Met C. at St. Paul. Dr. Roumaneu presided. Divinely beautiful music. After service walked across Common & Public Garden to Dedications Soc., with C. A Downy Woodpecker in elms in Commonwealth Ave. mall. Returned via Subway reaching home at 1.30. Miss Allie, E. R. S. & I dined together & had beautiful music afterwards. After that I wrote letters in Museum until almost supper time. After supper E. R. S. read about to me from The Dullies that dream. No calls today. Grass in Commonwealth Public Garden as green as in mid April.

Cambridge.

Ther

Monday, Dec. 6, 1915

Wea
Dull

Cloudy & very chilly yet not cold for the ground was muddy in our garden paths. A few snow flakes falling occasionally.

In Garden: a Chickadee (at suit), Gold-crust (heard), White-throat Sparrow (chill-plumaged, chipping among shrubbery front of Museum), several House Sparrows, a Jay, a Flicker (heard)

Spent day in Museum writing letters and rearranging things in my desk and collection. "Jimmy" with me most of time. He dislikes the cold & loves my open fire. No one called today. The Carpenter worked for an hour or two, finishing his various miscellaneous tasks.

Natural Club meeting this evening, rather largely attended. Annual election of officers - all re-elected. Peters gave us an interesting talk on Birds observed along coast of the Carolinas last summer. I showed slides with supposed fossil footprints. Townsend & others pronounced a iguana & non-fossiliferous.

Cambridge.

Ther

Tuesday, Dec. 7, 1915

Wea
Dull.

Then cloudy, chilly & almost windless. Surface of exposed ground frozen over night muddy at midday. One lawn still green.

In Garden: a Golden-crowned Jay, Flicker and 4 or 5 House Sparrows.

Spent day in Museum writing many letters including ones to Harris Brown and another to Carr intended to reach them at Christmas time. My daily mail has been unusually heavy, of late requiring much work to keep it answered.

E. R. S. read President Wilson's annual message aloud to us this evening - a long winded document infused in literary merit to what he has written before but more deficient, we think, in word choice.

Cambridge.

Ther Wednesday, Dec. 8, 1915 Wea
Snowy.

Dark cloudy with fine, dry snow flakes falling ceaselessly yet not thickly enough to cover the ground to a depth of more than an inch by nightfall, although loading every tiniest branch & twig, there being little or no wind.

In Garden a Chickadee & a Red-bellied Nuthatch at the Suet, several House Sparrows in shrubbery, a dozen or more Gulls drafting high overhead towards the sea.

The Nuthatch, a dull-colored ♀, attacked the Suet vigorously, as if very hungry, eating it greedily at first, but after awhile she began taking off small fragments, no doubt to cache them somewhere although that I did not see.

To Batchelder's at 9.30 a.m. to discuss N. E. Toole's Club matters, with Miss Barbour. We spent whole forenoon talking them over.

In afternoon I wrote a lot of letters. E. K. S. read aloud to me after dinner this evening - from "The Duller's Children."

Cambridge Mass.

Ther Thursday, Dec. 9, 1915 Wea
Fair.

Sunny but hazy, mild but chilly, almost windless.

• In Garden a Chickadee, a Red-bellied Nuthatch (certainly not the bird seen yesterday) and two or three House Sparrows. The Suet in catopra tree about 9 a.m. Later I saw a ♂ Downy in this tree but not at the Suet. Besides there was a Blue Jay in the lilacs, I heard a Golden-crest, also.

Spent most of day in Museum writing letters; copying field notes. In late P.M. visited by Harold Squire when Remee witnessed my signature towards application for a 1916 automobile license. Also called at Harvard Corporation where I left a copy of book to be returned & bought a few things.

E. K. S. read aloud to me in the evening when Boston called to get some of Nuttall Club records.

Cambridge.

Ther ^{20.0} Friday, Dec. 10, 1915 Wea
 Council Meeting Nuttall Club
 Considers publishing Humbug Birds Fine

Clear & cold with high N. W. winds.
 Ground hard frozen & coated thickly
 almost everywhere with snow or ice.
 Thus really winter conditions are begun at last.

In Garden: a Chickadee (at suet), a
 Golden-crest heard, 2 or 3 House Sparrows
 seen. Percy saw 2 Flickers, Gilbert a Hairy W.

Spent day in Museum, writing letters
 in forenoon, going over Umbugg M.S.
 in afternoon preparatory to presenting
 facts and estimates regarding it at a
 meeting of Council of Nuttall Club this
 evening attended by Jeffries, Batchelder, Bangs,
 Walter Deane, G. M. Allen, F. H. Allen &
 Mr. Boston. Thus we had all the
 members present save Townsend. They
 met in my study where I put on the
 open fire and took from one of the
 rafters of our old barn. We discussed
 ways & means of publication until nearly 11.
 They finally voted unanimously to undertake
 publication & appropriated \$1200. with the
 understanding that I contribute \$1000. towards
 the cost of the first volume & perhaps
 something more for the second if there is one.
 We ate many big apples from the farm.

Cambridge.

Ther Saturday, Dec. 11, 1915 Wea
 16°-24° C. returns from Boston. Fine

Clear and cold with high, keen N. W. wind.

In Garden: 2 ♂ Red-bellied Nuthatch & 2
 Chickadee visiting suet hanging near Museum Study
 window, the former birds carrying off many small
 pieces of the suet, the latter surprising me
 by singing rather freely giving the phoe-bee notes
 as loudly & sweetly as they are ever uttered in Spring.
 Shortly after this (at 9.30 a.m.) 2 Jays appeared
 in the shrubbery close to the window where
 they perched motionless side by side in the
 wan sunlight, sheltered by the building from
 the chill northerly wind. There was also
 a ♂ Downy and 2 Crows flitting through
 the jungle about the barn. Townsend
 half a dozen House Sparrows around
 the place all day. A Golden-crest heard
 in the lilacs, completes the list of species noted.

I spent the day in Museum looking
 over Umbugg M.S. and adding to the
 Introduction a freshly composed page.

C. returned from the Abbotsford at noon,
 receiving a tumultuous welcome from both
 the dogs. He had Victrola, music and leading
 about in the hall this evening.

Cambridge

Ther 18° Sunday, Dec. 12, 1915, Wea
Softer to South. Henshaw on the resignation

Clear and cold with fresh westerly
wind. Ther. has not risen at any time above
24° during past two days.

In Garden: A Chickadee and a Red-bellied
Nuthatch taking turns at feed by Museum
window in early forenoon. As before the
Nuthatch carried off most of the seed he took.
There were also a Blue Jay & Towns half down
House Sparrows. I noted nothing else.

Spent most of day in Museum writing
letters. In one to Samuel Henshaw
(copied in letter book) I expressed my
intention of resigning my position in
Mus. Comp. Fund. at an early date at the
same time stating my reasons therefor.

Mrs. Proctor of Wellesley (wife of the oculist)
called at 12.45 to consult me about the
desirability of killing House Sparrows & Squirrels.
She did not depart until 1.30 when Mrs. Ablyn
arrived to be our only guest all day.

After tea we had a good Victrola Concert in
the hall. E. R. S. read about them this evening.

Cambridge

Ther ... Monday, Dec. 13, 1915 Wea
Heavy easterly gales. Foul

Cloudy, calm & mild through day.
Soon after dark an easterly rain storm
broke suddenly until by 8 P.M. the wind
was blowing a living gale and the rain
falling in sheets. When, about that hour,
I went out to post some letters it
seemed almost too hazardous to pass under
our big lindens. The heavier gusts threatened
to dismember one and all of them and
shred and scald through their leafless
tops as through the cordage of a sail.
Fallen branches straggled & scattered
down near the main box being as thick
as my arm and pinning me as I

In Garden: 2 Chickadees coming to feed
near my window; a Golden-creeper with
them at times; a dull colored White-throat
with feet sharp in scrubby at base of
house with several English Sparrows; a
flock of 16 Gulls diving high eastward.

Spent day in Museum working on Lindbergh
introduction. Burbank drop down in forenoon
bringing lumber & Christmas trees. We had
Victrola music & reading in hall this evening.

Cambridge.

Ther Tuesday, Dec. 14, 1915 Wea
20° "We Dine" Time

Clear, calm, mild. A "white world" again for the tempestuous rain falling through most of last night turned to snow at the last, powdering the trees & covering the ground to the depth of six inches or more.

In Garden: a Chickadee at once by my window, a Golden-creeper & a White-throat heard, a Thrasher calling in jungle, a ♂ & ♀ Hairy Woodpecker at work low down in lilacs at rear of house, & one ♂ House Sparrow flitting to & fro.

Of letter writing there seems to be no end for me of late. I had to devote this entire day to it although eager to resume work on Unikop M.S.

Dick Dana called in late P.M., staying upwards of an hour. He has been taken through Sing Sing Prison lately by Osborn and his account of it is most interesting. He admires Osborn and has strong faith in the wisdom of his prison reforms.

We had Victor's music & reading in the hall this evening.

Cambridge, Boston.

Ther Wednesday, Dec. 15, 1915 Wea
20° "We Dine" Time

Clear & cold with fresh N.W. wind.

In Garden: 2 Chickadees & a ♂ Red-bellied Nuthatch coming to grate, a Golden-creeper & a Downy heard, about 6 House Sparrows

Spent day in Museum working on Unikop M.S. Tried to rewrite a couple of pages intended for the Preface but got tangled up with the matter and could not seem to write through it although something was produced that may be made to serve.

Went had the "Wedding" at the Harvard Club in Boston this evening. Walter & I went in together. Everyone there except Gordon who was brought by a guppy cab. We had a good dinner & after it sat by an open fire in an unheated room. I talked mostly with Charles & Bent. Home by the

Cambridge

Ther Thursday, Dec. 16, 1915 Wea
"and 2nd" Fine

Clear & just seasonably cool
with light northerly wind. Pretty
much everything out of doors still
thinly encrusted with snow or ice.

In Garden: 2 Chickadees at suet,
a Canada Nuthatch heard whining,
a screaming jay, several House Sparrows
and a White-throated Sparrow
certainly different in dividers
from the one seen here before of
late for that was dull & this
decidedly bright plumaged.

Spent day in Museum struggling
with timbago paper & advancing
it little if at all. It is rather
discouraging to thus begin the
winter but perhaps I shall
do better after "settling into"
the harness again if at all events
it is best to hope so.

Gilbert visited C. & E. R. S. in
town this forenoon for Christmas shopping.
Harry & Alice Bartlett called this evening.

Cambridge

Ther Friday, Dec. 17, 1915 Wea
Stormy

Dark cloudy with steady fine rain falling
all afternoon and evening, freezing as it
struck and coating everything most
dangerously with wet glare ice.

In Garden: a Chickadee and several
House Sparrows the only birds noted.
I have not once seen any of the Sparrows
touch the suet although they approach
it closely and regard it wistfully.
The Chickadee and Nuthatch partake
of it daily or even hourly and in
all weather yet this has not happened
during the past two winters if I
remember aright. Perhaps the resumption
of the habit of resorting to it regularly
in our Garden is due to its general
absence elsewhere - of which I have
no present evidence, however.

Working all day in Museum, mostly
on letters through forenoon, afterwards
on my Preface, which progressed a little.
E. R. S. wants to see me this evening. C.
& I had a long British Council in hall.

Cambridge - Boston.

Ther Monday, Dec. 20, 1915 Wea
Fine

Clear & cool with fresh westerly wind.

In Garden: (2) Chickadees near Suet,
♂ Canada Nuthatch on it, ♂ Hairy Woodpecker,
approaching it with 2 ft. as he climbed
trunk of catalpa tree in which it hangs,
White-throated Sparrows heard in shrubbery
near of house, Downy Woodpecker heard
across North Street in Hubbard Park.

Wrote letters & cheques for a couple of
hours after breakfast and then went
to Boston where I lunched at Marston's
and remained in one office from 1 to
3.30 P.M. Had a talk with Arthur
about Wolfson matters and dictated
a short letter to Cousin Elizabeth in
reply to one from her relating to an
application for help from our poor fund.
Also visited Safety Varnish & took out
Copper Range cart. to exchange for one
in reorganized company. Home by 4.
Institution Club meeting this evening.

Found several dead paper on new side of
Parus hudsonian & another on E. side.

Cambridge.

Ther Tuesday, Dec. 21, 1915 Wea
Fair

Early forenoon cloudy. Remainder of day
brilliantly clear. Very light wind. Air keen &
frosty yet not winter cold.

In Garden: a Chickadee & ♂ Canada Nuthatch
at Suet in Catalpa, a Hairy & a Downy
Woodpecker in jungle, a Fox Sparrow & a
dull-colored White-throat at edge of brush
grass feeding on ground with 15+ Hairy
Sparrows, a Jay flitting about, screaming.

With C., E. R. S. & E. W. F., I went to the
polls (Lowell St.) at 9.30 A.M. and
voted for most of the Reform Party's
candidates. Returning, C. & I fed the sex
white Fantails on Museum steps finally
taking them all into the hall way. After
that I wrote letters up to luncheon time.

At 2.30 Gilbert invited me to
Mrs. Camp's parl. where I had a frank
talk with Sam Henshaw about resigning
my curatorship. He said it would cause him
serious embarrassment & explained why. I
finally yielded & agreed to serve at least another
full year. Called at Harvard Club on way
back Victoria House 8-9 P.M. Had a midnight
stroll through garden with C. & the dog.

Cambridge, D. G. Elliott died of pneumonia in N. Y. City

Christmas Carol Serenade

Ther Wednesday, Dec. 22, 1915 Wea
Mass. Marbled Godwit Fine

Sunny but somewhat overcast. Little or no wind. Everything white with hoar frost in early morn.

Birds in Garden: 2 Chickadees, White-throats (heard), 2 Jays, 10 or 12 House Sparrows.

Most of forenoon devoted to writing a long letter to Henry H. in answer to one that came from him last evening. He feels that the time has perhaps arrived when he should resign his position as head of Biological Survey. I am inclined to agree to this & have written him to such effect.

The afternoon mostly given up to showing my collection to Augustus Hemenway, Matt Owen & the latter's son. They arrived about 3 P. M. bringing with them a mounted Marbled Godwit

shot on Cape Cod several years ago by ~~Mr.~~ Hemenway whom Matt had persuaded to give the specimen to me.

Shortly after dinner this evening we were serenaded by Miss Thompson's two children who sang two Christmas carols at the head

Cambridge

Ther Thursday, Dec. 23, 1915 Wea
Moth on wing in Garden Muffled

Hoar frost in early morn. Forenoon calm, mild, sunny but densely hazy. Afternoon cloudy. Evening rainy. Snow & ice all gone, even at Concord, as I learned from a man coming thence to-day with load of wood. A small whitish moth flying past Museum in P. M.

In Garden: The Fox Sparrow and dull-colored Peabody birds feeding on grounds, at edge of lilac thicket, with a dozen House Sparrows, at 9.30 A. M. Shortly after this I heard a Downy call in jungle and saw a ♂ White-bellied Nuthatch come to suet hanging in Catalpa in front of Museum. I wonder where the bird last named can have come from. Neither it nor any other of its kind has certainly been noted hereabouts this winter although I thought one called over within my hearing in Hubbard Park a week or two ago.

Spent day in Museum writing letters & Christmas greetings on cards etc. Forbush's assistant called at 11 A. M. & remained until 1. He brought a ♂ Ectopistes, which the owner wishes me to keep for him "indefinitely" & took back a lot of bird skins borrowed by Forbush for use in coloring lantern slides.

of in old & now disused driveway, beneath the Pease Room window when C. & I stood listening by the candle she had lighted there. It was all very sweet & solemn.

Cambridge - Boston

Ther Friday, Dec. 24, 1915 Wea
40° Fair

Clear; calm, mild - although frosty in early morning. A late autumnal sort of day.

In Garden: a Chickadee, Golden-crowned Kinglet, Fox Sparrow, 2 Parula birds (one showing an almost clear white throat, the other very dull colored), about a dozen House Sparrows, a Jay (heard screaming).

Spent forenoon and part of afternoon in Museum working letters in C. & S. R. S. motor car into Boston at 11.

Just before sunset I found them at The Abbotsford, where we were to spend Christmas with Miss Holman & Miss Harkness, who had already arrived from Lancaster to be our guests.

C. went off with them in a motor car at 7 P.M. to see illuminations at Beacon Hill, not returning until 10.

S. & I passed the evening together, she reading aloud to me from "The Duke's Children".

Boston - Cambridge

Ther Saturday, Dec. 25, 1915 Wea
40° Christmas at the Abbotsford! Fair

Forenoon sunny but very hazy; afternoon cloudy. Windless & mild all day. Raining soon after dark.

We met down stairs at 8.30 for breakfast. Soon after it I soaked across Public Garden & Common to St. Pauls Church where I left her with Lorry Fuller and went over to Cambridge. There I spent remainder of forenoon in Museum returning to Abbotsford at 12.30. As our train crossed W. Boston Bridge I saw in space between it and Craigie Bridge, certainly near there 1000 Gulls, & perhaps twice as many, packed closely together on thin ice bordering open water & covering half an acre, or more of it.

After luncheon we played the backgammon in our parlor for upwards of an hour, Miss Holman & Miss Harkness joining to enjoy the game.

We all dined together in the little private dining room at 7 P.M.

The evening was passed up stairs in our guests' apartment where also we had afternoon tea at 5 P.M.

Boston - Cambridge

Sunday, Dec. 26, 1915

Wea

D. S. Elliott furnished 10 p.m. Mixed
Presbyterian Church, New York City

Heavy, warm rain falling all last night
Early morning sunny & mild. More rain
Towards noon followed by a blinding
snow storm, accompanied by a full gale,
lasting about three hours (1-3 P.M.).
After that clearing skies & falling temperature

We breakfasted together & spent much of
forenoon in our guests' rooms in the
5th story. C. went to church about 11
and returned at 12.30, driving to & from
St. Pauls in a cab. Miss Holman &
Miss Hallness departed for North Station
in a similar conveyance at 12.45.

We three who were left lunched at 1.30.

I started for Cambridge shortly before 3
when the storm was at its height.

One could scarcely see across the street

so thickly fell. The big snow flakes and the

wind was really terrifying. More than once

it almost threw me down as I struggled

towards the subway station on Bay State St.

Had the furious gusts abated much of their
violence when I reached Cambridge & walked
down Sparks St. to find our front yard
strewn with branches torn from the oak

The ground had melted so that the snow had ceased falling. The snow was in the air in a depth of a few feet. The snow was in the air in a depth of a few feet.

Cambridge

Monday, Dec. 27, 1915

Wea

Ther Peabody bird in full song Fair

Partly sunny, mostly thin cloudy, calm,
mild; snow fall of yesterday melting slowly.

In garden 9. A.M. A Blue Jay in
clothes yard eating a piece of white bread; a
Fox Sparrow under Parkman's apple tree, where
the snow had been brushed off the ground
strewn with mallet seed, maintaining
well right monopolizing this attractive little
space (no bigger than a blanket) against
the further incursions of a dull-colored
Peabody bird and the bolder incursion of
half a dozen House Sparrows. I noted no
other species save the Chickadee, heard just
outside my study window, very near
this window, shortly after sunset; the
full song of a White-throated Sparrow long
with loud clear to be over repeated. Whether
or no its author was the self same bird
seen earlier in the day I cannot say
for he did not show himself.

Spent day in Museum working letters.
We opened Christmas packages this eve, E. R. S.
had none, C. rather many, I only a few.
We have sent out no gifts to speak of this year.

Cambridge - Boston

Ther Tuesday, Dec. 28, 1915 Wea Stormy

Dark cloudy and somewhat foggy with ceaseless light, drizzling rain; altogether a depressingly gloomy day, albeit not a cold or even very chilly one. Snow & ice entirely gone again.

In Garden: An immature plumaged Peabody bird, several House Sparrows & a Downy Woodpecker (heard). I noted nothing else.

Spent most of forenoon in Museum writing letters. To Boston at 12:15.

Went direct to our office where I saw Arthur & had a rather long talk with him & with Mr. Halsey (who joined us at 1:30) about a Society.

Society in Worcester Academy, inaugurated in March last year. Halsey has been selling opinion concerning it. Every one disapproves but to suppress it now seems unwise. All the Trustees should first be consulted. We then agreed it had better be postponed until Annual Meeting. I dictated a letter to Prof. Lord about it asking his opinion. Also signed all the quarterly checks. Hours by \$3.30, very cheap. Butcher & Halsey after dinner.

Cambridge.

Ther Wednesday, Dec. 29, 1915 Wea Stormy

Snowing steadily all day long, covering the ground to a depth of about six inches by night, this being the most considerable snow fall of the winter thus far. There was little wind and the temperature remained at or about 32° most of the day.

In Garden: a Chickadee (heard), Flicker (heard), Crow (flying low through jungle), Fox Sparrow (perched in lilacs at rear of house), House Sparrows - no more than 4 or 5.

Spent entire day in Museum. Wrote letters, arranged for the shipment of a peck of Baldwin apples from our farm & 100 Sheldon pears from the Summer market, to Gray Jefferson at Marble Arch Hotel, London. They will go by the S.S. Etowah on Friday. We had to pay \$3.50 expressage on apples alone.

Also hunted for big bugs in bird & egg cases only four of which were found to be infested & those but slightly. Baldy called in P.M. Victoria named the worm.

Cambridge

Ther Thursday, Dec. 30, 1915 Wea Perfect.

Breathtakingly clear and almost windless with crisp, dry air, frosty yet without any penetrating chill.

In Garden: A Red-bellied Nuthatch not noted here before since the 21st / wintering around and up a trunk of one of the big lindens in front of house at breakfast time. Shortly after this Perry swooped down on a space about two yards square under linden & scattered a host of seeds there. It soon attracted a host of Sparrows mostly P. domesticus at least 12 or 13 in number but also including a Fox Sparrow & 3 White-throats all immatures & the largest I have seen here at any one time this month. There were also 2 Crows & a Jay flitting through Juniper & a Downy Woodpecker.

Spent forenoon in Museum continuing inspection of collections for bug work & finding several kinds of Anthracis in an egg cabinet.

Spent afternoon in Longfellow Chambers with Miss Allyson as hostess. Her other guests were Mrs. Gardie, E.H.S., Mr. Sharp & an agreeable English friend of his. Mr. ... Returned at 3.15. Note called a little later to borrow a lot of birds for Mrs. Comp. Insley. He stayed until 6 P.M.

Victrola record & leading about in hall of museum - G. eating bread & butter while...

Cambridge

Ther Friday, Dec. 31, 1915 Wea Fine

Clear, calm, cold. Typical mid-winter day.

In Garden: General dearth of birds. The only ones I noted were two immature White-throats & about a dozen House Sparrows, feeding together on seed bed at edge of linden thicket.

My fan-tail Pigeons evidently detest cold weather and during its continuance rarely venture out of their snug quarters on my study save at feeding time when they fly down to the grain scattered on front steps of Museum.

Spent entire day in Museum devoting most of it to continued search for bug work in specimen cans. Found of rather primitive type containing series of Geckles, 7-bellies etc. proved to be rather badly infested but the damage to the skins is not very serious fortunately.

Writing this at 11 P.M. C., Miss Bishop, Miss Chapman, Larry Fuller & Miss Swamy have gone to Boston in a car on route to see Old Year out & New Year in. C. back at 12.30.

Midnight. Prodigious blinding of bells & blowing of steam whistles Boston way, coming on our front steps, listening to their clamor.

Memoranda

Memoranda

Memoranda

Memoranda

Birds in our Garden, Cambridge.

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
1.	House Sparrow 1 ⁶ +2 ⁴ 3 ⁶ 4 ⁸ 5 ² 6 ⁴ 7 ⁶ 8 ⁸ do 7 do 8 do	
2.	Screech Owl 1 gray bird in Catalpa front of Mrs. S.P. St.	
3.	Blue Jay 2 hd. 3 hd. 6 hd. 7 ² 8 ¹ 9 ³ 10 ^{hd} 11 [']	
4.	Chickadee 3 ['] 9 [']	
5.	Downy W. 3 ['] 6 ^{hd} 7 ^{hd} 8 ^{hd} 9 ^{hd} 17 ^{hd}	
6.	Crow 3 ⁽²⁾ 8 ² 25 ^{hd}	
7.	Flicker 5 in 6 hd 7 ⁽²⁾ in 8 ^{hd} 9 ['] 10 [']	
8.	Herring Gull 18 ³ 19 ⁶	

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
9, 10 ⁵ 11 ⁴ 17 ⁸ 19 ⁶ 20 ⁶ 24 ⁶ 25 ⁶ 26 ⁵ 27 ¹⁵ 28 ¹⁵ 29 ¹² 30 ⁴ 31 ¹²		
	(27 ['] 28 ⁽²⁾ 29 ⁽³⁾ 30 ^{hd} 31 ['])	
13 ^{hd} 17 ² 19 ^{hd} 20 ^{hd} 21 ^{hd} 22 ['] 23 ^{hd} 24 ['] 25 ^{hd} 26 [']		
19 ^{hd} 20 ^{hd} 21 ^{hd} 24 ^{hd} 26 ['] 31 ⁽¹⁹⁾ in Catalpa front of Mrs. S.P. St.		
11 ³ in P. aff. 13 ^{hd} 16 ² in P. aff. 24 ^{hd} 26 ⁽¹⁶⁾ in P. aff. 27 ['] 28 ['] 29 ⁽¹⁶⁾ in P. aff.		
		31 ⁽¹⁾ in Linden

Birds in our Garden, Cambridge.

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
1.	House Sparrow 1 det. 4 ⁽⁴⁾ 5 ⁸ 6 ⁸ 7 ¹² 8 ¹² 9 ¹⁵	
✓ 2.	Blue Jay 2 hd. 4 hd. 5 ² 6 ^{hd.} 7 ^{hd.} 8 ² 9 ²	
✓ 3.	Flicker 3 ⁽⁸⁸⁾ in Park aff. 4 do. 6 ^{to bark} near tree 7 hd. 9 ⁽²⁾	
✓ 4.	Crow 3 ^{to fly} low. 6 hd. 13 hd. 14 hd. 15 ^{hd.}	
✓ 5.	Juncos 6 ^{to eat} zinnia seeds. 7 hd. 8 ⁸ 10 ⁸ 14 ⁸	
✓ 6.	Downy 7 hd. 8 hd. 14 ^{hd.} 15 ^{hd.} 17 ^{hd.} 19 ⁽⁵⁾	
✓ 7.	Chickadee 8 ^{heard distinctly} thrice. 10 hd. 13 ¹ 14 ¹	
✓ 8.	Purple Finch 13 ^{gray bird} eating fruit of Park affle. 15 ¹ do. 19 ⁽²⁾ do.	
✓ 9.	Golden-crest Kinglet 16 ⁽²⁾ ^{in lilacs} with Chickadee	
✓ 10.	Sparrow Hawk 22 ⁽⁸⁾	

✓ (Blue Jay) 23⁽⁹⁾ at 8 a.m. 25² 26²
 (House Sparrow) 23⁸ 24⁶ 25⁶ 26¹² 27¹² 28¹²

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
11	8 ¹² 12 ¹² 13 ¹⁰ 14 ¹⁰ 15 ⁶ 16 ⁵	17, 18, 19 ² 20 ⁴ 21 ¹⁰ 22 ⁴
12	2 ³ 13 ² 14 ² 15 ² 16 ^{hd.} 17 ² 18 ² 19 ¹ 20 ² 21 ² 22 ²	
13	14 ¹ 15 ⁽²⁾ 16 ¹ 17 ¹ 18 ⁽²⁾ 19 ⁽²⁾ 20 ¹ 21 ¹ 22 ¹ 23 ¹ 24 ¹	
18	hd. 19 ^{hd.} 20 ^{do.} 25 ² 26 ^{hd.}	
19	⁽⁸⁸⁾	
21	♀	
16	^{with 2} Reg. Satafa. 17 ¹	
21	⁽²⁾ gray do. 24 ⁽⁸⁾ 26 ⁽⁴⁾	
25	⁽²⁾ ^{fruit of} ^{tree}	

Birds in our Garden, Cambridge.

CASH ACCOUNT. MARCH.

Date.	Received.	Paid.
✓ 1	Junco 1' 3' 9' 10' (2♂♂)	
✓ 2	Flicker 1' (2) *rdm. 3♂ 4' 5' 7' 10d. 19'	
✓ 3	Jay 1' 2' 3' (3) 4' 5' 6' 7' 8' 9' 10'	
✓ 4	House Sp. 1' 10' + 2' 10' + 3' 12' + 4' 10' + 5' 10' + 6' 10' + 7' 8' 12'	
✓ 5	Crow 2 hd. 3 hd. 5 hd. 9 hd. 11 hd. 17 hd. 18 hd.	
✓ 6	Purple Finch 3' 1' gray bird. 3' 1' 5' 10' (2) 10' gray	
✓ 7	Downy W. 3' (2♀) 5' hd. 7' hd. 8' (2♀) 10' (2♀)	
✓ 8	Crow Blackbird 10♂ in bush at 8 a.m. 17' (8♂♂ 2♀♀) 18 hd.	
✓ 9	White bellied Nuthatch 18'	
✓ 10	Robin 19' 1 calling at early morn in bushes. 24' 1 calling at eve. 25' do	
✓ 11	Goldfinch 19'	
✓ 12	Song Sparrows 29' 1 silent birds in bushes.	
✓ 13	Golden Crest Kinglet 28' in bushes.	

✓ Jay 23' 24' (2♀) 25' 26' 27' (2♀)
 House Sparrow 23' 24' 25' 26' 28'

CASH ACCOUNT. MARCH.

Date	Received.	Paid.
23' 24' (2♀) 25' 26'		
11' 12' 13' 14' 15' 16' 17' (5) 18' 19' 20' 21' 22' (2)		
10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22'		
19' 20' 21' 23' 24' 25' 26' 30' 31'		
14' (2) 15' (4) 16' (1) 18' (2) 19' (2) 21' (1)		
18' 31' hd.		(29' 230' 36')
19' 20' hd. 22' hd. 23' hd. 24' hd. 25' 26' (6) 27' 28' (2)		
26' 1 calling early morn. 28' 29' 30' do. 31' (2) fighting grackles.		
28' (2♀) 29' 30' (5) 31'		
29' 30' 31'		

Birds in our Garden, Cambridge.

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
✓ 1.	Robin 4 ¹² 5 ³ 10 ³ 11 ⁴ 12 ² 13 ¹ 14 ¹ 15 ¹ 16 ¹ 17 ¹ 18 ¹ 19 ¹ 20 ¹ 21 ¹ 22 ¹ 23 ¹ 24 ¹ 25 ¹	4 ♂♂ fighting on lawn 2 ♂♂ feeding on cow.
✓ 2.	Blue Jay 3 ² 4 ² 5 ² 10 ⁴ 11 ⁴ 12 ⁴ 25 ²	
✓ 3.	Downy W. 4 ¹ 5 ¹	
✓ 4.	Crow Blackbird 4 ³⁰⁺ 5 ⁸⁺ 10 ⁶ 11 ⁶ 12 ⁴	
✓ 5.	Boy Sparrow 4 ¹ 5 ¹	
6.	House " 4 ³⁰⁺ 5 ¹⁰⁺ 10 ²⁰⁺ 11 ¹²⁺ 12 ¹⁵⁺	
✓ 7.	Purple Finch 4 ² in P. apple.	
✓ 8.	Cowbird 4 ♂ feeding with House Sparrows on hump bed in space cleared of snow.	
✓ 9.	Junco 5 ¹	
✓ 10.	Crow 5 ¹ 10 ¹ 11 ¹ 12 ² 24 ⁸ 25 ¹	
✓ 11.	Cedar bird 10 ⁴⁰⁺ spent whole day in jungle eating Park. apples.	
✓ 12.	Hermit Thrush 10 ¹ silent bird by pond at ear.	
✓ 13.	Flicker 10 ¹ 11 ¹ 12 ¹	
✓ 14.	Ruby-crown Kinglet 25 ¹ (♂ showing ruby crest)	

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
12 ⁴ 23 ¹ 24 ¹ 25 ¹		
23 ² 24 ⁶ 25 ¹		
24 ⁴ 25 ⁴		
11 ¹⁵ 12 ⁸ 24 ²² 25 ⁴	one found do. dead, 24 jungle.	

Birds in our Garden, Cambridge

CASH ACCOUNT. JUNE.

Received. Paid.

- ✓1 Robin 3^{at} 4² 5² 6¹ 7^{at} 8^{at} 9^{at} 10^{at} 11^{at} 12^{at} 13^{at} 14^{at} 15^{at} 16^{at} 17^{at} 18^{at} 19^{at} 20^{at} 21^{at} 22^{at} 23^{at} 24^{at} 25^{at} 26^{at} 27^{at} 28^{at} 29^{at} 30^{at}
- ✓2 Oriole 3^{at} 9^{at} ^{heard by C in early morn.}
- ✓3 Redstart 4^{at} ^(in jungle) 5^{at} 6^{at} 7^{at}
- ✓4 Canada Warbler 4^{at}
- ✓5 Chimney Swift 3^{at} 4^{at} 5^{at} 6^{at} 7^{at} 8^{at} 9^{at} 10^{at} 11^{at} 12^{at} 13^{at} 14^{at} 15^{at} 16^{at} 17^{at} 18^{at} 19^{at} 20^{at} 21^{at} 22^{at} 23^{at} 24^{at} 25^{at} 26^{at} 27^{at} 28^{at} 29^{at} 30^{at}
- ✓6 House Sparrow 4^{at} 5^{at} 6^{at} 8^{at} 9^{at} 10^{at} 15^{at}
- ✓7 Blue Jay 5^{at} 8^{at} 9^{at} 14^{at} 16^{at} 19^{at} 20^{at}
- ✓8 Night hawk 5^{at} ^{hd at eve. toward S.E. pausing & (I thought) booming & ds}
- ✓9 Goldfinch 8^{at}
- ✓10 Crow 8^{at} 9^{at} 16^{at} 19^{at} 20^{at}
- ✓11 Sparrow Hawk 8^{at}
- ✓12 Flicker 8^{at} ^{near Moxie St in Hub. Park, 10^{at} ^{at on flag work front of house - pecking for ants}}
- ✓13 Starling 5^{at} ^{on lawn front of house}
- ✓14 Crow 8^{at} 9^{at} 19^{at} 20^{at} ^{at on lawn}
- ✓15 Catbirds 7^{at} ^{in jungle & room & 4 p.m.}
- ✓16 Titmice 9^{at} ^{at 11 a.m. 20 times / 15^{at} ^(silent)}
- ✓17 Red-eyed Vireo 10^{at} ^{in lindens & jungle all day}
- ✓18 Downy Woodpecker 10^{at} ^{in grape arbor Sunday Perry Harris} 29^{at} ^{in ragged fl. On ground under hole of log}
- ✓19 Screech Owl 29^{at} ^{working in lindens 9.15 P.M.}

CASH ACCOUNT. JUNE.

Date.

Received.

Paid.

- 19^{at} 20^{at} 21^{at} 28^{at} 29^{at} 30^{at}
 9^{at} 10^{at} 13^{at} 14^{at} 15^{at} 16^{at}
 9^{at} 10^{at} 14^{at} 16^{at} 20^{at} 28^{at} 29^{at} 30^{at}
 16^{at} 20^{at} 28^{at} 29^{at} 30^{at}
 21^{at} 29^{at} 30^{at}
 13^{at} 21^{at} 28^{at} 29^{at}
 21^{at} 28^{at} 29^{at} 30^{at}

Birds in one Garden, Cambridge.

CASH ACCOUNT. AUGUST.

	Received.	Paid.
✓ 1. <u>Scrub Owl</u> 3 ^{red ad.} ^{blue juv.}		
✓ 2. <u>Goldfinch</u> 4 ^{coll. note} ^{♂ ad.} ^(Sunflowers) , 7 ^{♂ ad.} ^(do) , 21 ^{♂ ad.} ^{do.} , 27 ^{♂ ad.} ^{do.}		
✓ 3. <u>Rose br. Grosbeak</u> 4 "		
✓ 4. <u>Robin</u> 5 ^{3 adults} ^{on lawn} , 6 ^{♂ ad.} ^{on lawn} , 7 ^{♂ ad.} ^{on lawn} , 11 ^{♂ ad.} ^{on lawn} , 20 ¹⁰⁺ , 21 ^{♂ ad.}		
✓ 5. <u>Blue Jay</u> 5 [♂] , 6 [♂] , 7 [♂] , 11 [♂] , 20 [♂] , 21 [♂] , 27 [♂] , 28 [♂]		
✓ 6. <u>House Sp.</u> 4 [♂] , 5 [♂] , 6 [♂] , 7 [♂] , 11 [♂] , 12 [♂] , 27 [♂] , 28 [♂]		
✓ 7. <u>Chiffy</u> 5 ^{1 ad. worn plumage} ^{on ground} , 6 ^{♂ ad.} ^{on lawn} , 7 ^{♂ ad.} ^{on lawn}		
✓ 8. <u>Swift</u> 7 ^{♂ ad.} ^{on lawn} , 10 ^{♂ ad.} ^{on lawn} , 11 ^{♂ ad.} ^{on lawn} , 4 ^{♂ ad.} ^{on lawn} , 4.30 P.M. 12 ^{♂ ad.} ^{on lawn}		
✓ 9. <u>Grackle</u> 7 ^{♂ ad.} , 10 ^{♂ ad.} , 21 ^{♂ ad.} , 29 ^{♂ ad.}		
✓ 10. <u>Yellow Warbler</u> 8 ^{♂ juv.} ^{in lilacs}		
✓ 11. <u>Flicker</u> 8 [♂] , 12 [♂] , 20 ^{♂ ad.} , 21 ^{♂ ad.} , 27 ^{♂ ad.}		
✓ 12. <u>Barn Swallow</u> 7 ^{♂ ad.} , 8 ^{♂ ad.}		
✓ 13. <u>Kingbird</u> 8 ^{♂ ad.}		
✓ 14. <u>Great Blue Heron</u> 10 ^{♂ ad.} ^{flying S.W. at very great height at 5.30 P.M.}		
✓ 15. <u>Red-eyed Vireo</u> , 11 ^{♂ ad.} ^{singing odd notes} , 12 ^{♂ ad.} , 21 ^{♂ ad.} , 27 ^{♂ ad.}		
✓ 16. <u>Hummingbird</u> 11 ^{♂ ad.} ^{with seen by Perry Harris}		
✓ 17. <u>Water Thrush</u> 20 ^{♂ ad.} , 27 ^{♂ ad.}		
✓ 18. <u>Baltimore Oriole</u> 20 ^{3 juv. and 1 ad.} ^{in flight} , 21 ^{♂ ad.} , 27 ^{♂ ad.}		
✓ 19. <u>Downy W.</u> 21 ^{♂ ad.} , 29 ^{♂ ad.}		
✓ 20. <u>Bay-breast Warbler</u> 27 ^{♂ ad.} ^(♂ in bushes) , 28 ^{♂ ad.} ^(♂ in bushes)		
✓ 21. <u>Canadian "</u> 27 ^{♂ ad.} ^{juv. in thickets}		
✓ 22. <u>Black & White "</u> 27 ^{♂ ad.} , 28 ^{♂ ad.}		
✓ 23. <u>Yellow-bellied Fly.</u> 27 ^{♂ ad.} ^{on lawn}		
✓ 24. <u>Starling</u> 27 ^{♂ ad.} ^{(100+) (3)} ^{flying W. at 4 P.M.}		
✓ 25. <u>Sparrowhawk</u> 27 ^{♂ ad.}		

CASH ACCOUNT. AUGUST.

Date.	Received.	Paid.
28 ^{Coll.} ^{hd.}		
22 ^{3 ad.}	275+	29'
20 ^{hd. ad.} ^{on lawn}	27 ¹⁰⁺ ^{do.}	27 ^{♂ ad.} ^{on lawn} ^{evidently not migrating.}
29 ^{♂ ad.} ^{on lawn}		

Birds in our Garden, Cambridge.

CASH ACCOUNT. NOVEMBER.

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.	Date.	Received.	Paid.
✓ 1	Chickadee 7' 8 ⁽²⁾ 9 ^{hd} 10' 11' 12 ⁽⁶⁾ 13 ^{hd} 14' - 18' 19 ^{hd} 20 ² 25 ^{hd} 26 ² 28 ^{hd} 29 ^{hd} 30 ⁽²⁾				
✓ 2	Gold finch 7 ^{hd} 8' 9' 10' 12' 20 ⁽³⁾ 26 ⁽²⁾		28 ^{hd} 29 ^{hd} 30'		
✓ 3	Juncos 7' 8 ⁽³⁾ 10 ⁽²⁾ 11 ⁽⁵⁾ 12 ⁽³⁾ 13 ² 20' 25'				
✓ 4	White-throat 7 ³ 8 ⁽⁵⁾ 9 ³ 10 ⁽⁵⁾ 11 ⁽³⁾ 12 ⁽³⁾ 13 ³ 14' 17' 18' 20 ⁽³⁾ 21 ⁽²⁾ 24' 25 ⁽²⁾ 26 ^{hd} 28 ⁽³⁾ 29 ⁽³⁾ 30 ²				
✓ 5	Goldfinch 7 ^{hd} 8 ⁽²⁾ 9 ^{hd} 13 ^{hd}				
✓ 6	House Sparrow 7 ⁶⁺ 8 ⁴ 9 ⁶⁺ 10 ^{hd} 11 ⁸⁺ 12 ¹⁰⁺ 13 ⁸⁺ 18 ¹⁵⁺ 20 ¹²⁺ 21 ⁸⁺ 25 ⁶ 26 ^{hd} 28 ^{hd} 29 ^{hd} 30 ^{hd}				
✓ 7	Brown Creeper 8' 11' 12' 20'				
✓ 8	White br. Nuthatch 8 ^{hd} 11 ^{hd} 12 ^{hd} 18 ^{hd} 20 ^{hd}				
✓ 9	Winter Wren 8' (seen heard)				
✓ 10	Baltimore Oriole 8 [♀] ^{just in the weather} 19 [♀] ^{just in} 29 [♂] ^{from} ^{of garden}		29 [♂] ^{bill into} ^{bird cones} ^{appar. extracting} ^{kernel seeds}		
✓ 11	Blue Jay 8' 9' 10 ^{hd} 11 ^{hd} 12 ^{hd} 13' 19 ⁽²⁾ 20'				
✓ 12	Crow 8 ^{hd} 28 ⁽²⁾ ⁱⁿ 29'				
✓ 13	Flicker 8' ⁱⁿ 9' 12' 18' 20' 25' 28 ²				
✓ 14	Herring Gull 9 ⁽³⁾ 12 ⁽³⁾ 20' 29'				
✓ 15	Yellow Rump W. 10'				
✓ 16	Downy 10' 11' 12' 20 ^{hd} 28 ^{hd} 29'				
✓ 17	Fox Sparrow 11 ⁽²⁾ 21 ⁽²⁾				
✓ 18	Sparrow hawk 20 ⁽²⁾ ^{♂♀} ^{flying low S.W. over} ^{in single file} ^{passing} ^{other}				
✓ 19	Hermit Thrush 28'				

Birds in our Garden, Cambridge

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid.
✓ 1	White-throat S. 1 hd 3 hd 5' 6' in 13' in 14'	
✓ 2	Blue Jay 1 ² 5' 6' 7' 9' 11 ⁽²⁾ 12' 14' 16' 19' 21' 22 ⁽²⁾ 24' hd 27' 30'	
3	House Sp. 3 ⁶⁺ 5 ⁶⁺ 6 ⁶⁺ 7 ⁴⁺ 8 ⁴ 9 ² 10 ² 11 ⁶⁺ 12 ⁴ 13 ⁵⁺ 14 ⁶⁺ 15 ⁶ 16 ^{sw.} 17 ^{sw.} 18 ^{sw} 19 ⁶ 20 ⁶ 21 ⁽⁵⁾ 22 ¹⁰⁺ 23 ¹² 24 ¹²	
✓ 4	Chickadee 4 ⁽²⁾ 5' 6' ^{at} 8' do 9' do 10' do 11' do 12' do 13 ⁽²⁾ do 14' do 15 ⁽²⁾ do 16 ⁽²⁾ do 17' do 18' do 19' 20 ⁽²⁾ 21' 22' 23'	
✓ 5	Flicker 5' 6' 7' 10 ⁽²⁾ 14' hd 29' hd	
✓ 6	Downy 5' 9 ⁰ 11 ⁰ 15' hd 20' hd 21' 23' hd 28' hd 30 ^{at} ^{at}	
✓ 7	Crow 5 ⁽⁴⁾ on ground 11 ² in jungle 29 ² 30 ⁽²⁾	
✓ 8	Golden-crest K. 6' hd 7' 9' hd 10' hd 11' hd 13' 14' hd 15' hd 24'	
✓ 9	Red-bellied Nuthatch 8 ^{at} 9 ^{at} do 11 ⁰ do 12 ⁰ do 15 ⁰ do 16' hd 19' hd 20 ^{at} ^{at} 21' do 30 ⁰ lindens	
✓ 10	Herring Gull 8 ¹⁰⁺ 13 ⁽¹¹⁾	
✓ 11	Hairy Woodpecker 11' ^{seen by} 14 ⁰ in ⁱⁿ 20' ⁱⁿ catalapa	21'
✓ 12	Fox Sparrow 19' on ground in jungle with ⁱⁿ Peabody Bird 21' do	23' do 24' do 27' do 29' ⁱⁿ lindens 30' do.
✓ 13	White bellied Nuthatch 2, 3 ⁰ at ⁱⁿ catalapa	

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid.
27 ¹ in (full ⁱⁿ ^{at} ⁱⁿ) 28 ¹ in	30 ⁵ in	31 ² in
18 ⁽²⁾ in 19 ¹ in 20 ^{hd} 21 ⁱⁿ 22 ^{hd} 23 ¹ in 24 ² 25 ¹ in		27 ⁴ 28 ⁴ 29 ⁴ 30 ²⁵ 31
24' 26 ¹ ^{at} 27' do 29' hd		

Birds at Wolfeboro, N. H. June 17-19

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.	Bluebird 17 ¹⁰ 18 ¹⁰	
	Robin 17 ¹⁰ 18 ¹⁰	
	Wren 17 ¹⁰ 18 ¹⁰	
FEB.	Catbird 17 ¹⁰ 18 ¹⁰	
	Yellow Warb 17 ¹⁰ 18 ¹⁰	
MAR.	Chickadee 17 ¹⁰ 18 ¹⁰	
	Redstart 17 ¹⁰ 18 ¹⁰ (one in village, one by lake)	
APRIL	Maryland Yellow Thr. 17 ¹⁰ 18 ¹⁰	
	Red-eye Vireo 17 ¹⁰ 18 ¹⁰	
MAY	Yellow Thr. " 17 ¹⁰ 18 ¹⁰	
	Solitary " 17 ¹⁰ 18 ¹⁰ (one by lake)	
JUNE	Warbling " 17 ¹⁰ 18 ¹⁰	
	Purple Martin 17 ¹⁰ 18 ¹⁰ (large colony, Martin pl. One pair houses in village)	
JULY	Even Swallow 17 ¹⁰ 18 ¹⁰ (one on Academy)	
	Barn " 17 ¹⁰ 18 ¹⁰	
AUG.	Tan " 17 ¹⁰ 18 ¹⁰ (feeding young in hole)	
	Cedar bird 17 ¹⁰ 18 ¹⁰	
SEPT.	Goldfinch 17 ¹⁰ 18 ¹⁰	
	Purple Finch 17 ¹⁰ 18 ¹⁰	
OCT.	Savanna Spc 17 ¹⁰ 18 ¹⁰	
	Song Sparrow 17 ¹⁰ 18 ¹⁰	
NOV.	Chipping " 17 ¹⁰ 18 ¹⁰	
	Robin. thr. " 17 ¹⁰ 18 ¹⁰	
DEC.	Crow 17 ¹⁰	
	Bronzed Grackle 17 ¹⁰ 18 ¹⁰	
	Bob. Oriole 17 ¹⁰ 18 ¹⁰	

Birds at Wolfeboro, N. H.

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dollars.	Cts.
17 ¹⁰ 18 ¹⁰	Bobolink		
17 ¹⁰ 18 ¹⁰	Chipping Swift		
17 ¹⁰ 18 ¹⁰	Kingbird		
18 ¹⁰	Phoebe		
17 ¹⁰ 18 ¹⁰	Wood Pewee		
17 ¹⁰ 18 ¹⁰	Locust "		
18 ¹⁰	Nighthawk		

in two houses on same both also infected by H. sparrows
" " " " " " " "

RECEIVABLE.

Glendale, Berkshire Co., Mass

JULY

Date	NAME.	Dollars.	Cts.
1.	Bluebird 9' 10' 22' (at) 24' (at) 30' 31'		
2.	Robin { 14 24 31 2+ 4 8+ 5, 6, 7, 8, 9, 10, 11, 12, 13 } 24 25 26 27 1 2 3 5 6 10 11 12 13		
3.	Wood Thrush { 14 15 16 17 18 19 20 21 22 } 24 25		
4.	Hermit " { 3 12 13 15 17 18 } 20 21 27 30		
5.	Wilson's " 3 13 15 27		
6.	Cat bird { 12 13 14 15 17 20 22 23 24 } 11 2 3 4 5 6 7 8 10 11		
7.	House Wren 3' 13' 14' 15' 21' 25'		
8.	Chickadee 3' 6' 11' 13' 14' 23'		
9.	Black & White Creeper 3' 15' 29'		
10.	Worm Eater 1' 5' 6' 7' 9' 10' 13' 14'		
11.	Pine " 2' 3' 10'		
12.	Magnolia " 3' 11' 13' 15' 20' 29' at		
13.	Yellow-rump " 10' 19' 22'		
14.	Black-thr. Blue " 3' 11' 13' 14'		
15.	" " Green " 1' 15' 17'		
RECEIVABLE.			
16.	Black-burnian " 3' 11' 13' 15'		
17.	Canadian " 3'		
18.	Redstart 4' 5' (Stockbridge) 12' 13' 14'		
19.	Oven bird { 20 21 22 23 24 25 26 27 28 29 30 31 } 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		
20.	Maryland Yellow-thr. 3' 6' 7' 15' 21'		
21.	Cedar bird 7' 10' 12' 15' 21' 31'		
22.	Red-eye Vireo { 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 } 29 30 31		
23.	Yellow thr. " 1' 3' 4' 6' 9' 11' 12' 13' 21' 26'		
24.	Solitary " { 3 4 5 7 11 12 13 14 15 18 } 19 21 23 27 29 30 8 9 10 4		
25.	Barn Swallow { 12 13 14 21 22 25 28 29 } 12 2 3 4 5 6 8 9 10 4		
26.	Lark " 11' 13' 22' 27' 30'		
27.	Bank " 10' 16'		
28.	Purple Finch (2 3 5 10 11 12)		
29.	Gold " 3' 4' 9' 11' 12' 13' 21' 27' 29'		
30.	Veery Sparrow 5-2		
31.	White thr. " 3' 10' 11' 12' 13' 16' 18' 19'		
32.	Song " { 1 2 3 5 10 11 12 13 16 18 19 } 20 21 25 26 27 28		

Glendale, Berkshire Co., Mass.

JULY.

Date	NAME.	Dollars.	Cts.
33.	Chipping { 12 22 32 35 22 8, 9, 10, 11 } 19 20 21 22 23 24 25 26 27		
34.	Field Sp. { 22 23 24 25 26 27 28 29 30 31 } 1 2 3 6 7 8 9 10 11 12 13 19		
35.	Indigo Bird { 2 3 4 6 7 9 10 12 13 14 15 16 17 } 19 20 21 22 30 31		
36.	Oroon { 3 4 6 7 9 10 11 12 } 13 14 15 16 19 22 23		
37.	Crow Blackbird 6 (15) flying		
38.	Crow { 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 } 15 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		
39.	Jay 3' 5' 23' 30'		
40.	Kingbird 1' 18' 29' 31'		
41.	Crested Fly { 2 5 7 9 10 11 12 13 20 21 } 22 23 27 30 31 6 7 8 9		
42.	Phoebe { 1 2 3 4 5 6 7 8 9 10 11 12 13 14 } 10 11 12 13 14 15 16 17 18 19 20 21 22		
43.	Wood Pewee { 15 16 17 18 19 20 21 22 23 24 } 26 27 28 29 30 31		
44.	Loast " 8 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		
45.	Swift { RECEIVABLE 17 19 21 24 27 29 25 } 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		
46.	Hummer { 13 14 15 16 17 18 19 20 21 } 13 14 15 16 17 18 19 20 21		
47.	Whippoorwill 5' 11' 13' called once 14' at day 18' 19'		
48.	Flicker 3' 5' 7' 11' 15' 17' 18' 25'		
49.	Downy W. 6 11 14 18 19 27		
50.	Kingfisher 3' 10' 22'		
51.	Spotted Sandpiper 3' in pond		
52.	Red should Hawk 5' 9' do		
53.	Barn Owl 11' 13' at 9' 13' at 9'		
54.	Broad-wing H. 18' 31' (29' 31')		
55.	Scarlet Tanager 18' 21' 25' 27'		
56.	Partridge 18 25		
57.	Red Crossbill 19		
58.	Pine-b. Grosbeak 26 chick		
59.	Black-bill Cuckoo 2' 3' 26'		
60.	White-cr. Nuthatch 13 25 27 31		
61.	Junco 29' 31' at pasture		
62.	Hairy Woodpecker 31' calling all near house		

Botuit, Mass. August.

BILLS PAYABLE. AUGUST.

Date	NAME.	Dollars.	Cts.
1	Cat-bird 15'		
2	Chickadee 14 ^{hd} 15 ^{hd} 16 ^{hd}		
3	Pine Warbler 14 ² 15 ⁴ 16 ³		
4	Red-eyed Vireo 14 ¹ 15 ¹		
5	Song Sparrow 14 ¹ 15 ¹		
6	Cedar bird 13 ²		
7	Crow 13 ⁵ 14 ⁸ 15 ¹⁰ 16 ⁶		
8	Red-wing 14 ^{od}		
9	Blue Jay 14 ² 15 ² 16 ^{hd}		
10	Kingbird 14'		
11	Wood Pewee 13 ² 14 ³ 15 ⁴ 16 ²		
12	Hairy Woodpecker 16 ^{hd}		
	RECEIVABLE.		
13	Kingfisher 13' 14 ⁴ 15 ⁴ 16		
14	Ruffed Grouse 15'		
15	Red-shouldered Hawk 15 ^{line} 16'		
16	Great Blue Heron 14' 15 ⁴		
17	Green " 14' 15'		
18	"Kicker" 14 ^{hd} ^{hd over} 11 P. M.		
19	Wilson's Tern 14 ³⁰⁺ 15 ⁸⁺		
20	Ring-neck Plover 15 ²		
21	Night Heron 16 ^{hd at} ^{night}		
22	Barn Swallow 16 ²		
23	Tern " 16'		
24	Chaffy 16'		
25	Hummingbird 16'		

26. Spotted Sandpiper 15^{hd}

South Yarmouth, Mass. August

BILLS PAYABLE. SEPTEMBER.

Date	NAME.	Dollars.	Cts.
1	Robin 17 ⁴ 18 ⁶ 19 ⁴		
2	Bluebird 19 ^{hd}		
3	Chickadee 17 ¹²⁺ 18 ¹⁵⁺ 19 ^{hd}		
4	Pine Warbler 17 ⁸⁺ 18 ¹⁵⁺		
5	Cedar bird 17 ²		
6	Barn Swallow 17 ² 18 ⁴ 19 ^b		
7	Song Sparrow 17 ¹ 18 ¹ 19 ¹		
8	Chaffy 17 ²⁰⁺ 18 ¹²⁺		
9	Towhee 17 ^{hd. at} ^{Swan P.}		
10	Crow 17 ⁵ 18 ¹⁰		
11	Blue Jay 18 ² 19 ²		
12	Meadow Lark 17 ¹ 18 ² 19 ¹		
	RECEIVABLE.		
13	Kingbird 17'		
14	Thicket 17 ² 18 ²		
15	Hummingbird 17 ^{od} 18 ^{od} 19 ^{hd} N.T.		
16	Kingfisher 17' 18' 19'		
17	Night Heron 18 ^{hd at} ^{sw.}		
18	Green " 18' 19' on 3rd of knob about ^{lying at base of}		
19	Lesser Yellow legs 18 ^{hd}		
20	Wilson's Tern 17 ^{hd at} 19 ⁴		
21	Lesser " 17' "		
22	Wood Pewee 17 ⁶ 18 ¹²⁺		
23	Laughing Gull 19 ³ (Bar River)		
24	Black & White Caper 20 ¹		

Bethel, Maine, Sept 4-7

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dollars.	Cts.
1	Catbird 5' 6'		
2	Chickadee 5 th		
3	Red br. Nuthatch 5 ^{hd} 6'		
4	Nashville Warbler 5 ⁸ 6 ² 7'		
5	Tennessee " 5 ¹² 6 ²		
6	Orange-crown " 5 ¹ well seen by H.W.H. & W. B.		
7	Wren " 5 ⁶		
8	Black & White " 5 ⁴ 6 ² 7 ²		
9	Cape May " 5 ¹⁹ 6 ⁶ 2 ² in flower & on Commission		
10	Bay-breast " 5 ²⁵ + fully idem (1 ad ♂, 1 juv ♀)		
11	Magnolia " 5 ⁶ 6 ²		
12	Yellow-rump " 5 ⁴ 6 ¹⁵		
13	RECEIVABLE. Chestnut Sided " 5 ¹³ juv		
14	Black thr. Green " 5 ⁶ 6 ¹⁵		
15	Blackburnian " 5 ¹⁹ 6 ⁷		
16	Mourning " 5 ¹⁹ ad.		
17	Down bird 5 ² 6 ⁶ at daybreak?		
18	Water Thrush 5 ¹		
19	Canadian W. 5 ¹⁹		
20	Wilson's Black-cop 5 ²⁰ with full black cap.		
21	Redstart 5 ² ad ♂ 6 ⁷ 7 ⁷		
22	Black-poll Warbler 5 ¹ ad full juv		
23	Maryland Yr. Thrush 5 ¹		
24	Red-eyed Vireo 5 ² 6 ³ 7 ²		

Bethel, Maine, Sept. 4-7

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dollars.	Cts.
25	Goldfinch 5' 6' 7 ^{hd}		
26	Purple Finch 5 ^{hd} 6 ^{hd} 7 ^{hd}		
27	Chippy 5 ¹⁰² C. on 200 on 50 ^t lower Commission		
28	Junco 5 ² 6 ⁶		
29	White-thr. Sparrow 5 ⁴ 6 ²⁰		
30	Swainson's Thrush 5 ¹ heard at sunrise 6 ^{hd} at dusk		
31	Brown Thrasher 6 ¹ in shrubbery near house		
32	Kingbird 4 ¹		
33	Phoebe 6 ¹ in field		
34	Crested Flycatcher 6 ^{hd} near house		
35	Loast " 5 ¹ swampy woods		
36	Crow 5 ¹ seen 6 ¹ at		
37	RECEIVABLE. Blue Jay 6 ^{hd}		
38	Flicker 6 ^{hd}		
39	Hummingbird 4 ¹ 5 ¹ 6 ¹ 7 ¹ 8 ¹ 9 ¹ 10 ¹ 11 ¹ 12 ¹ 13 ¹ 14 ¹ 15 ¹ 16 ¹ 17 ¹ 18 ¹ 19 ¹ 20 ¹ 21 ¹ 22 ¹ 23 ¹ 24 ¹ 25 ¹ 26 ¹ 27 ¹ 28 ¹ 29 ¹ 30 ¹ 31 ¹ 32 ¹ 33 ¹ 34 ¹ 35 ¹ 36 ¹ 37 ¹ 38 ¹ 39 ¹ 40 ¹ 41 ¹ 42 ¹ 43 ¹ 44 ¹ 45 ¹ 46 ¹ 47 ¹ 48 ¹ 49 ¹ 50 ¹		
40	Partridge 5 ¹ 6 ¹ 7 ¹ 8 ¹ 9 ¹ 10 ¹ 11 ¹ 12 ¹ 13 ¹ 14 ¹ 15 ¹ 16 ¹ 17 ¹ 18 ¹ 19 ¹ 20 ¹ 21 ¹ 22 ¹ 23 ¹ 24 ¹ 25 ¹ 26 ¹ 27 ¹ 28 ¹ 29 ¹ 30 ¹ 31 ¹ 32 ¹ 33 ¹ 34 ¹ 35 ¹ 36 ¹ 37 ¹ 38 ¹ 39 ¹ 40 ¹ 41 ¹ 42 ¹ 43 ¹ 44 ¹ 45 ¹ 46 ¹ 47 ¹ 48 ¹ 49 ¹ 50 ¹		
41	Bittern 5 ¹ flushed near meadow		
42	Rose br. Grosbeak 6 ^{hd} near house		
43	Cedar bird 6 ^{hd}		
44	Nighthawk 6 ² near pond, 4 P.M.		
45	Robin 6 ⁹		

MEMORANDA.

Date.

Dollars. Cts.

ADDRESSES.

NAME. Mrs. Lora Simbolotti ✓
 STREET, No. 84 St. Bololph
 CITY. Boston (Type - Copyist)
 TELEPHONE No. Recommended by Miss Piper)

NAME. Harry G. Saunders Electrical
 STREET, No. Walden St. expert. Will
 CITY. Concord install pump
 TELEPHONE No. 252-m. & descent

NAME. R. A. Gilbert ✓
 STREET, No. 66 Inman St.
 CITY. Cambridge.
 TELEPHONE No.

NAME. Dr. G. Bourne Farnsworth, ✓
 STREET, No. 2540 Arlington Road,
 CITY. Station E. Cleveland, Ohio.
 TELEPHONE No.

NAME. H. P. Renshaw ✓
 STREET, No.
 CITY. Noroton, Conn
 TELEPHONE No.

NAME. H. D. Van der Wijk ✓
 STREET, No. H
 CITY. Waltham { Agent for
 TELEPHONE No. " 142-162 } parts in Standard
 Gasoline Tanks

ADDRESSES.

NAME. W. J. Day [✓]
 STREET, No. 48 Portland St.
 CITY. Boston
 TELEPHONE No. 2183 Haymarket

Best floors like
 oak floors like
 Cobb-Fuller!

NAME. Matthew Louie [✓]
 STREET, No. 41 Marlborough
 CITY. Boston
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

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NAME.
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 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

ADDRESSES.

NAME. Arthur F. Estabrook, [✓]
 STREET, No. American Colonial Bank,
 CITY. San Juan, Porto Rico.
 TELEPHONE No.

NAME. George D. Jefferson [✓]
 STREET, No. ^{Marble Arch Hotel} 10 Beaumont St. Oxford St
 CITY. Oxford, England. London, W.
 TELEPHONE No.

NAME. R. H. Dana [✓]
 STREET, No. 10 Post Office Sq.
 CITY. Boston
 TELEPHONE No. 3215 Main

NAME.
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TELEPHONE No.

April 1. George H. Baller began work.

Bats in shed loft, Concord.

April 27 one in outer shed. - the first

" " to May 5 - One daily

May 6 - Two (in outer shed.)

" 7 Four " " "

" 8 Eight (4 in outer 4 inner loft)

" 9 Eleven 10 inner 1 in outer, loft

" 10 " " " " " "

" 11 Twelve 11 " 1 " " "

" 13 Fifteen all " " loft

" 14 " 9 " 6 " " "

" 15 " 5 " 10 " " "

" 16 Sixteen 6 " 10 " " "

" 17 " " all " " "

" 18 " " " " " "

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