

~1903~

Cambridge, Mass.

1902-3

Dec. - Feb.

Since my last entry, the three winter months have come and gone. I have been in Cambridge all the time and we have been pushing the work on The Birds of the Cambridge Region incessantly. Will is making a long introduction which will add much to the List. I have been looking up early & late dates of arrival & departure, type-writing all manuscript sheets &c &c

I attend the meetings of the various Clubs and enjoy them all. The "We Dine" met "We Dine" here on February 25. Eleven members from the club and ten were present, C. F. Batchelder, W. Brewster, A. P. Chadburne, W. Deane, J. H. Goodale, W. A. Jeffries, H. M. Spelman, R. Thaxter & C. W. Townsend & R. T. Jackson. E. K. Rand was absent. We had a Washington's Birthday dinner, center piece of the head, eye or shoulder, backed at a cherry tree laden with cherries & covered with leaves. Flags on stands stood around the center. At each plate were a bunch of cherries tied with red, white & blue ribbon, a red candy latched and a photograph of either George or Martha Washington. The cake had cherries on a halibut on it and flags floated from the moulds of ice cream that were brought in. The bonbon dishes were in the pattern of the American flag. I read verses to the members,

A Trip to Longwood, Mass.

1908
Mar. 1

Clear, sunny with broken clouds, windy, max. temperature 47°.

I called on Arthur P. Chadbourn this morning at 225 Marlborough St., Boston and went with him to his old home in Longwood to see some bird skins. The estate of two acres is in the corner of Pleasant & Freeman Streets. The country is still quite open in that section. Behind the old barn stands a Sassafras tree that has been growing there naturally there for many years. Arthur Chadbourn remembers it well, when he was a boy. It is on a slope and stands by itself. I took its dimensions with a measuring tape as follows:-

An old Sassafras tree

Circumference above the swell, 2 ft. above ground	} 7 ft. 9 in.
on upper side, 3 ft. on lower side	
Longest diam. at same height	2 " 9 "
Shortest " " " "	2 " —
Height (estimated)	30 " —

5 to 6 feet above ground the trunk splits into 4 limbs, two of which rise quite perpendicularly, while the other two veer off at an angle of about 45°. One of the upright limbs has been sawed off 5 or 6 feet from the fork, to preserve what is left. Altogether it is an old relic.

On the same place is a fine symmetrical ex-ample of a Norway Spruce with even taper. At 4 feet from the ground, it measures 6 feet 9 inches in circumference. Norway Spruce.

I dined at Chadbourn's and returned home in the P.M. - I weigh today, 165.4 lbs -

Cambridge, Mass.

1903

Mar. 12

Clear mild maximum temperature 59°

Spring seems really to be upon us. Well it last? Snowdrops, Squills & Crocuses have been up in the Brewster garden for a few days past.

Fresh Pond is entirely open. This morning I took a walk toward Fresh Pond and heard Bluebirds, a Song Sparrow & Meadow-larks. The Song Sparrow was sitting on a branch of a spruce singing at the top of his little camp. At 6.40 this morning I heard a Bluebird in the garden opposite - Chickadees are singing their Pheobe note continually now -

My first Bluebirds Song Sparrow Meadow-lark

My very first Bluebird

This evening we went in to the Boston Soc. Nat. Hist. and heard Mr. Henry Alloys on Bird Music in connection with the human scale - Tuesday evening (the 10th) we heard him on Bird Notes. He has a most delicate whistle by means of which he interprets the songs, and the occasional notes have been fascinating to me. I met Mr. Alloys in Washington last November. I had an interesting talk with him after the lecture, and to-morrow I am going to show him about Cambridge -

Cambridge, Mass.

1903
Mar. 13

Clear, calm, warm, a day ideal in every respect, like a warm day in the middle of April - Max. temp. 65°, min. last night 35°.

I took
Mr. Cloyd
over Cambridge

This morning I met Mr. Cloyd at 9.30 by the Harvard Union and showed him first over the Harvard College grounds visiting the Library, Gymnasium, Fogg Art Museum, Architectural Bldg., Memorial Hall, and then over to the Mus. Comp. Zool., where we met Dr. Thaxter near the entrance and had a talk - then we went to Mr. Sam Hendee's room and he kept with us for an hour. He has a collection of live Bermuda Toads (*Bufo aqua*) lately arrived. This *Bufo aqua* species has been introduced into the Bermudas from the islands farther south. It is very large, specimens being 9 in. long, not including the legs. There specimens, six, I believe, in number are under size, but some are as large as larger than our Bullfrogs. They are brown, without the warty character of our toad which they resemble in habits.

After going over the Museum and examining especially the Scott collection of rufid birds and the Glass Models we took a carriage and visited points of interest, including Fresh Pond from Henlock Wore, returning to Harvard Union by 12.30 where we lunched with Mr. Brewster. Then Mr. Cloyd & I went to Concord and I returned to the Museum.

I saw my first *Vanessa antiopea* this morning on Brattle St. - 1st *antiopea*
Also my first *Trachodes* on Brattle St 1st *Trachodes*

Trip to Wayside Inn, Sudbury, Mass.

1903

Mar. 14

Clear, calm, warm, mercury (max.) 70°.

May, Graze, M. & I took the train at North Cambridge Junction at about 12 M, reaching Wayside Inn Station at 12.40. It was positively warm, vegetation is still in absence except in favored spots by brooks and meadows, where the grass is green and *Syntherisma* is well in flower. We walked along the dry, sandy, country road to the Inn, one mile and a quarter enjoying every bit of it. Bluebirds were singing, and one pair were inspecting the hole in an old stump by the road. Juncos were abundant flitting along by the fence rows and singing the jingling melody in a chorus. Fox Sparrows were scratching in their characteristic energetic way among the dead leaves for food and Robins were fairly abundant.

We dined at the Inn and enjoyed wandering through the various rooms. On former visits I have had the rooms and objects fully described. After dinner we actually lay out on the grass & rows so very warm. Shortly after three, Graze & I walked to the train, the ladies driving.

As we were on a woody road I heard a sort of hooting, somewhat resembling the cry of a Screech Owl, and immediately a flock of ? some twenty in number fly with lightning speed over our heads in a perfect V keeping in flight but a few seconds. I could make out no markings. They seemed smaller than Grees and uttered this too-too-too-too, too-too-too-too, continuously, a slight pause following each set. They were about twice the height of the trees. We reached home shortly after 5 P.M.

A Trip to the Wayside Inn, Sudbury, Mass.

1903
Mar. 14

I observed the following birds in Sudbury between the Station and the Inn:—

- Cornus americanus. About a dozen
- Junco hyemalis. In full song - Abundant by the roadside and in the trees near by, feeding busily, and flying ahead of us as we advanced -
- Passerella iliaca. I saw about eight in all. A flock of three were scratching together in one place - One sang a little.
- Melospiza melodia. Saw & heard a few -
- Parus atricapillus. Heard a few.
- Merula migratoria. Quite abundant, in the fields -
- Tialia socialis. Five or six. A pair were inspecting a hole in an old stump by the road -

I saw ^{in Sudbury} a Balloon Spider sailing overhead attached to his long streamer and a Vanessa antiopea was flying about at the North Cambridge Junction Station.

Waverley, Mass.

1903
Mar. 15

Cool, clear and cloudy, light east wind.
maximum temperature 54°.

This morning (Sunday) I went to Waverley in the electric with Edith Congdon and we spent the morning in the Reservation. Beaver Brook runs full, its water clear as crystal. The wet ground bordering it in the Lower Reservation is covered with the flowers of Symphlocarpus foetidus, a harbinger of spring. The grass in wet places is green, but all else is still locked up, in buds, awaiting longer and warmer days before risking exposure. In the swamp just outside the Lower Reservation, Grackles were flying about, singing, and I saw a single male Redwing. He visited the Waterfall in the Upper Reserve. It was very full and the water was foaming over the rock. A good flock of Ducks were swimming about in the Pond. We returned home two miles.

This afternoon I showed the Museum to Mr. Sam Henshaw and the two Cary boys -

Birds observed this morning at Beaver Brook Reserve.

- Colaptes auratus luteus - one shouting.
- Corvus americanus - several.
- Cipellinus phoeniceus - one ♂ - my first.
- Quiscalus g. caryensis - a flock of about 15 in swamp.
- Melospiza melodia - full song. About six.
- Parus atricapillus - one singing, phoebe note.
- Sialia sialis - one singing -

Merula migratoria - three near the house this P.M.

Belmont, Mass

1903

Mar. 20

This morning Will Brewster & I went up to School St., Belmont on the electric, reaching there about 8.30. Mr. Hoffmann had told Will of a Carolina Wren established on a farm on School St. We walked down the street to the farm at the foot of the slope on the left. There was the Wren singing lustily in a willow near the barn. I had a most excellent view of him and listened to his cheery song for some time. His whole energies were thrown into every strain. His head was thrown up, mandibles opened to their widest extent and the song poured out as if his very soul was in each note.

Bedford, Mass.

1903

Mar. 29

Clear, cool day. Mercury reached 28° last night but has not hurt the advanced growth of the past two weeks.

I took the electric this morning to Bedford reaching C. W. Jenkins' at 10.20. I passed a most delightful day with him. He took a walk from 10.30 to 1.30 with his friend.

Through the meadows, and over a hill opposite the house, through the Glad Hill Nurseries, back to the house.

There was a light fall of sand last night with rain and a little sun was still on the ground in sheltered spots. Vegetation is very forward in Bedford as elsewhere. In its garden, *Glossocot*, *Hepatica* (*Triloba* & *acutiloba*) *Dicentra*, *Claytonia*, *Daphne Mezereum* were in flower. Meadow larks & Song Sparrows were singing freely, the larks were running full and nature was most attractive.

After lunch we strolled about again over the place inspecting the farm buildings and visiting the vegetable garden where work must soon begin.

We dined at 4.30 with Jenkins' two sisters & a friend

I returned home at 6.30.

Birds observed:-

- Buteo lineatus* 1* soaring
- Bonasa umbellus* 1 flushed
- Dryobates p. medianus* 2^{♂♂} 1
- Sayornis phoebe* 1*
- Sturnella magna* 6* one sang two vocal notes followed by a trill. I watched him sing into my glass.
- Vireocalus g. cuneus* (2)
- Agelaius phoeniceus* 100 in wood among pines -

- Corvus americanus* hd.
 - Melospiza melodia* abundant*
 - Junco hiemalis* 3*
 - Passer domesticus* frequent
 - Parus atricapillus* 1
 - Merula migratoria* abundant seen constantly. One flock of at least 20.
 - Sialia sialis* numerous*
- saw 4♂ 8 on 10 14 & sp.

Concord, Mass.

1903
April 5

Minimum temp. on preceding night 26°. Maximum temp. during day 39°. Blustering wind through the day. Sunny. Very cold, a great change from the warmth of the past few weeks when vegetation has taken wonderful strides.

This morning R. T. Jackson & I took the 9:11 train at Porter's Sta. for Concord. The banks were running full and the blades of grass projecting the water were beaded with glistening drops of ice. Hansen met us at the station and drove us to the Barrett Farm where we met Will Brewster and Sam Henshaw who had gone up the day before (Saturday). We passed a very delightful day together, wandering over the whole estate here & there. Birds were very scarce, the cold wind driving them to shelter. We observed Partridge¹, Phoebe², Fox Sparrow⁽⁵⁺⁶⁾ in scrub at foot of Ball's Hill by river, Song Sparrow^{1/2}, Bluebird^{1/2}.

The river is high, and the scene from the top of Ball's Hill resembled a lake, the meadows all being under water. It was a beautiful sight. We dined at the Barrett House in front of a big open fire. Jackson & Henshaw were much pleased with everything. They had never seen the place before.

Oct 5 P.M. Jackson & I crossed the Concord to W. Bedford in W.B.'s boat, Will holding the oars, and returned home by electric. I reached the house by 7 o'clock.

The holes of the Ground Bees were very abundant in sandy places & open fields.

Concord, Mass

1903
May 3

Cloudy, chilly, windy. a few short glimpses of the sun during the day. Min. temp last night 37°. Max. during the day 53°.

William Brewster, Samuel Henshaw, George V. Severe, Roland Hayward & I took the 9.11 Am. tra in fr Concord, from there the electric to West Bedford and across the river to Ball's Hill. Here we spent the day, dining in the Cabin and strolling through the woods and fields morning & afternoon. We returned the same way in the late P.M. leaving Mill behind. Gilbert cooked us a most excellent dinner -

It was most delightful in the woods, where all was so peaceful and quiet, and the leaves and pine needles were soft under foot. We saw or heard most of the birds behind Ball's Hill in the morning. About noon as we were standing in a small clearing among some white pines, a fine Osprey sailed over our heads quite low down. It is late to see a Fish Hawk. We saw all the Swallows except the Bank (Riparia riparia) and the Swifts were abundant in the late afternoon over a bit of water at the edge of Ball's Hill. A pair of Cooper's Hawks are nesting in the woods towards the Barrett House but though we visited the spot and saw the nest, we did not see the birds - I heard for the first time this season the Pine Warbler, Purple Finch and numbers of others.

Concord, Mass.

1903
May 3
(2)

- Birds observed at Concord on May 3 :-
- Botaurus lentiginosus*, 1 purpurin in meadow by river, Rm
 - Zonotrichia querula*, flushed 2.
 - Pandion h. carolinensis*, 1^r near Ball's Hill, 12 M.
 - Dryobates villosus*, 1 tapping on tree & calling. Seen
 - " *p. medianus* 1 ♂
 - Colaptes a. luteus*, several *
 - Chaetura pelagica*, 25 over pond by Ball's Hill Rm. Later in the town I saw numbers flying about.
 - Sayornis phoebe*, 2 occupying nest in shed near cabin.
 - Cyanocitta cristata*, several *
 - Corvus americanus*, "
 - Agelaius phoeniceus*, numerous along the river.
 - Quiscalus g. aeneus*, 1 near W Bedford Station.
 - Carpodacus purpureus*, 1* in Am.
 - Spizella socialis*, 2
 - " *pusilla*, 1*
 - Melospiza melodia*, 2*
 - " *georgiana*, 1*
 - Passer domesticus*, few W Bedford
 - Progne subis*, a few r
 - Petrochelidon lunifrons*, 1^r
 - Hirundo erythrogastra*, several
 - Tachycineta bicolor*, 6
 - Mniotilta varia*, *
 - Dendroica coronata*, 2
 - " *virens*, 1*
 - " *vigorsii*, 1* sang long
 - " *p. hypochrysea*, 1
 - Parus atricapillus*, few
 - Merula migratoria*, numerous
 - Sialia sialis*, 6.

After we left Concord
we saw a Black Duck. and
heard an even finer
the flight song

30 species

1903
May 5

A walk by Rock Meadow,
Waltham, Mass.

Clouds & rain, cool, max. temp. 61.

George & I went to Waverley this morning and walked to the Lower Pond in the Reservation and through the fields and old deserted orchards along the edge of Rock Meadow for a good distance coming at finally to the Maple Road, a mile or more from the Waverley electric. We got home to lunch. We walked at least four miles. The land lies in a hollow and but little is under cultivation. I saw some very fine White oaks. *Saxifraga virginiana* was in flower. *S. pentstemonica* in bud. *Anemone pulsatilla*, *Ranunculus abortivus*, *Anemone hepatica* were in flower.

We observed the following birds: —

Anas obscura, 1 flushed in a swamp back of the Lower Pond. It flew straight away after describing a short curve. We searched the spot carefully, but found nothing.

- Buteo lineatus* 1*
- Colaptes auratus* several*
- Chaetura pelagica* several
- Cyanocitta cristata* saw one, had a few
- Corvus americanus* several
- Agelaius phoeniceus* 12
- Sturnella magna* 1*
- Zonotrichia q. aeneus* few
- Spizella socialis* "
- " *pusilla* 1*
- Melospiza melodia* 2*
- Peepo erythrophthalma* 1 calling
- Hirundo erythrogastra* several*
- Trinotitta varia* 2*
- Dendroica virens* 1* Waverley
- " *vignieri* "
- Parus atricapillus* few
- Merula migratoria* common
- Sialia sialis* a few, one pair were on an old apple tree, the ♂ sitting in a hole, the ♀ close by —

20 species —

Turkey Hill, Arlington, Mass.

1903
May 7

Fernald, M. L. & I went to Turkey Hill this afternoon and visited some interesting *Vacciniums*. - In a large pasture there were two forms covering the ground, fine bushes, the ground kept clear between them. One form *V. corymbosum* has now the flowers just appearing long, creamy white, the leaves well out and smooth - The other form *var. atrococcum* has the flowers well out, short, unclipped, and the leaves not yet out. I took a picture of a bush of each with my new camera, but I doubt if I got much. It was quite cloudy. I used the smallest stop and give it 6 seconds. As a thunder storm seemed approaching I left Fernald to collect some violets and came back. It did not rain -

Beaver Brook Res. Waverly, Mass.

1903
May 10

Clear, warm, max. temp. 75° Sunday.

George & I went to Beaver Brook Reservation this morning, and spent a couple of hours in the Lower Reservoir studying the birds. I took my camera and exposed four plates (Seeds 26 X, 4x5). It was my first attempt. We observed the following birds:—

<i>Colaptes a. luteus</i>	hd. & several times
<i>Cyanocitta cristata</i>	" " "
<i>Tyrannus tyrannus</i>	saw one
<i>Sayornis phoebe</i>	hd. "
<i>Cornus americana</i>	a few
<i>Cyclus phoeniceus</i>	several
<i>Zenaidura macroura</i>	one
<i>Carpodacus purpureus</i>	im. ♂ (X)
<i>Spizella socialis</i>	several
<i>Melospiza melodia</i>	a few
<i>Hirundo erythrogastra</i>	" "
<i>Tachycineta bicolor</i>	" "
<i>Vireo flavifrons</i>	one *
" <i>olivaceus</i>	" "
<i>Mniotilta varia</i>	" "
<i>Dendroica aestiva</i>	several
<i>Falco sparverius</i>	one *
<i>Merula migratoria</i>	several
<i>Sialia sialis</i>	a few.

All these in the Reservation

A Chipping (Pipilo) was in full song this morning as I passed Nell's Garden -

Record of Temperature taken with a max. + min. therm. hung from the back window 2^d floor, and when the sun got too near, outside the west window in my study
Cambridge, Mass

Minimum = lowest temp. on night before = max. = highest during day.

Days: Jan. Feb. Mar. Apr. May
 min. max. min. max. min. max. min. max. min. max.

1-	26	48	24	41	44	47	42	54	55	56
2-	30	47	28	45	21	40	33	59	35	48
3-	37	54	36	49	30	37	47	68	37	53
4-	38	46	35	45	33	52	59	61	46	58
5-	31	40	32	32	35	46	26	39	49	61
6-	34	41	20	37	35	47	26	49	47	62
7-	16	37	25	33	26	53	38	54	42	62
8-	21	38	18	42	42	55	52	59	50	71
9-	10	17	25	32	43	46	45	64	47	64
10-	14	26	25	40	37	52	46	64	42	75
11-	16	27	30	48	38	56	42	58	44	74
12-	28	27	41	46	36	59	33	64	43	72
13-	12	25	37	50	35	65	36	53	47	74
14-	14	27	30	34	31	70	42	48	55	72
15-	22	36	23	39	42	54	40	42	53	72
16-	31	40	23	35	36	47	38	45	50	64
17-	35	46	17	26	37	62	38	48	50	82
18-	20	22	2	18	43	56	35	59	60	88
19-	2-13		2	11	41	71	34	54	63	88
20-	6	31	1	27	44	75	39	65	65	85
21-	27	45	3	37	42	52	38	60	61	82
22-	32	39	21	34	45	57	37	63	67	
23-	28	39	17	42	44	50	43	64		
24-	6	19	27	47	44	59	48	63	41	
25-	15	22	20	38	40	50	45	63	44	64
26-	14	33	23	46	32	53	39	55	41	
27-	13	41	34	57	40	66	43	60		
28-	39	48	44	61	43	52	39	69		
29-	33	43			28	44	57	82		
30-	38	45			29	52	58	82		
31-	27	32			40	56				

Cambridge, Mass. to Shelburne, N.H.

1903
May 26

Clear, cool day. M. & I took the 9.01 Am. train for Shelburne and had a pleasant ride to Portland, reaching there shortly after noon. An hour's wait, including dinner followed, then a little train, consisting of an engine and single car took us out to the Junction where we caught the train on the Grand Trunk Railroad at 1.35 and reached Shelburne at 5.06 where Gus was waiting for us with a carriage and pair. It was good to land in old Shelburne once more. A sweet breeze was blowing and as we rumbled over the Androscoggin River we saw the booms built up the stream to guide the logs, and the logs floating down streams and large numbers. The great mass of logs is still above Berlin and they will not come down for some little time yet, but I shall see it some time in June. The cheery song of the Bluebird greeted us as we stepped from the train & heard two or three singing at once. We had a warm welcome when we reached the lumber. Miss Fanny and Aris, Margery & Lawrence are at home. There are several boarders. Vegetation was early here as at home, but a late frost did serious damage to the young crops which had in many cases to be started again.

Shelburne, N.H.

1903

May 27

Min. previous night 52 - Max. during day 72 -

It has been a glorious day cool, with fresh breezes. This morning I walked through the intervals to the river with Miss Candler of New York who is here. The Barn Swallows are abundant nesting in the barn and fled and skimming over the meadows twittering constantly. Bank Swallows are also numerous flying over the meadows, feeding and picking up little fine things for their nests. They utter constantly their hoarse, little notes.

I exposed two films at the town dam by the creek. We then went through the pasture behind the Scudder cottage and some way into the woods. We saw an Ovenbird utter his energetic song from very close at hand. A Pine Warbler sang constantly in one place.

This afternoon M. & I walked a little near the house and I photographed the Humble from across the road in front of the house, and I also took a picture of the new cottage by the Cassins. I saw a number of species of birds to-day. I shall list them together those recorded during my visit at the end of my Journal. The Bobolinks are abundant in the intervals, singing merrily and filling the air with melody. Phoebe are abundant, five pairs nesting within 5 min. of the house.

Corallorhiza imata, R. Brown

Woods on the path to Mt. Cabot.

Shelburne, N. H.

1903
Mar 28

Min. 57 - Max 74. Cool, cloudy, dry. Thunder in late Am., a little rain - Rain in evening -

This morning M. & I wandered over the meadow listening to the Bobolinks, and watching the Bank & Barn Swallows. Near the river we heard a Savannah Sparrow and saw a Black Duck fly down stream - A pair of Kingbirds were feeding busily and by the Knubble a Chestnut-sided Warbler was singing - I followed him up and got very near him - On the Knubble I was interested to find two plants of the Habenaria Hookeri which species was growing there in the early 80s. A (Trails of) Alder Flycatcher was on the large dead White Birch on the road side just below the house and once he uttered his note - ^{an Alder Flycatcher was singing by the Knubble -}

This afternoon I photographed the house and barn and sent off the roll of films to Roby-Trench Co. Later I walked to Wheeler's Bog and saw a Redwing. A Hermit-Thrush was singing at the foot of Crocus nest.

As I was near the School House, a Pileated Woodpecker uttered his loud call and I saw him flying over the trees and alighting on the top of a tall one where he sat for a minute, his long crest erect. Soon he started off and flew over the river. He was a big fellow. It was quite exciting -

Ceophloeus pileatus

Shelburne, N. H.

1903
May 29

Min. 57° - Max. 66°. Clear, cool, windy -

It has been a glorious day. This morning I took a walk with Mrs. Comverse who is here with her daughter. We went down the road to Mink's and in the orchard by the house, I got some Hedgehog quills from the remains of one that had long lain there. I want to show the points through a microscope. Then we skirted along the base of the ridge and listened to an Indigo Bird and a Magnolia Warbler that seemed to be vying for the musical prize. In the distance a Veery sang softly, and as we returned to the road a Nashville Warbler uttered the pretty notes. Maianthemum canadense, viridula americana and Cornus canadensis carpet the woods with white, and Cepripedium acaule is in full flower, both the purple and the pure white forms that I found here in the early 80's. We continued on to Wheeler's bog where I saw two pairs of Redwings. It is a pretty spot for their nesting, quiet and undisturbed. Innumerable dancing needles of various kinds were darting about. They were beautifully colored. I captured one large one for Mr. Hebblethwaite. It was very abundant near the water. Returning we saw an Osprey soaring over our heads and down to the river, quite low down. A Bluebird was feeding its young in the little bird house by the Mink house.

Shelburne, N.H.

1903

May 29

(2)

After dinner I went over to the Knubble to collect a few plants. I found in the grass near the foot several specimens of which I took. A beery was singing on the Knubble, as on the 28th, I found a number of plants of Habenaria Hookeri growing at intervals over the top and I took two.

The Crows were screaming overhead a good deal and as I was going down to the meadow I saw in a young Crow a tree some half way down the slope a young Crow well grown. It was about 15 feet up. By shaking the tree, I started the bird and, after flying clumsily to another tree, it scaled down to the ground just outside the Knubble where I picked it up. It made no resistance. In less than a minute there were twenty five Crows yelling over my head. Such a racket! I walked home with my prize showed it to the family, and then returning to the center of the field thrust it up into the air. It flew about half way to the Knubble and then wobbled for the remaining distance and disappeared among the bushes. Twelve Crows screamed overhead during this performance -

There is a patch of Hierodoloe borealis in the field by the Knubble in full flower now. It is very attractive.

<u>Camelina sativa</u> , Crantz.	In grass by Knubble
<u>Antennaria nevadica</u> , Michx.	" open field by "
<u>Habenaria Hookeri</u> , R. Bruns	On the "
<u>Hierodoloe borealis</u> , R. & S.	In open field by "

Shelburne, N.H.

1903
May 30

Min. 44°, Max. 65° - Clear, very cool & windy.

This morning M. & I walked down to Wheeler's pond. A Blackburnian Warbler was singing his little song in the pines and on our return I saw him and watched him sing. At the pond I captured with my net a number of dragon flies of various species for Mr. Henshaw. Some were a rich blue, with wings folded along the back. One species that frequented the borders of the pond in great numbers was quite large and had white spots on the back.

We walked on to the foot of Crow's Nest and found a sunny spot below the towering cliffs where we rested. Pine Warblers, Myrtle Warblers, Junco, Redwing Bird, Green birds were singing or flying about us while in the woods close by a Hermit Thrush poured forth his rich music. We returned in time for dinner.

This afternoon I walked through the woods along some distance on the way to Bowls & Pitches. The woods were beautiful but very quiet. Lawrence's little Fox Terrier, Raleigh went with me.

Right after breakfast this morning I explored a plate giving the view from the house, and another at the Button Bushes in the backyard from the back door of the barn -

Shelburne, N.H.

1903
May 31

Min. 40° - Max. 68°. Clear, cool, bracing,
light breezes - An ideal day

This morning Gus Philbrooks & I took a walk
to Boulds & Pitehers. It is through a very beauti-
ful wood where Maianthemum, Trisetalis and
Cornus canadensis carpet the ground with pure
white, among the fallen leaves and pine needles.
I heard the lazy drone of the Black-throated
Green Warbler, the sharp notes of the Scarlet
Tanager and the Yank, yank of the Red-
bellied Nuthatch. At the falls on Burbank's
Brook I took three pictures, one of them
being just above the falls, the other two
of the falls. This afternoon I rested
and towards 4 o'clock we walked down to
the river where we watched the logs
drifting down stream. I captured on the Argyris
bank a Mountain Silver Spot (Argyris atalantis)
atalantis) very much smaller than either
cybele or epheorate. On our return we
stopped for some time watching and lis-
tening to the Bobolinks, Bank & Bank
Swallows. It is a treat to see so much
of these birds. I saw among them
a Tree Swallow, the first one I have
observed here.

Viola cucullata, Nutt. Growing on the rocks
at Boulds & Pitehers on Burbank's Brook,

Shelburne, N. H.

1903

June 1

Min. 38° - Max. 73° . Sunday from forest fires, rather warm, light clouds -

This morning M. & I walked over to the Post Office & at the bridge we watched the logs floating down the river and I took a picture looking up stream to Bald Leap. While trying to get a picture across the river of the bridge, a gust of wind unfortunately blew over my camera, with lens drawn out, and on the tripod. It fell lens forward, and was badly broken. It was most discouraging and I only hope that it can be mended properly. I have expressed it down to Rober-French Co and I await with deep interest their reply.

Camera broken!

Savanna Sparrows were singing in the meadow across the river and a large flock of Tree Swallows are building under the eaves of Morse's barn.

This afternoon we went over Mrs. Emerson's cottage - Mrs. Emerson & her sister Miss Clark left here this P.M. I finished reading Dorothy Vernon of Haddon Hall this afternoon - Mrs. Sheffield arrived on the afternoon train.

Shelburne, Vt.

1903

June 2

Min. 38 - Max. 72. A bright pleasant day light winds, rather warm in the afternoon, except for the smoke from forest fires over the mountains. In the afternoon the wind drove smoke from the smoke down the valley till merely the ghostly forest fire outlines of the mountains were visible and the sun was a lurid red. The evening more show dim and red and finally disappeared from sight.

This morning Gus drove me to Gorham in an open buggy with a pair. We went by way of Lead Mine Bridge with its beautiful view. I saw very few birds on the way. The effects of the recent frost of May 23 were very visible along the way, where we saw Butternut trees absolutely withered in every leaf and on the slopes of Mt. Haged where large brown patches scattered over the mountain side told of frost-bitten trees, leafless for this summer. In Gorham Brook tract by the blacksmith's shop, in the center of a small lawn in pond adjacent to a small white house is an artificial pond some 15 feet across and four or five feet deep with clear fresh water from a mountain brook continually running in and out. In this pond are two large magnificent trout. The larger must have been 15 inches long. They had been there for at least three years.

I called at the cobbler's, Wesley Wright, to get some shoes mended. He is Gus's cousin, 60 years old, having lost a leg in his youth. He is a very interesting man and I had a long talk with him. Phelps's Books stand at his house once and he has his photographs on the walls of his little shop. -

Shelburne, N.H.

1903
June 2
(2)

Returning from Gorham we were approaching Lanius l. migrans home about half way between Larry's and the house when I saw a Migrant Shrike soaring over the interval a short way ahead of us. It alighted in the willows on the road side and I had an excellent view of it. This is the first time that I have ever seen this species. It soon left the willows and flew on to the plateau above where I lost sight of it.

Shelburne, N.H.

1703
June 2
(3)

In the afternoon we limited ourselves to a stroll over the intervals to the river. The air was murky with smoke and the hills were dim, but the river with the floating logs and the wide stretch of flat meadows were very attractive. Two Spotted Sandpepers alighted on the top rail of a fence by the stream and I approached to within a very short distance and enjoyed their delicate plumage and dainty movements.

This evening we called on Mrs. & Miss Seudder & Miss Smith at their cottage and saw many of Miss Seudder's foreign photographs which she took abroad - As we were talking, suddenly the clear note of a Whippoorwill came ringing in from without - The bird had appeared right and we were expecting to creep in better soon leading to the back piazza and carefully opening it, I saw the bird sitting on the middle of the piazza, some ten feet from me. As I looked at him he rose and flew straight up in a perpendicular line, head up and tail down, some eight or ten feet, seized an insect from the air and returned to his former resting place. He soon flew off, but returned, alighting for a few seconds on the corner of the piazza. A little later we stood by an open door and heard him sing a long time from close at hand. He uttered a faint chuck like a rap of the bill on wood, at the beginning of each phrase chuck-whippoorwill, chuck-whippoorwill, &c. The sound could not have been heard a short way off.

Celestionus vociferans
catching an insect

Shelburne, N.H.

1903
June 3

Min. 52° - Max. 76 - Very strong north-west wind -

It has been a most remarkable day. The forest fires are raging about seven miles north west of here on River Mt. beyond Mt. Hayes. The woods are pine near Berlin and at Alpine Cascade and the strong gale from these fires is carrying the smoke down the valley. It has grown thicker & thicker to-day till this afternoon at 5 o'clock you could not see over the river, and the sun, which had been hanging in the heavens like an eclipsed moon, with dull red light, vanished from sight, though there was not a cloud in the sky. I never knew such an experience. Gus & I drove over to the village about 4.30 P.M. and learned that the Profile House & Mt. Pleasant House were burned up. That however is doubtless false. This afternoon the smoke hurt our eyes.

In the morning I walked to the minst house and through the intervals with some of the ladies, a birding, but the smoke & wind was bad. Still we heard ^{a few} Blackburnian, Nashville, Myrtle Warblers, King Spotted Sand-piper, Bobolinks, Bank & Barn Swallows, & I added a Field Sparrow to my list. We strolled over the intervals again in the afternoon -
Salix lucida, Muhl. By the creek in front of the house -

A trip to Bethel, Maine.

1908

June 4

Min. 41° - Max. 70° - No wind, smoke heavy but not as bad as yesterday -

The wind went down last night and we learn that the fires are being fought in Berlin & Gorham by 500 men. The air has been a little clearer to-day and the cinders have ceased flying. I picked up a good many of these floating black remnants of the flames yesterday, and in every case they were either entire or fragmentary beech leaves.

This morning Gus, his two daughters Liria & Mary (Ethel is in Boston) & I took the morning train to Bethel to attend the graduating exercises of Howard at the Gould Academy. Gus & I kept together during the day, going over the chair factory, driving out of town some distance to see about getting some pine boards covered with lichens that Gus wanted to make picture frames of, dining at the Bethel House, sitting 2 1/2 hours at Gould Academy during the exercises etc. Howard spoke his piece very well, in fact, all the declaimants spoke with ease and a good deal of dignity. We returned on the afternoon train.

My films that I sent down to Robey French Co. have come back, developed, and with one print. They are pretty good on the whole. I have not had one word yet about my camera. I must hear to-day.

E. B. Reid writes regrets that I cannot be present at the Bot. Club meeting to-night.

This morning as we drove to the birds, a Blue Jay screamed. This adds a new bird.

Gould
Academy

Shelburne, N.H.

1903
June 5

Min. 37° - Max. 72° - No wind, smoke every-
where, sun a lurid ball, no clouds. Faint outline
of Baldcap only, visible.

This morning a party consisting of Miss
Fletcher, Miss Smith, Mrs. Sheffield, Mr. Candee. Gus & I
started over the ridge back of the house for
Cabot. It was a pleasant ascent through the
woods. Reaching the foot of Cabot, Miss Smith &
I remained in an open spot among the
trees, while the rest went on leaving us alone
for two hours. It was a good place for birds
and we heard several. Colaptes a. luteus, Dryobates
villosus, Ceantopus virens, Cypselurus minimus, Bonasa
umbellus subsp. (this further down the path a little earlier).
Zonotrichia albicollis, Dendroica caerulescens, Amotema
tricolor, Turdus n. swainsoni, T. g. pallasi. We got
very close to the Olive-backed Thrush and saw his Olive-backed
setting on a small branch very near by. I saw his Thrush king.
olive back and his light eye-ring. He was perched
on one leg, and he raised his head slightly as
he opened his mandibles and purred out his song.
It was quite our experience. The party returned
back at 1 P.M. and we reached home to a late dinner.

This afternoon I drove over to the village with Gus,
and examined the Earth Swallows under the eaves of
Morse's Barn. There are 38 nests, a few of them com-
pleted, but most still building. The birds were bringing
mud from a creek over the wood meadow. I watched
them going to and fro. I heard a Savannah
Sparrow in the meadow.
Cardamine pennsylvanica, Muhl., Bog, foot of Mt. Cabot.

Shelburne, N. H.

1903

June 6

Min. 46° - Max. 77° - No wind. When I have said no wind for the past week I have meant that no wind was perceptible, but the direction of the slight current of air in such cases has been always west or north-west.

During part of the day you could see little from the house beyond the creek, and never could you see more than the ghostly outlines of the foot hills of Moriah. Gus learned in Gorham this afternoon the fire on this side of the river which we feared the most was under control, and part of the gang there had been sent to Berlin.

This morning Mr. Candler, Gus & I went over the ridge back of the house and found my trowel which I had left behind yesterday. It was a delightful walk through the woods of beech, red maple, birch & pine - I was fortunate in getting my trowel & Mr. Candler found it, I added a Black and White Warbler to my list of Shelburne birds. Miss Davenport heard to-day a Purple Finch in the woods leading to Mill Brook.

This afternoon after reading I walked with Tall dead birch a short way down the road thirty Cedar Birds were perched on top, they were engaged in catching insects, sailing off at intervals and returning to their perch. Sometimes a dozen would be soaring over the meadow diving up and down like Swallows. I saw two, sitting close together, pass an insect to and fro six times. then it dropped. Pretty flight. passing a Cow Bird & a Chestnut-sided Warbler joined the group & sang. insect to each other.

Shelburne, N.H.

1903
June 7

Min. 45° - Max. 77° - Light east wind at
East - Think as usual this morning, but during the
afternoon the smoke has cleaved enough to show
the outlines of the mountains excepting the two
peaks, Madison & Adams - At 4 P.M. I could
not look into the sun with naked eye as I
have been able to do the past few days -
No cloud -

This morning, Miss Lighton & I took a walk
along the path to Boulds & Pitches nearly to
Mill Brook. We saw about 33 species of
birds. An Alder Flycatcher was singing in the
Alders near Greene's and we saw an Olive-
sided Flycatcher for at least a quarter of an hour. Cont. Spal
brealis
He was on the top of a dead tree close by us, and
we watched him catching insects. He kept ut-
tering his pip-pip, pip-pip-pip, almost incessantly.
We saw a Solitary Vireo and listened to his song
for about fifteen minutes - We heard another later.
Three Blackburnian Warblers were sparring together
and a fourth was close by - We heard their song
twice - I saw my first Rose-breasted Grosbeak
and heard a Purple Finch. We heard the
Veery, Hermit & Olive-backed Thrushes continually, Cedar birds
Two Cedar birds sat on a Pine branch six inches apart, passing in-
One hopped to the other, gave it an insect, hopped back, sets,
then returning, took it back and this pretty show was kept
up about 12 times -
This afternoon I strolled over the intervals, catching insects.
An Alder Flycatcher was singing by the Knubble, Loops
are floating by in large numbers -

Shelburne, N.H.

1903
June 8

Min. 65° - Max. 67° - Light east wind.
Rain at last !! Light rain this morning
early. From 9 to 1 o'clock cloudy but no rain.
Intermittent rain during the afternoon.

What a relief that rain has come at last.
May it continue long -

This morning Mrs. Sheffield, Miss Layton & I
went to walk on the path to Bowls & Pitches
I spent nearly 3 hours in the woods and
saw or got many birds among them, the
Olive-sided Flycatcher again. He showed this time
the whitish-flank feathers conspicuously. We
saw and heard a Solitary Vireo and Broad-winged
Hawk, Blackburnian, Nuthatch, Black-throated Green,
Myrtle Warblers, adult male Purple Finch. We
heard a Partridge drum about six times.
Olive-sided backed & Milton's Thrushes were sing-
ing constantly. In the Alder thicket, Empidonax t. aloumum
was jerking out his
squeak note -

This afternoon M. & I walked down into the
intervale and down the road to the school
house. It was quite wet -

Will Brewster writes me from Bethel, asking
me to come down on the 10th. He says "I have
a nest to show you very near the station - nothing
less than that of the Migrant Tanager with ^{the} pair of old
birds, an egg, & a young bird. All these I have just
seen. I have been watching the old birds ever since I
came but only found their nest this morning" -

Thelburne, Vt.

1903

June 9

Min. 62° - Max. 70° - Light east wind, good rain for a portion of last night - Cloudy all day, no rain in morning, heavy rain in first half of afternoon. Forest fires are out or checked.

This morning Mrs. Sheffield & I had a very pleasant walk between 9.30 & 10 o'clock. We crossed the bridge and watched the logs floating down. In the intervals Savanna Sparrows were very abundant, their little were notes sounding from the grass. We saw a great many of the birds. They were very tame and we got close to them. For nearly half an hour we watched the Dove Swallows at Morse's barn. Then we crossed over to Clement's Brook and followed it to the River. It is a good place for birds, as it is bordered by bushes. We saw a pair of Red-wings, the female with food in bill - I was much pleased to see a Yellow Warbler that I first heard and then followed up at the mouth of the brook. I heard the song at least half a dozen times along the brook. I located three Catbirds across the river. That makes five places in all, three by the river, two in alders by the road. Returning by the railroad track we saw, seated in the telegraph wires close together six Swallows, three of them Bank, one Tree, one Eave a Cliff, & one Barn. It was a fine opportunity to study them from very close at hand.

This afternoon when the rain stopped M. & I walked down the road and through the Mint field. I collected two sp. of beetles (one a lady bug) that were on the blades of grass. A beefer Sparrow was singing, also four Veerys - Savanna Sparrows were singing in numbers this evening in that of the lumber

I caught a small Wood Turtle by Clement's Brook -

Dendroica aestiva
Clement's Brook

Visit to Bethel, Maine

1903
June 10

Min. 64° - Max. 70° . Calm, cloudy, slight rain at intervals.

M. & I took the 8:30 train this morning to Bethel and spent the day at Dr. Gehring's and with Will Brewster. Arriving at 9 o'clock, M. drove up to the house while Will took me to see the family of the Migrant Shrike that he had discovered. It was a rare treat. The nest is in a very small elm about 10 or 15 feet up, built of sticks and close by the road. It is but a minute's walk from the station and I could actually see the nest as I stood on the platform at the station.

Will said there was a young bird out, and one egg toward a second set in the nest on Monday. He has made many interesting observations on the feeding of the young bird. As we approached the tree we saw the female bird sitting on the nest. We watched her for a moment and then walked down the road where we soon found the male bird feeding a chubby fat young one in a small maple. We watched them for nearly an hour. The old bird would rest on the fence or telegraph wire, and from there swoop gracefully down, catching an insect either on the wing, or after alighting. Then he returned and feed the young one. He saw but one young Shrike. The male bird was very handsome, the contrast of black, white and slate color being very striking. His movements were very graceful, especially when he scaled on set

Visit to Bethel, Maine.

1903

June 10 wing. The little bird I got to within 4 or 5 feet of (2) and could see him perfectly. His markings were much like the old bird's, but magnified. The vermiculations on the breast were beautiful. The bill was rather short and stout, with a slight hook. It was a funny little fellow as it hopped along the top rail of the fence. It could fly quite well, though it allowed us to approach very close to it. It fluttered its wings and cried as a young bird will when fed.

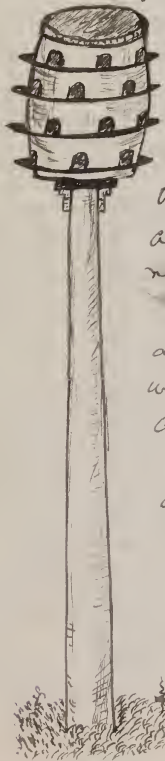
Once we heard the male utter its song, a series of peculiar notes - Will found a Bluebird, Swallow and Dickcissel Song impaled near by - These were all taken away or eaten. Once the Shrike flew up into a tall elm in the open field and as it entered it, a Robin hastily flew out, but we could not tell whether the Shrike was after it or not. Will showed me where the various creatures had been impaled or fastened into forks of branches. The whole performance was a rare sight.

Leaving this interesting adventure we waded up to the house where I met Dr. Mrs. Gehring and their numerous guests - They were very cordial. We spent the time about the house and grounds as the woods were very wet. Birds in Bethel, not observed here are Vireo pilinus, Progne subis, Quiscalus c. caryacus. Purple Finches were singing freely, while here I have heard but one. We visited a Martin House, opposite the Academy in a neighboring garden. It was made of

Visit to Bethel, Maine.

1903

June 10 sugar barrel. There were four stories with seven Martin
 (3) holes in each story. The pole ran through the house
 barrel in a wooden core fitted into the barrel.
 It made a very attractive house. The holes
 were well filled with Martins that seemed
 to be feeding their young. English Sparrows
 occupied two holes and seemed at peace with
 their neighbors. Tree Swallows were in one or two
 holes. The house had been up 4 or 5 years.
 A platform surrounded the house at each story.



The tin cap covers the top. The owner
 told us that he first put the wooden
 cylinder through which the pole was
 to run, into the barrel. Then he
 fitted the partitioning which ran from
 the side of the barrel to the cylinder
 and cut the holes. The idea is a
 novel one.

We had a very pleasant lunch
 at the Gelerings and at 4 o'clock
 we walked back to the station, Will
 accompanying us part way.

This morning as we were waiting
 at the Shelburne station for the
 train I saw two Bitterns arise
 from over the intervals at Clement's
 Brook and fly along some distance
 down the stream before they disap-
 peared. I have not seen them
 here before.



Shelburne, Vt.

1903
June 11

Min. 64° - Max. 70°
all day when it rained off and on
This morning cloudy, calm, no rain.

I was rather tired after yesterday and I did not so much wander near the barn. I found a Red-wing in the creek in front of the house - I first heard him from my room. It is the first time that I have seen one there. I heard four Alder Flycatchers by the river and I had a nice chance to see the one in the alders by the dead birch just below us. I watched him for 10 or 15 minutes as he snuffed out, with a toss of the head, his little song - Two Veerys were singing, one on the Knubble and one in the woods between the Knubble and the road - A new bird to my list was Loxia c. minor, the Red Cross-Loxia c. minor bill of which I saw a flock of about six that alighted in an elm near the Goodale Cottage when we happened to be sitting.

Viburnum cassinoides is now in full flower by the Knubble - Two Field Sparrows were singing a broken song and in front of the Emerton Cottage a Vesper Sparrow was filling the air with snatic.

This afternoon M. & I took a walk a little way along the path to Gards & Pitches.

Yesterday a riverman found in the field between the Knubble and road a large Wood Turtle marked underneath "A.E.P. '92" I was remembers distinctly doing this in front of the house at that time. We marked on it "W.D. '03" and let it go again. I wonder if it will be found some years hence -

Wood Turtle marked "A.E.P." found.

Shelburne, N.H.

1903

June 12th Min. 60° - Max. 62°. Heavy rains at intervals during the night and morning. Soaking rain all the afternoon and evening.

The heavy rains have kept us at home.

This morning M. & I walked as far as the Scudders and made a call. Miss Vida Scudder showed me her beautiful photographs taken in Italy & Switzerland with a \$10 camera, one stop, snap shot. She also lent me the Outlook for June with an article by her, illustrated by her own photographs taken as above, some of them enlarged - It is a delightfully written article and the illustrations most excellent. Excellent photos with a \$10 camera

In the middle of the morning as I was sitting by the window a flock of about 25 Red Crossbills flew chattering up from over the intervals to the house and alighted in the elms directly in front of the front door. They were well hidden among the leaves, but I saw a very well. They did not stay long. Returning from our call at the Scudders, I saw two more.

I have read and written letters during the day -

Shelburne, N.H.

1923
June 13

Min. 56° - Max. 59°. Wind still east. Rain all the morning, misty with slight rains in the afternoon clouds clearing low.

Floods and washouts the order of the day - Also the big jams of logs at the bridge. We have had quite an exciting day - Last night by ten o'clock the interval between the house and river was largely covered with water. We saw it from our windows. This morning a number of large logs were seen deposited over the interval, the water having gone down somewhat.

The creeks are all very full and Cabot Brook near the house was a torrent. It was a remarkable sight: After breakfast Gus took a party of us in the big wagon to see the sights.

We drove first to the bridge and there we saw two enormous jams of logs, against two of the piers. The "walking boys" said there were from five to ten hundred ^{like the one we saw 1,000,000 ft.} clear and feet. They were piled upon each other in great confusion. In one the logs projected five or ten feet above the level of the bridge which is at least ten feet above the water. It was tremendous. The rivermen were beginning to work on one jam, but we drove on, as we should see it later. We took the road to Gorham and after going over terribly washed out roads came to Rattle River. Here the bridge was washed away and the brook which in the night swept over the road was still a raging torrent. Returning we watched the rivermen a while breaking up the jam.

Shelburne, N.H.

1903

June 13 but we had to get home to dinner so we did not
 (2) stay long. After dinner I went to the bridge
 again and staid from quarter of three to quarter
 past six, watching the movements of the men
 and it was most exciting - Ten men with
 paviors or cant dogs were at work on the jam
 near this side and two men were in the long
 pointed boat with long pointed poles ready to give
 assistance. The men were working with a will
 hauling, prying, rolling the logs, and running about on
 them as they were even floating free with perfect
 ease. Sometimes a whole section of the jam would
 slowly settle. Then it was exciting. The men were
 shouting and running to get out of the way, and then
 springing upon the logs and guiding them on
 either side of the iron pier of the bridge. The
 jam rests on the bottom of the river, for after it
 gets started against the pier or any other obstruc-
 tion, the logs get jammed more and more by those
 coming after, and pressed up & down. Once two or
 three of the men slipped in between the logs up to
 their waists, but it didnt take long for them to recover,
 for the logs have great crushing power although
 moving slowly. At last it was near supper time
 and I returned home.

Shelburne, N.H.

1903

June 14 Min. 54° - Max. 61° - Clear brilliant day! first since June 1 Am. Clearing clouds in Den.

It has been a rare treat to get at least so beautiful a day, mild, almost calm, with air clear and bright. We have spent the entire day on the bridge watching the rivermen at work on the second gain. I don't know when I have passed a more interesting time. This gain was piled against the pier several feet higher than the bridge itself and extended under the bridge and out the other side. It ran back a long distance back. Mrs. Grandjeant who is here insisted upon my using one of her cameras which holds a 4x5 plate, and during the day I took twelve pictures of the gain and the men in various positions. It is astonishing to see the speed with which the men work with axe and cant dog in that mountain of logs piled up and lying in every conceivable direction.

They will probably start the whole pile off to-morrow - The "walking boss", a Mr. Hickley, told me that the men work from 5 Am. to 7 P.M. They rise at 4.30 and breakfast hastily, have a lunch at 9, dinner at 2 and supper after work. Lunch + dinner are hurried through. The men get \$2.25 per day and board + lodging. They have plenty of first class food - Sunday with the rivermen is a working day -

Crossbills (*Loxia c. minor*) passed over the bridge three times to-day. I heard an Oriole by the house this morning.

Shelburne, N.H.

1903

June 15 Min. 54° - Max. 58°. Cloudy, chilly and rainy at intervals through the day. Calm.

Good weather has not yet come. This A.M. M. & I walked down to the bridge - We found there the Boss, Mr. Hickey, and Larry Howard. Work on the jam has stopped for the present as work farther up the river was more important. About two hours work was done this morning and a portion of the jam was blown up with dynamite. I had a long talk with Hickey and Howard - This drive started at Lake Umbagog and consists mainly of Spruce and Poplar or Popple as it is called here. The rest is made up of Pine (P. Strobus), Fir and Hemlock. The Pine is classified as Pine & Pasture Pine, the latter being the scrubby pasture form, branching low down and much inferior in quality - It is these kinds of trees that are piled up in the jam. The poplar is all peeled. Gus says that the men this year are getting \$2 per day with board and lodging. He has shown me some contracts made between him and various Lumber Companies for the delivery of lumber either either at Berlin or into the Androscoggin River. The afternoon was too stormy to be out with any comfort. I have read and written letters.

Yesterday a Heavehog was shot very near the bridge on the road in the interval on this side

Shelburne, N.H.

1903

June 16

Min. 52° - Max. 60° . Bright clear, sunny Am., cloudy P.M., almost calm, wind west - A good day,

This morning the misses Davenport, Mr. & I walked down (or up) to the bridge. Larry (Lawrence) Howard was the only one there. The logs had caught on the gravel bar just below the bridge in the center current and had backed up above the bridge. Howard was building a wing out, as the logs came down, so as the force the logs down the center current as they jammed in the center current. We had arranged with Howard to come to the bridge when the sun shone to get some pictures of him on a log.

Three times he walked up the bank to the end of the jam, pushed a big log out into the stream, jumped on it and came down in the current towards us, once standing, once sitting, and once lying flat on his back, while we from the bridge took snap shots of him. Howard landed either on the drift of logs or on the bank - Then he let me photograph him in the batteau, holding a cant dog in one hand, and the pointed pole in the other - I took another picture of Howard, who is a very nice fellow, by a pile of logs. All these pictures have been taken with Mrs. Mangent's camera and I have no idea what the results will be.

This afternoon I went down to the bridge again and descended over the bridge down the ladder, into the batteau and from there on to the logs. Howard was there and with him I walked out on the floating raft in

Shelburne, N.H.

1903

June 16
(2)

every direction. I went under the bridge and down to the island and saw how a jam begins. Then I spent some time studying the logs with Howard and I finally got pretty well acquainted with them in the forms they showed. They were as follows:—

White Pine. The bark was always on, though often much scoured and scraped.

Red Spruce. Easily recognized with bark on. The bark was often gone, and the log superficially resembled Poplar, but the knots are very different and the log is straight.

Fir. There was always some bark on the logs, making identification easy, many were much scoured and peeled.

Hemlock. We saw but two logs, both peeled.

Poplar. Always peeled, otherwise it would get water logged and would sink. Rarely straight.

The knots render identification easy.

These species compose the drive. The bulk consists of Spruce & Poplar or Poplar.

Howard took me in the bateau to the main jam and we climbed to the top of it, examining the lay of the logs. The general direction of the logs is across the river. They ~~float~~ ^{are} in every direction from horizontal to perpendicular.

I found and collected quite a number of beetles that were crawling on the floating logs.

I captured to-day the tiger Swallowtail and Mountain Silver Spot, and heard this morning *Vireo flavo* singing close by the house a Warbling Vireo.

Fulburne, N. H.

1903
June 17

Min. 48° - Max. 58° - cloudy with intermittent showers all day -

It has been a chilly disagreeable day and I have not been out very much. This morning M. & I walked up the road as far as Katie Burgess's cottage where we called. Katie used to work for ^{J.B.} Mr. Greenleaf. I collected quite a number of insects, beetles mainly. Near Mr. Leighton's house just above here, I heard a Pine Warbler, Nashville Warbler and Solitary Vireo. The Alder Flycatcher was singing in the Alders by Green's and farther on a Veery was singing on either side of the road and a vesper sparrow made beautiful music. This afternoon a Hermit Thrush was singing in the woods behind the house. I hear more Veerys & Olive-backs than Hermits -

My camera at last arrived to-day, but so Camera re- poorly packed that the ground glass is in bits. turned broken the frame will be sent back to-morrow. It was outrageous. A bit of thin corrugated paper was wrapped about it and a bit of brown paper about that. No mark Glass was on the label. I cannot imagine greater stupidity on the part of the packers, when shall I have the camera in perfect order - I am afraid now that the inner lens that was in contact with the broken glass may have been scratched but I hope not -

I collected to-day -
Antennaria ^{medicinalis} ~~americana~~. dry places. open -
Senecio Robbinsii. ^{at} lakes. }
Suffrag. grass -
Fragaria virginiana Nutt. meadow -

Shelburne, N. H.

1903

June 18 Min. 53° - Max 58°, Light east wind, heavy clouds, rain in P.M. at intervals.

It has been another cold disagreeable - This morning it did not rain, and M. & I walked down the road about half a mile beyond Wheeler's.

Fesper Sparrows were singing almost during the whole of our walk - At Wheeler's Pond a Bittern fly over us and alighted in the Leather leaf (Cassandra calyculata) that surrounds the pond.

I saw him, after he had alighted, with extended neck - In a stump in a field near the road, a short distance beyond Wheeler's we found a pair of Tree Swallows feeding their young in a Woodpecker's hole some 20ft. up. It was a pretty sight. A little farther down the road I heard the call of a Crested Flycatcher and I soon saw him in some Pines. He called a number of times and as he flew off he displayed his sulphur yellow throat. Veerys & Hermit were singing and we heard a Blackburnian & Nashville Warbler and a number of other species.

Myiarchus cinerascens

This afternoon Gus & I drove up to Steven's farm and on the return drove down into the meadow just below Lead Mine Bridge to the edge of the big jam. The men were working farther on but it was too wet to get there. We shall take a dry day for it. The number of logs piled up there is enormous -

I have at last secured Amer. Nat. for May, Amer. Nat. 1888, from Mr. Walter Stone. I have been trying for May, 1888 to complete Will Brewster's set for about 4 years now!

Shelburne, N.H.

1903
June 19

Min. 48° - Max. 65°. Cloudy light showers in Am., clouds breaking in P.m. with more or less sun -

This morning M. & I walked over to the village. We spent some time at the bridge, both going and returning, talking with Larry Howard and watching him handle the logs. He has built out a boom of logs so that all those now floating down go through the channel nearer this shore - The end of the drive is only barely this side of Gorham and there is so much to be done above here, that doubtless we shall miss the big work done here later when the whole gang of men & horses are here, and the workshop is pitched close by -

This afternoon I walked down the road with Miss Lighton - At Minot's we saw a Great Blue Heron sailing over our heads and descending to the river - As long as we saw it, it held on set wings without a motion. The distance was some 600 yards. It was a graceful performance. *Ardea herodias*

Miss Lighton played the violin very beautifully this evening. Miss Davenport accompanied her.

Camp Champlain, Vermont, dry ground -

I learned from Gus this evening as we sat around the fire that the drive of logs stops at Berlin where some are reeved, and then it passes on to Rumfolt Falls its final destination. They, the logs, are sorted into three booms representing the three companies who own them,

then they go right into the mills and are ground to pulp for paper. What are left over when winter comes are stacked in piles to be cut during the winter. Gus says that this drive as it lies to-day is worth over \$700,000.

Shelburne, N.H.

1903

June 20 Min. 53° ~ Max. 68° - Wind east, cloudy, sun breaking out a few times towards noon for a few moments. Heavy clouds and mist in P.M.

This morning Miss Lighton, Mr. Candler, Gus & I drove up to head mine to the big jam, a little below the bridge and spent a couple of hours there. The jam was a tremendous one at least 1000 ft. long a few days ago. Even now it is enormous "plugging" two channels of the river, resting on the bottom and rising some 10 feet above the water, extending several hundred feet in length. We walked out on it to the front and watched first the men working with horses. The horses stood in the water up to their middle and a man sat on the back of one. A chain with "dog" on the end was used, two chains being attached to the horses. The "dog" was hammered into the log to be drawn out, and sometimes two logs were hauled away at once.

Log jam below Lead Mine Bridge.

The "dog" is released by a single blow of a "cant dog," ~~at 1.~~ "dog" at 1. It is a very clever arrangement.

The "dog" is laid first on the log thus: ~~then~~ then, as it is driven in by a few strokes of a big mallet, the straight end rises thus: ~~then~~ rendering the releasing of it easy.

We also watched the gang in another part of the jam. It was fascinating and I could hardly get away. They will be about three weeks up there. We returned over Lead Mine Bridge. The Rattle River bridge is finished -

This P.M. M. & I went over to our bridge and had a talk with Harry Howard who is in guard there. Celastus scandens, L. River bank, foot of the jam.

Shelburne, N.H.

1903
June 21

Min. 51° ~ Max. 56° - Easterly storm, continuous rain all day, excepting for a short intermission in the P.M.

Sunday - Never was there such weather. We have kept the house to-day, excepting for a walk in the P.M. when M. & I went down the road to just this side of Wheeler's. The rain fell all the time. A Hermit Thrush and two Veerys sang in spite of the storm.

When I was talking with Harry Howard at the bridge yesterday, he said that at about noon and young, of that day he saw a Black Duck with a brood of about ten young ones appeared on the river near the bank below the bridge on the north side where the trees overhang and touch the water. They went swiftly down Stream on seeing him. Black Duck
June 20.

Shelburne, N. H.

1903

June 22 Min. 49° ~ Max. 67°. Pleasant day, no rain, wind east, slight, sun & cloud alternating in the ~~afternoon~~ ^{and} P.M.

This morning at 7 o'clock, the report ran through the house that there was a deer in the intervals. Rushing to our windows which command an extensive view over the broad expanse stretching from the house to the river, we saw a fine full grown buck feeding in the short grass directly in front of us about two hundred yards off. Our glasses gave us a perfect view of him. His antlers were about a foot long and in the velvet, and his hair was very red. He looked to me nearly as large as a cow. Howard & Ralph were walking in front of the house but he paid ~~no~~ attention to them beyond raising his head and looking up towards the road at intervals. He grazed a moment and then walked on, shaking his beautiful tail. We saw him for full ten minutes before he passed out of sight behind the alders & birches that skirt the end of the Knubble. All his actions were slow and peaceful.

A deer in the intervals

After breakfast a party of us drove with Gus to the big jam below Lead Mine Bridge and spent the morning there. It is always exciting. About thirty men were working like beavers. One fellow got left on a log that was stuck some way from the jam. They sent him a log and springing upon it he rode some distance down stream through some rapids and landed on a pile of logs below. It was good work. I took a heap of him and a few other views also.

Log jam below Lead Mine Br. N. H.

Took a walk with Mr. H. P. M. catching a few insects. Finished Cainsworth's Rock wood this P.M.

Shelburne, N.H.

1903

June 23

Min. 51° - Max 59°. No rain wind east, chilly.

(1)

Sun & cloud alternated during the Am. Cloudy P.M.

This morning M. & I walked down the road, collecting insects for Mr. Henshaw. I took several specimens of Calliphora ^{atlantica}. I found that by swinging the net to & fro over the grass & shrubbery I got many insects that I could not get otherwise.

This afternoon I found an old Migrant Shrike Lanius l. feeding three young on the plateau west of the house ^{in grass} among the apple trees that are scattered over it. ad + 3 yg.

The young birds could fly very well and did not allow an approach nearer than about forty or fifty feet. They were continually calling and the sound was audible across the plateau, about one hundred yards. Sometimes they alighted on the ground and seemed trying to find food for themselves. I watched them for some time. The old bird remained near by perching either on the big elm near the Soudale Cottage to the east or on the fence rail or on a small pile of grass that had been recently cut. Finally the birds fled down near the road, but later returned - Mrs. Chas. H. Grandcut who is in the cottage, ^{The Little House,} called [^] tells me that she saw the two old birds on the 21st and three young on the 22^d. Miss Helena S. Dudley who is visiting the Soudales tells me that she heard the young birds on the 21st and saw all three sitting in a branch together on the 22^d. In both cases the locality was where I saw them.

Shelburne, N. H.

1903
June 23
(2)

In the latter part of the afternoon I strolled by myself through the pasture behind the Scudder Cottage and a short distance into the woods on the old path that we used to take when we were ascending Mt. Cabot. I saw my first Parula Warbler in these woods - Growing Parula Warbler by a cool small pool were a few plants of which I took

Corallorhiza innata, R. Br. } Rich woods by
Carex intumescens, Rudge. } cool pool.

I then visited the Presidential platform which has been built some few years ago just within the woods. By the judicious pruning of a few trees, a splendid view is afforded of the big mountains from Madison to Washington.

Shelburne, N.H.

1908
June 24

Min. 52° - Max. 57°. Wind east. Sun came out for a short time this am. but heavy clouds soon covered the sky and descended over the mts. Rain during the P.M.

I vainly thought we should have a sunny day early this morning but the record above shows the result.

I took a photo. from Sunset Hill after breakfast and then visited the young Shrikes who were calling loudly among the trees on the plateau. The old bird was there too. I have seen but one adult bird. Lanius l. migrans

Though the clouds were beginning to cover the sun, I took three snaps at two young Shrikes, two of them at the same bird in the same position. I only want to show that I saw the bird. We hunted all about for the nest but did not find it.

We took a walk down the road this P.M. but the rain drove us home. I watched a brood of young Barn Swallows being fed by the old birds. There were five young birds and they were perched above a window of the shed, four being on the sill above the window, and the fifth on the blind. They were fed in this order.

No. 1, on the left of the row, first,

" 2 next bird, second,

" 3 " " Third, and No. 1 was fed immediately after by old bird before leaving.

" 4 " " fourth, and No. 1 was again fed immediately after, by old bird before leaving.

Then the young birds began to change places and the count was lost.

Shelburne, N.H.

1903

June 25 Min. 49° - Max. 58°. Wind still east, clouds heavy all day, rain in the morning - Chilly.

We spent most of the morning in the house - Later M. & I walked down the road past the Meiad (not hint) place - I saw a female Downy Woodpecker feeding a young female. Chipping Sparrows were singing and a Veery was making good music.

This afternoon I visited the young Shrikes. I saw 3. I found all three in the old place but didn't see the migratory old bird. I watched the young for some time.

They are learning to feed themselves, by flying down into the grass and picking out insects.

I then walked down to the river which is now very low, and large numbers of logs are stranded high and dry. They will all be hauled off later but we must go home on the 27th June.

Shelburne, N. H.

1903

June 26 Min. 52° ~ Max. 68°. Wind west at last. Rather cloudy in A.M. clearing in P.M. with much sun.

This has been a beautiful day - This morning I took a walk with a small party (Miss Haydon, Miss Emerton, Miss Ripley & Jack Wright) over the river, through the village and over the meadow to Clement's Brook. We followed up the brook some way and rested in a beautiful spot by a clear pool - It all reminded me of the times when we used to frequent the brook as boys in the 60's. I hadn't been there since - I saw Certhia in the meadow and a number of Atantis.

This afternoon a party of us drove to the wagon by the river on the further side a little above Charles Philbrook's. It is in the interval very picturesquely situated close to the water. There are four sleeping tents a tent for storing and keeping the food and a table with a fly over it where the food is served.

The cook was very polite to us, as also the cookee. We inspected everything, saw large dishes of custards, hot, piles of cakes, doughnuts, etc. The cook put a big pot of beans into a hole where a fire had been burning and covered it with hot ashes. I took 6 pictures, snaps with my new camera. In the sleeping tents a long thick blanket runs the length on either side and folds over the men.



24 men slept in one of the tents. The end of the stove is a short way above the wagon.

I saw Hieracium aurantiacum in two places in Shelburne today.

Shelburne, N. H.

1903

June 27 Min. 50° - Max. 70° - Wind west. Clear with scattered clouds. An ideal day -

This morning a party of us with Gus drove off for the day. We first visited the camp or wagon where we went yesterday and took a few pictures. The head cook was there and I found he was Tidwell who had cooked for Capt. J. M. Brewster. I had a nice talk with him. We then drove farther up the road and down over the interval, fording a bit of the river to an island where there burst upon us the whole scene of the real drive, logs, men & horses hard at work. To get a good view we found that we had to cross the main river, and two rivermen took us over in the batteau. Then we were close against the big jams and we walked out over it to where the men and horses were working. There were fifty five strong, stalwart men and eight pair of horses and the jam was rapidly eaten into. The whole scene was wonderfully picturesque. I took a few pictures, all snaps. I had a good talk with four rivermen. Not all the time as they are, they seem to suffer no harm (one fellow has worked for sixty five ^{days} consecutively including Sundays, standing in the water so much of the time, and had ^{been} perfectly well all the time.) We had a very pleasant picnic dinner under the trees at the end of Stevens Farm, Gus being driven round and got home a little after 5 P.M.

"Wagon"
below
Lead Mine
Bridge

Big jams
below
Lead Mine
Bridge.

Shelburne, N. H.

1903

June 28

Min. 45° - Max. 75°. Clear with scattered clouds. Warm, a glorious day. Sunday -

This has been our last day here in this beautiful spot. It has been an ideal day. We have staid about the house most of the time, taking a walk down the road in the afternoon. The sun was quite warm.

This morning we arranged against the barn a pick pole, cant dog, axe and pair of caulked shoes, making the outfit of a riverman. I took two time exposures with plates and hope for good results.

Some of my pictures have come back from Boston and they are rather satisfactory. They are at least suggestive of the gains and the work that was going on there. They are rather dark and I hope it is in the printing.

We took tea with Mrs Scudder, Miss Scudder, Miss Dudley & Miss Smith and had a very pleasant evening. As we were walking through the pasture after tea, Rolly, the dog, who followed us, came out of the woods with his mouth full of hedgehog quills. I took him home and they were all extracted by pulling with the fingers and with pincers. I have never seen this before. Rolly bore it well.

Mr. Pat showed me to-night through his telescope, the new moon, Venus a crescent, & Cygnus a beautiful double star one orange, one blue.

Shelburne N.H. to Cambridge, Mass.

1903

June 29

We left Shelburne ^{at} this by the 8.30 train. The mists were rising from the mountains and the sun was out, and we longed to stay. Everybody bade us a cordial good bye. We had a very comfortable ride in a parlor car straight through to Boston. Miss Lighton accompanied us as far as Portsmouth where she left us on her way to the Isles of Shoals. She is a cousin of Roland Thaxter. Her father was Cedric Lighton - I well remember her grandfather when he appeared on the hotel piazza and blew a long horn to summon his guests to meals - I was a boy then. Oscar & Cedric was boys there then I remember them.

We reached home by 4.42 P.M.

Shelburne, N. H.

1903
May 27
June 29

List of birds observed in Shelburne, New Hampshire, between May 27 and June 29, in the valley or on the adjacent slopes.

1. Anas obscura May 28^r Androscoogin River.
2. Botaurus lentiginosus June 10^h Clematis Brook 8.30 A.M. ^{Muddy Pond} 1.0^h 1. obliquity in ^{collum}
3. Actitis macularia May 28^{3rd 4th} River 29^h 31^h June 1^h 2^h 3^h 7^h 9^h 13^h 14^h 15^h 20^h 22^h 23^h 25^h 26^h ^{several} ^{1st specimen} All by the Androscoogin River.
4. Bonasa umbellus subsp.? June 5^r 8^r ^{6^h 7^h 8^h 9^h 10^h}
5. Buteo platypterus May 28^r ^{over mountains} June 8^r ^{woods, back to} ^{Swiss + Platteau}
6. Pandion haliaetus carolinensis May 29^r June 18^r ^{yellow} ^{of} ^{Acorn}
7. Dryobates villosus 5^r ^{1st spec. from} ^{of} ^{the} ^{Colt}
8. " p. medianus June 8^r 20^r ^{2nd spec. from} 26^h ^{collum}
9. Geophloeus pileatus May 28^r ^{flew over road, alighted in a pine} ^{and soon flew over the river.}
10. Ceolaptes a. luteus May 30^r June 5^h 8^h 9^h 11^h 13^h 14^h 16^h 18^h 20^h 22^h
11. Antrostomus vociferus May 28^h June 2^h 6^h 8^h 9^h 11^h
12. Chordeiles virginianus June 2^h
13. Celaenia pelagica May 27^h 28^h 29^h 30^h June 1^h 2^h 3^h 5^h 6^h 8^h 9^h 11^h 13^h 14^h 15^h 18^h 19^h 23^h
14. Tyrannus tyrannus May 28^h 29^h 31^h June 1^h 2^h 3^h 4^h 5^h 9^h 13^h 14^h 15^h 16^h 19^h 20^h 22^h 23^h 24^h 26^h 27^h
15. Myiarchus crinitus June 18^r ^{1 seen calling in} ^{white pines.} ^{23^h calling in woods} ^{back of Sweden cottage}
16. Jayus phoebe May 27^h ^{3rd spec. from} ^{Swiss cottage} ^{Spied by Phyllis + Ben} ^{large.} 28^h 29^h 30^h 31^h June 1^h 2^h 3^h 4^h 5^h 6^h 7^h 8^h 9^h 10^h 11^h 12^h 13^h 14^h 15^h 16^h 17^h 18^h 19^h 20^h 21^h 22^h 23^h 24^h 25^h 26^h 27^h 28^h 29^h 30^h 31^h
17. Coccyzus borealis June 7^h ^{1 seen} ^{calling} ⁱⁿ ^{Swiss} ^{cottage} ^{8^h 1st seen} ^{calling} ⁱⁿ ^{woods} ^{displaying} ^{white} ^{flank} ^{feathers.}
18. " riens June 1^h 5^h 7^h 8^h 18^h
19. Empidonax t. alvorum May 28^h June 7^h 8^h 9^h 11^h 16^h 17^h 19^h 20^h
20. " minimus May 30^h 31^h June 5^h 6^h 7^h 8^h 19^h 26^h
21. Cyanocitta cristata June 4^h
22. Corvus americanus May 27^h 28^h 29^h 30^h 31^h June 1^h 2^h 3^h 4^h 5^h 6^h 7^h 8^h 9^h 10^h 11^h 12^h 13^h 14^h 15^h 16^h 17^h 18^h 19^h 20^h 21^h 22^h 23^h 24^h 25^h 26^h 27^h 28^h 29^h 30^h 31^h

June 1^h 2^h 3^h 4^h 5^h 6^h 7^h 8^h 9^h 11^h 12^h 14^h 16^h 17^h 18^h ⁽²³⁾ ^{nothing} ^{on} ^{is} ^{sp} ^{seen} 20^h 21^h 22^h 23^h
24^h 25^h 26^h 27^h

1903

a = abundance

m. = whole's bud

i = in woods.

23. Dolichonyx oryzivorus May 27⁶ 28^{abundant*} 29^{abundant*} 30⁴ 31⁶ June 1⁶ 2¹⁰
3³ 4¹⁰ 5⁵ 6¹⁰ 7¹ 8⁴ 9¹² 10¹ 11¹ 12¹ 13¹ 14¹ 15¹ 16¹ 17¹ 18¹ 19¹ 20¹ 22¹ 25¹ 26¹ 27¹ 29¹
24. Agelaius phoeniceus May 28⁸ 29² 30⁸ June 9² 9² clamsi's bank 11⁸ Cook's off. 26⁸ times
25. Icterus galbula June 14¹ (seen on June 14¹ in his kitchen)
26. Carpodacus purpureus June 7⁸ 8⁸ 11⁸ 12⁸ 15⁸ 16⁸ 17⁸ 19⁸ 21⁸ 22⁸ 26⁸ 27⁸
27. Loxia c. minor June 11¹⁰ 12¹⁰ 13¹⁰ 14¹⁰ 15¹⁰ 23¹⁰ 24¹⁰
28. Astragalinus trichas May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 5⁸ 6⁸ 8⁹ 9⁸ 11⁸
12⁸ 13⁸ 14⁸ 15⁸ 16⁸ 17⁸ in his 19⁸ 20⁸ 21⁸ 22⁸ 26⁸ 27⁸ 28⁸
29. Poocetes gramineus May 29⁸ 30⁸ 31⁸ June 1⁹ 9¹¹ 12⁸ 17⁸ 18¹² 19⁵
20⁸ 23⁸ 25⁸ 26⁸ 27⁸ 28⁸
30. Anmodramus s. sarranus May 28⁸ 31⁸ June 1⁸ 2⁸ 5⁸ 7⁸ 9⁸ 10⁸ 12¹⁰
13¹⁰ 14¹⁰ 15¹⁰ 16¹⁰ 17¹⁰ 18¹⁰ 19¹⁰ 20¹⁰ 23¹⁰ 24¹⁰ 25¹⁰ 2 seen 26¹⁰ 2 seen 27¹⁰ 29⁸
31. Zonotrichia albicollis May 30⁸ 31⁸ June 5⁸ 7⁸ 9⁸ 18⁸ 19⁸ 26⁸
32. Spizella socialis May 27⁸ 28⁸ 29⁸ 30¹⁰ 31⁸ June 1⁸ 2⁸ 3⁸ 5⁸ 6⁸ 7⁸
8⁸ 9⁸ 11⁸ 12⁸ 14⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 21⁸ 22⁸ 23⁸ 24⁸ 25⁸ 26⁸ 27⁸ 28⁸ 2
33. Spizella pusilla June 3⁸ 11⁸
34. Junco hyemalis May 29³ 30⁴ June 7¹⁰ 8⁸ 11⁸ 13⁸ 17⁸ 18⁸ 19⁸ 22⁸ 23⁸ 25¹⁰ 28¹⁰ in his
35. Melospiza melodia May 27⁸ 28⁸ 29⁸ 30⁸ 31⁸ June 1⁸ 2⁸ 3⁸ 5⁸ 6⁸
7⁸ 8⁸ 9¹² 11⁸ 12¹⁰ 13¹⁰ 14⁸ 15⁸ 16⁸ 17⁸ 18⁸ 19⁸ 20⁸ 22⁸ 23⁸ 25⁸ 26⁸ 27⁸ 29⁸
36. Tamelonia ludoviciana June 7⁸ 8⁸ both times in woods by
both to Bows & Pitchers
37. Cyanospiza cyanea May 27⁸ 28⁸ 29⁸ 30⁸ June 1⁸ 2⁸ 6⁸ 9⁸ 17⁸ 18⁸
19⁸ 24⁸ 25⁸ 26⁸
38. Piranga erythromelas May 31⁸ woods on path to
Bows & Pitchers
39. Tirundo erythrogaster May 27²⁵ 28²⁵ 29³⁰ 30²⁵ 31²⁵ June 1²⁵ 2²⁵ 3¹² 4¹²
5¹² 6¹⁵ 7¹² 8⁸ 9¹² 11⁸ 12¹² 13¹⁰ 14¹⁰ 15¹⁰ 16¹⁷ 17¹⁰ 18²⁵ 19¹⁰ 20¹⁰ 21¹⁰ 22¹⁰ 23¹⁰ 24¹⁰ 25¹⁰ 26¹⁰ 27¹⁰ 28¹⁰ 29¹⁰
40. Tachycineta bicolor May 31⁸ June 2⁹ 18⁸ 8⁸ feeding young
in woodpecker's nest
41. Petrochelidon lunifrons June 1⁵ 2⁵ 3¹² 4⁷ 5⁸ 1 counted 35 nests under
house's eaves, and the air
was full of birds.
42. Riparia riparia 27¹² 28¹⁵ 29⁸ 30⁸ 31¹² June 1⁸ 2⁸ 3⁸ 6³ 7² 8³ 9⁶ 11⁸ 17⁸
18⁸ 19¹⁰ 20⁸ 22⁸ 23⁸ 25⁸ 26¹ 29¹
43. Ampelis cedrorum May 28⁸ 29⁸ 30⁸ June 3⁸ 6¹⁰ 7¹⁰ 19⁸ 20⁸ 24⁸ 27⁸

old bird feeding 299
23 among apple trees and
willows by roadside cottage. 24 ad 29 25 34 26

- 44. Lanius l. migrans June 2 ¹ over water and alighting in the willows near the barn. 20' above Philadelphia
- 45. Vireo olivaceus May 27* 28* 29* 30* 31* June 1* 2* 3* 5* 6* 7* 8* 9*
11* 17* 18* 19* 23* 24* 25* 26* 27*
- 46. Vireo gilvus June 16* near the house
- 47. " solitarius May 30* June 8* (seen) 9* 18*
- 48. Troglodytes aedon June 6'
- 49. Helminthophila rubricapilla May 27* 28* 29* 30* 31* June 2* 3* 5*
7* 8* 11* 18* 26*
- 50. Dendroica aestiva June 9 ^{13 days later in Clemons Brook} 1 seen ^{26* back}
- 51. " caerulea June 5* ⁵ north of ^{9'} Cabot
- 52. " coronata May 28* 30* 31* June 3* 6* 7* 8* 9* 22* 23*
- 53. " maculosa May 28* 29*
- 54. " pennsylvanica May 28* 29* 30* 31* June 3* 5* 6* 7* 8*
11* 17* 18* 19* 22* 23* 24* 25* 26* 27* 28*
- 55. " blackburniae May 30* 31* June 3* 6* 7* ^{8* seen} 8* 18*
- 56. " virens May 27* 28* 31* June 3* 5* 6* 7* 8* 23* 28*
- 57. " virgata May 27* 28* 30* June 1* 3* 7* 9* 10* ^{1 seen} 11* 18*
- 58. Seiurus aurocapillus May 27* 28* 29* 30* 31* June 1* 2* 5* 6* 7*
8* 9* 11* 13* 17* 18* 19* 23* 24* 25* 26* 27*
- 59. Geothlypis trichas , May 27* 28* 29* ¹ 31* June 1*
- 2' 3' 6* 8* 9* 18* 19* 22* 23* 24* 25* 26* 27* ^(seen) 29*
- 60. Setophaga ruticilla May 27* 28* 29* June 1* 2* 5* 6* 7* 8*
9* 11* 13* 14* 15* 16* 17* 18* 19* 20* 22* 25* 26* 27* 28*
- 61. Galeoscoptes carolinensis May 28* 29* 30* June 8* 9* 19* 20* 25* 26* 28*
- 62. Amorhiza hiemalis June 5* ^{deep woods} ¹ of Cabot
- 63. Sitta canadensis May 27* 30* 31* June 5* 6* 7* ¹ 8*
- 64. Parus atricapillus May 29* 31* June 1' 6' 7* 8* 18* 24* 25* 27*

65. Turdus fusciceps May 27¹* 28³* 29³* 30⁴* 31¹* June 3¹* 5¹* 6¹* 7²*
8²* 9⁶* 11³* 17²* 18³* 19²* 21²* 22¹* 23¹* 24¹* 25²* 26²* 27¹* 28²* 29¹* uly

66. " a. swainsoni June 5¹* 7²* 8³* 23¹*

67. " g. pallasii May 28¹* 30²* 31¹* June 5¹* 6²* 7²* 17¹* 18²*
19²* 21¹* 28²*

68. Merula migratoria May 27⁴* 28⁵* 29²* 30⁵* 31¹* June 1²* 2⁵* 3⁴* 4⁴*
5²* 6²* 7⁶* 8⁴* 9⁵* 11⁶* 12¹* 13²* 14¹* 15²* 16¹* 17¹* 18²* 19¹* 20²* 21¹* 22²* 23⁹*
24²* 25¹* 26²* 27²* 28¹* 29¹*

69. Sialia sialis May 27⁵* 28¹* 29²* ^{at 11:00} 30²* June 1¹* 2²* 3¹* 8²*
9¹* 12¹* 13¹* 14¹* 16¹* 17¹* 18¹* 22¹* 23²* 24¹* 25¹* 26¹* 27²* 28²* 29¹*

70. Ardea herodias June 19¹* at minute's

71. Passer domesticus June 19¹* @ R.R. Station

72. Comptosia a. usneae June 23¹* woods back of Southern College

Concord, Mass.

1903
Aug. 23

Clear, rather warm in the sun. Beautiful day
 Will Brewster, Sam Henshaw & I took the
 electric to Great Bedford this morning (Sunday)
 reaching there about 10. Gilbert was with us - We
 walked to the boat landing, and just after crossing
 the track, Gilbert & I see a Carolina Dove flying
 swiftly over our heads - We crossed the river in the
 boat. Whirligig-bugs () were numerous and
 I captured some in my butterfly net and got one alive
 to Cambridge and put him into Mill's pond. It is
 a true beetle and has eyes above and eyes below, so that
 it sees under water & above water. It has one pair of eyes
 divided. After landing we strolled about before dinner.
 He saw Dickcissel, Leopard, Green, & Wood Frogs and
 captured a Salamander (Plethodon erythronotus) which
 we examined and released. We found under a log
 a lot of Bombardier Beetles (Brachinus sp.). Non-
 derful creatures. On being discovered they speedily run
 in all directions shooting off, with a squeaking sound,
 their fluid from a sac behind. This immediately
 changes into a gas, and looks like a puff of
 smoke as it shoots out with a report. This is
 a protection against an enemy - We captured several.

Bombardier
Beetles

We dined in the old Cabin and were joined by
 Mr. Forbush who is taking charge on the place this
 summer - Then we walked to the Barnett
 Farm through the woods & fields - We heard and
 saw a Green Heron in the Her. & heard a Red-headed Hawk.
 This Her. a Marsh Hawk fly by - We examined the Pelitic
 Farm recently bought and drove to the Fitchburg Station taking
 the 5:24 train home leaving W.B. behind. Successful day.

Cambridge to Ipswich Mass.

1903
Aug. 29

Heavy clouds. Little rain. cool.

M. & I took the 3.30 P.M. train for Ipswich to spend Sunday with Dr. & Mrs. Townsend. Townsend met us on the train. Reached Ipswich about 4.30 where we met Mrs. Townsend at the station - We all drove to the house, three and a half miles toward the sea. The clouds were very heavy, but it didn't rain. Townsend owns twelve acres. His house stands on the top of an elevation facing north. East & South stretch the extensive marshes of Castle Neck River beyond which on the east extend the famous Dunes, the banks of white sand visible from the house with glimpses of the sea, while to the west over the marshes rises a fine drumlin, Hog Island by which Castle Neck & Essex Rivers empty into the sea. It is a glorious view. Townsend has planted out a good many trees that are doing very well. He has a small barn and hen yard with vegetable garden. There are four children Gertrude, the oldest about nine, Margaret, Francis & Charles the youngest. All were at home but Margaret. Gertrude takes care of the pony, Stella, and of the hen. Dr. T. L. Zooker lives opposite and Dr. Richardson & Taylor have houses on the hill near by. A broad piazza runs round two sides of the house. The living room runs the length of the house. In the ^{center} is a large brick chimney with fireplace on each side. A narrow way on either side of the chimney joins the two parts. It rained in the evening. We sat about the open fire, popped corn, examined the map and talked. Dr. & Mrs. Taylor and Dr. & Mrs. Towle called. We planned for a tramp to the Dunes tomorrow. At dusk we heard Summer Yellow-bills calling on the marsh.

Upswich, Mass.

1903
Aug. 30

Sunday - North-easterly storm with high wind, rain held up during the middle of the day.

After breakfast Tom and I took me over the place and showed me his barn, pump, bean garden, and the trees he had been planting. The land slopes down to the salt marsh and a boat house stands on the edge of the stream whence they sail to bath. The rain continuing I was clad in an oil-skin suit, heavy rubber shoes with wadded stockings, and broad brimmed southerner. Tom lend put on his oil skin and off we tramped for the beach and the dunes. It was great sport. We walked down the road nearly two miles before turning in to the dunes and over the white sand to the lighthouse. As we walked along by the low scrub, we started a fine large female Ring-necked Plover. She first started and dropped quickly into the bushes before I saw her. Then we both ran toward the place and at about ten yards she rose and sailed off straight away from us some distance. We went straight to the beach past the lighthouse. The tide was low and an immense expanse of sand was uncovered stretching an interminable distance in either direction. Though the rain beat in our faces we could see across the water to the shores of Cape Ann with the waves breaking widely off shore and over the bar at the mouth of Upswich River. On the bar we could see and make out a mass of seals grouped near the water. It was a wild sight.

Ypswich, Mass.

1903

Aug. 30

(2)

As we walked along the beach, the rain stopped and held up till we reached ^{the house,} though the heavy clouds hung low and it rained hard later. Though we did not see very many birds in number, still I was much gratified to add some birds that I had not observed before. They were a Bonaparte's Sandpiper, a Black Tern and a flock of 5 Caspian Terns. The Sandpiper Bonaparte's flew close by us and Townsend who has often seen them readily recognized it as he did also the Black Tern, its small size and peculiar Black tern markings rendering it easily identified.

Townsend had before me to walk farther along the beach, while I stopped to rest. As I was standing alone there flew over my head very low down a flock of five Terns. They were very large, apparently twice the size of a Wilson's and I saw the roseate bills distinctly - they were calling ca-ca, ca-ca, ca-ca continually. A little later when Townsend joined me we saw a single Caspian. He has shot one here - so we recorded six Caspian Terns - We saw also Herring Gulls, Glaucous-winged, Semipalmated Sandpiper and Ring-necked Plover, a Black-bellied Plover, while large numbers of Tree Swallows were continually flying about low over the beach and the waves.

Turning away from the water finally we struck straight into the Dunes and entered a remarkable region - The country is very rolling the white sand having drifted into every conceivable shape, elevations alternating with

Npswich, Mass.

1903

Aug. 30

(3)

depressions. These depressions are of various sizes called "Amphitheatres",* some of them circular in shape, the sand sweeping in beautiful curves the sides sometimes forty or fifty feet high. Vegetation clothes the large part of the dunes and here and there the sand is burrowing up the trees. We saw a grove of pitch pine about half buried, the cone-bearing branches close to the sand. In another place, a long buried pitch pine forest is emerging again, the sand drifting away to another locality. The principal vegetation seems to be Pitch Pine, Red Cedar, Gray Birch, Cyprip, Bayberry, Sweet Gale, Sweet Fern, Alder with small shrubs and herbaceous plants. Cranberries cover an immense area and were fruiting profusely. Dr. Townsend says there are two Crows, one Red Bush, one Hemlock. In the lower portions of depressions where sandpools occur there is a fine growth of small plants.

* See note
under
Aug. 31/1903

Hudsonia tomentosa is very abundant. In one place we saw a cloud of Tree Swallows hovering over the Bayberry bushes. They feed on the berries. At times the flock would rise and we estimated that there must have been at least two thousand birds. They looked like a swarm of bees. It was a pretty long tramp covering at least six miles. We reached home at 2.30 ate a late dinner and I was glad to lie down for an hour and enjoy a good rest.

Ypswich, Mass.

1903

Aug. 30

(4)

In the evening, Goodale + wife came to tea to celebrate their 7th wedding and later neighbors dropped in and bought articles in tea, and we had a very merry time.

List of birds observed in Ypswich to-day between the house and the beach:—

Larus argentatus 100 to 200 at the beach

Sterna caspia ♂ V low overhead * 1 ♀ alone. It joined some Wilson's terns among which its large size was apparent.

Sterna hirundo about 100 fishing off shore

Hydrochelidon nigricans surinamensis 1 V on the beach.

Circus pusillus 25 or 30 on the beach

Tringa fuscicollis 1 V very conspicuous.

Colaptes auratus 25 on beach

Cephalotis semipalmata 5 or 6 on beach

Squatula squatarola 1 on beach. Shown; black breast

Therianus vagans 1 ♀ flushed in the dunes.

Circus hudsonius 1 ♀ ad. soaring over marshes.

Colaptes auratus luteus 2 or 3

Corvus americanus 5 or 6 on beach.

Dolichonyx oryzivorus calling in field

Passer domesticus 20 or 30 roadside

Astragalinus trichotis numerous *

Foecetes praeaeus 5 or 6

Ammodramus s. savanna 2 or 3

" caudacutus 3 or 4, marsh.

Spizella socialis several

Melospiza melodia 2 or 3

Chelidon erythrogaster 5 or 6

Tachycineta bicolor abundant ♀s on the beach + some low down.

a flock of at least 2000 Lovers, over Bayberry, in dunes.

Riparia riparia 2 or 3

Merula migratoria few

Duck a flock of

about a dozen flew over the water.

They were probably

Coot of some sp.

25 species

71
Ipswich to Cambridge, Mass.

1903

Aug. 31

The storm raged all last night. We were up at six o'clock and down to breakfast at seven. Dr. Townsend drove with us to the station where we took the 8.10 train for Boston. We had a most delightful visit and our kind host and hostess could not have given us a more delightful time. We reached home by quarter of ten. Ruthven is here - I called on him this evening at the other house. He returns to Chicago to-morrow morning -

"Amphitheatres" - "By amphitheatres I mean the large spaces between curving dunes seen only further south in the Ipswich dunes. What I called your attention to Sunday were the pits which work down wind by scouring out on one side & filling in on the other"

C. W. Townsend in Litt. Sept. 22, 1911.

We visited Dr. Townsend on Sept 16-18, 1911 (see Journal) and, owing to the bad weather, went but a short way in the dunes from the northern extremity. We did not go even as far as the light -

Cambridge Mass. to Wells, Maine

1903
Sept. 14

Monday, very warm -

- Mr. & I took the 4.15 P.M. train for Wells to make a week's visit to our cousin's at the Elms. We had a good run down reaching the end of our journey exactly on time, 6.52, but it was awfully hot all the way especially after the cool weather preceding. Mr. Goodwin met us at the station and drove us up to the house. The air was so cool that I put on my overcoat. A hearty welcome awaited us. There are now at the house Robert & Ellen Lud, Mrs. Grace C. and Dr. Palmer, a lady physician. After tea we enjoyed the evening talking in the sitting room and retired early. Best one of our trunks was put off at the Elms -

The Elms, Maine

1903
Sept 15

Clear, warm, with fresh sea breeze -
I have been rather quiet, resting to-day.
Rob took us this morning over the new
barn and showed us every detail. It is a
fine structure, admirably adapted to the uses
intended for it. The horses and the Guernsey
cattle are well housed and the mow are
filled with hay. In the old duck pond are
a flock of Brazil ducks, with white plu-
mage and red bases of the bills. Later in
the morning we drove over Colis Hill for an
hour or so.

This P.M. I strolled over the meadow by
the house. Rapae and phitodrye were very
abundant. I took one very small butterfly
that is probably a clouded fulplum - I shall
know later. Got 4 o'clock. Ellen, Dr.
Palmer & I drove with Mr. Goodwin to
Kennebunk. Air cool and pleasant -
We drove through the town, returning home
by six o'clock -

Birds very few. I observed to-day :-
Ceryle alcyon 1st.
Colaptes c. luteus 3rd.
Corvus americanus 12.
Contopus tristis abundant, heard constantly. Saw some.
Passer domesticus about a dozen by the barn.
Proccetes gramineus one seen.
Spizella socialis abundant on the lawn and elsewhere.
Litta ~~caudata~~ ^{caudata} one.
Sialia sialis abundant, saw a dozen or more.

The Elms, Maine

1903

Sept 16

Clear cool day. Fog drifting in from the sea in the P.M.

Not having been very well last night I stayed in bed this morning, getting up and going down to dinner at half past one.

We spent some time after dinner in the study looking over photos illustrating Rob's & Ella's foreign trips last year.

I rested in my room afterwards.

Birds observed to-day

Corvus americanus heard

Astragalinus castris "

Passer domesticus 3 or 4

Spizella monticola Saw 1 by the house

Melospiza georgiana

The Elms, Miami

1903

Sept. 17

Mild, very windy from the south east, sun alternating with cloud and rain.

This morning I staid near the house, reading, the weather being threatening. Dr. Palmer left about 10 o'clock. Later I walked out to the summer house where I enjoyed the vast stretch of ocean and marsh with the Gulls clustered in a snow white mass on the sand at the mouth of Little River. I returned to dinner. The truth is I have not felt quite right since I have been here and I must be careful. At half past three this afternoon Ella & I with Mr. Swain drove down to the beach and went over the whole length of it twice. We got pretty near the Gulls. I counted about 30 Blackbacks. Sandpeeps were the only sandpeeps on the beach. An occasional ^{seal} thrust his head and often half his body above the breaker close in shore. It began to rain soon after our return. Birds to-day:-

Larus argentatus about 200 mouth of Little River

" *marinus* " 30 " " " "

Sterna sp. probably *hirundo* 15 along beach.

Calidris arenaria about 75 in small flocks on beach.

Tringa maculata 3 ^{sand} flats by salt marsh.

Ardea herodias 2 in salt marsh.

Colaptes c. luteus 2

Corvus americanus 6 on beach

Astragalinus tristis hd. constantly

Passer domesticus a few

Melospiza fasciata about 6. *Procellosus grammurus* numerous
sand 7 and 8.

The Elms, Maine

1903
Sept. 18

Clear with light clouds, quite high wind, mild.

This morning I walked down to the mouth of Little River and enjoyed the view over the marshes. I saw a fine brown Marsh Hawk, a Sharp-shinned Hawk and a large Cooper's Hawk and heard a Red-shouldered screaming. The Sumpshrike is bright red now and the marsh grasses and reeds are a beautiful russet. Returning to the house I got my camera and exposed a plate from the little summer house back of the house. Ella then walked with me to the marsh again and I took three connecting views of the big marsh & Little River. We saw a Sharp-shin alight on a post and tear to pieces some creature that he had caught. We also saw three Kingfishers at one time.

This afternoon I took half a dozen pictures near the house and on the point by the summer house - No. 9 went to the barn at 4.20 to see the Guernseys come in. Each cow knows her own place and goes O.K.

For some days past the men find in the early morning & travel in the gutter back of the cows and on the floor nearly insect a number of crawling caterpillars with long tails, some (Eristalis) times two hundred at once. They are brushed back into the hole underneath but return each morning. The numbers are lessening now. I have some in alcohol to study.

(Tenax probably S. Henshaw Sept. 21/03)

This noon the boys caught a mouse on the marsh, light belly, upper parts and feet legs dark brown, feet black, body 2.7, tail 1.2 in.

Said to day: *Larus argentatus*, *L. marinus* with former - *Circus hudsonius* 1 ♀; *Buteo lineatus* 1 ♀
Accipiter velox 3; *A. cooperii* 1; *Colaptes a. luteus* 1; *Corvus americanus*, 30 in flocks of 12 or less; *Astragalinus tristis* 1 ♀; *Passer domesticus* 4 or 5; *Poocetes gramineus* 5; *Spizella pinus* 1 ♀; *Sialia sialis* 1 ♀. *Galusgallus carolinensis* 1 ♀
Pigeon colony 1 ♀

The Elms, Maine

1903
Sept. 19

Clear, calm, very cool, an ideal day -

This morning Rob and I spent some time photographing "Safety". The Guernsey bull. He was led out into the yard and I exposed two plates. Then we took some snaps of him. Later we walked over the fields in front of the house and I took a picture of Luaver, granddaughter of old "Quarty" and niece of Quarty 4th. I photographed the head of the latter as she was lying in the grass. Then I snapped at some sheep.

This afternoon I read a little "The Pic", and then walked over the golf links with Rob & E. The air was wonderfully clear and the ocean was a deep blue -

Birds to-day

Gull ^{Herring} like a sand bank at mouth of river.

~~North-bank~~ ^{with above} Great Blue Heron. one ∇ over marsh & alighting in river

Flicker. saw one, heard two.

Crows - several.

Goldfinch - heard several -

House Sparrow. a few.

Gray Finch - one or two.

White-breasted Nuthatch - one flying about the house & calling

Chickadee. one

Song Sparrow. heard

King Fisher "

The Elms, Maine

1903
Sept. 20

cool, clear and cloudy, a fine day, glorious sunsets.

This morning Rob and I walked over to the boathouse and Rob rowed me up the river nearly to the mill. The tide was up and the views were very attractive. as the eye ranged over the salt marshes. Twice we started up a Great Blue Heron and once I saw a Kingfisher drop with a big splash into the water and fly up with a fish in its big bill. One of the Brazilian Ducks that Rob has here fled over to the river in the Spring and has lived ever since at a certain bend in the river, allowing no one to approach. We found her to-day and followed her for some time, and could have caught her if we had had a net with a handle. Rob will try again.

The foliage is turning rapidly now and the fall is upon us. Returning home we took a drive (Aunt, Ella, Rob & I) to the beach, Tide about 1/2. Gulls were flying up & down and we saw the immense flocks of Little Plover rise and soar. A flock of at least seventy five Sanderlings flew by and I saw three Loons, one an adult in fine plumage, on the water. We drove along the beach and took the road from Drake's Island. I visited the Sassafras trees that I have seen before. They are in a small wood a few rods from the road. There are two thirty trees, about three or four feet apart and each about thirty five feet high. The trunks measure

1903

Sept 20
(2)

respectively, 5 feet up, 1 ft. $3\frac{1}{4}$ + 1 ft. $7\frac{1}{4}$ in. round. Close by are three young seedlings, one to three feet high. I took some specimens from these small plants - After reaching home, I took a few snaps about the place.

This afternoon we put our things together for our departure and then I went out into the barn and visited the cows and Safety, the bull. I called on Mrs. Taylor and saw her daughter Toy, who teaches the little school here.

We saw a Gray Squirrel in the woods near the boat house this morning. Rob says that it is the first one he has ever seen here, though Mr. Taylor has seen the species here.

Birds observed to-day: -

Gavia immer 3 off the beach, one an adult in full plumage

Larus argentatus immense flock off the river

" marinus numerous with above.

Botaurus lentiginosus one road by Decker's Island.

Calidris arenaria about 75 in flock on beach.

Ceryle alcyon 3 or 4 by river. Saw one catch a fish. one at the D-ill

Ardea herodias started two

Lagomys phaeopus one

Colaptes c. luteus "

Corvus americanus a few

Agelaius phoeniceus two by river

Spizella socialis twenty or more

Podiceps gramineus one

Melospiza fasciata "

Passer domesticus few

Dendroica coronata one

Parus atricapillus 1*

Merula migratoria 5

Psaltria scialis 4 or 5

Cyanocitta cristata 2*

The Elm, Maine to Cambridge, Mass

1903

Sept 21

cloudy, cold, air clear.

We were up betimes this morning and breakfasted early. Mr. Goodwin drove up to the station and Rob accompanied us. I heard Crows cawing, Goldfinches singing and Jays screaming. We boarded the train at four minutes of eight and had a quick pleasant run to Boston reaching there at just 10.15 Am. We reached home shortly after eleven o'clock.

I weighed this morning on two separate scales exactly one hundred and sixty eight pounds (168 lbs.) ordinary dress.

Eristalis sp. doubtless tenax.

1903

Sept 24

Through Mr. Sam Henshaw I have learned the name of the larvae collected in the cow barn at The Elms Farm, The Elms, Maine on September 18 and 20, 1903. The genus is Eristalis and the species doubtless tenax. For absolute specific determination the imago is necessary. The insect is one of the Diptera. The larva is brown, has no legs and the long tail is the breathing apparatus, being hollow and open at the end which is furnished with a tuft of hairs. The larva is hatched in manure and the like and feeds upon it, burying itself in it and leaving the end of the tube open to the air to breathe through. When the larva is ready to pupate, it draws in its tail and the outside of the insect hardens and it becomes a pupa. From this it emerged a Fly as large as a big Honey Bee and somewhat resembling a bee. It is black and yellow and harmless, being seen about Chrysanthemums where it feeds on plants lice. Although the Fly is commonly seen, the larvae are not generally observed, probably because the eggs are laid in out-of-the-way places. Chickens eat the larvae greedily. Probably the larvae were seeking a place to pupate when they were found every morning on the floor in the cow barn. They crawled up from below. The larva is called the Rat-tailed Larva and the Fly, the Common Drone Fly or Syrphus Fly (Family Syrphidae). There are eight or ten species of Eristalis in New England. See Our Insect Friends and Foes, Belle S. Craig, New York & London, 1899, 286-287.

The Elms, Wells, Maine

1908

Sept. 15-21

List of birds observed at The Elms, Maine between September 15 and 21. They were very scarce and I could not observe as much as usual:—

Gavia imber 20³ off beach, one an adult in fine plumage.

Larus marinus 17 ^{about 30, mouth} of Little River 18 ^{idem} 19 ^{idem} 20 ^{idem}

" *argentatus* 17 ^{about 200, mouth} of Little River 18 ^{idem} 19 ^{idem} 20 ^{idem}

Sterna (*hirundo*?) 17¹ off beach

Botaurus lentiginosus 20¹ road to Drake Island.

Ardea herodias 17² 19⁴ 20² all near Little River.

Tringa maculata 17³ sand flats mouth of Little River

Calidris arenaria 17 ^{75 in small flocks} on beach 20 ⁽⁷⁵⁾ on beach

Circus hudsonius 18²

Accipiter velox 18²

" *cooperii* 18¹

Buteo lineatus 18¹

Ceryle alcyon 15^{hd} 18¹ 19^{hd} 20 ^{3 or 4, 3 or 4 one} each in fish — all at Little River. 20¹ ^{at the} bike

Colaptes a. luteus 15^{2nd} 17² 18¹ 19¹ 20¹

Sayornis phoebe 20¹

Cyanocitta cristata 20² 21²

Corvus americanus 15¹² 16^{hd} 17⁶ ^{on} beach 18³⁰ 19^{several} 20^{hd} 21^{hd}

Agelaius phoeniceus 20² ^{by river}

Passer domesticus about 12 about the barn during the week

Astragalinus tristis 15^{abundant} 16^{hd} 17^{abund} 18^{hd} 19^{several} 21^{hd}

Poocetes gramineus 15¹ 17^{7m} 18⁵ 19² 20¹

Spizella monticola 16¹

" *socialis* 15^{abund} 20^{2 or more}

Sitta carolinensis 15^{hd} 19^{1 seen} about the house

Melospiza c. fasciata 17⁶ 19^{hd} 20¹

Parus atricapillus 19¹ 20¹

Dendroica coronata 20¹

Merula migratoria 20⁵

Geothlypis t. trichodytes 18¹

Sialia sialis 15^{12 n} ^{max} 18^{hd} 20^{4 n 5}

Galeoscoptes carolinensis 18^{hd} by marsh in woods

— 31 species —

Cambridge to Andover, Mass.

1903
Oct. 14

Clear, cool, brilliant day after the long storm. Since our visit to The Elms, Mr. we have been in Cambridge. Part of the time I worked in the Museum. - To-day we came here for a little rest. We took the 10.45 A.M. train at the North Station and reached Andover by 11.26. The Station is in the valley of the Shawshoen River. From there we drove up to the town up a steep road and then on till we reached an elevation of 250ft above the river when we found ourselves in front of the spacious grounds of Phillips Academy and the famous Theological Seminary. We drove up at The Phillips Inn where I had previously engaged a room. - It is a very attractive building, the original part being of stone. In this part is one room on the second floor, up one flight in the south-east corner. The house faces nearly south. We overlook the Academy grounds and also an expanse of field and wood with a small lake near by. The Inn consists of the old stone part and a large wooden addition. In the parlour is posted the following notice:-

"The "Stone House" built in 1828 was first used as a carpenter's shop by the Theological Students; then as the residence of Prof. and Mrs. Stowe [Harriet Beecher Stowe] from 1853 to 1864.

Called the "Mansion House" from 1887 to September, 1902.
Renamed "The Phillips Inn" in memory of the founders of the Institution upon the Hill!"

Cambridge to Andover, Mass.

1903
Oct. 14
(2)

I strolled about a little near the house before lunch. There is a fine view to the north and north-west including the city of Lawrence. The small cemetery near by contains the graves of a number of distinguished men connected with the Academy. The theological buildings are close by. They consist of three plain old buildings of red brick. They have a corps of fine instructors and about ~~twenty~~ students!!

After lunch we wandered over to the Academy's Football foot-ball field and saw a good game between Phillips Exeter and the boys and the Tufts College teams. They have a fine field. The boys seemed to turn out in large force and there were a good many ladies present. I was surprised at the strong playing of the home team against the big college boys. Andover won by a score of 15 to 5. This is two touchdowns, with no goal kicked, and a very pretty goal from the field, against one touch-down. Good leaders kept the boys cheering various cheers all through the game.

We got home in time to rest a little before dinner which we had at 6.30.

We have spent the evening, quietly in one room. We have hot air radiators and electric lights.

English Sparrows in small numbers I saw to-day about the place and I also saw a flock of five Crows flying east.

Andover, Mass.

1903
Oct. 15

Clear, cool, calm, an ideal day -

This morning we spent walking about on the hill through the Theological grounds and by the various buildings, belonging to the Academy.

I exposed a number of plates - The buildings of Phillips Academy are ranged along the west side of the main road and also to the south of the Theological grounds - The boys room in dormitories and also in private houses. We went

into the Archaeological Building and saw a fine Archaeological collection of relics of Indian mounds and the like. Blogs-

Then we went over to the burial ground behind the Theological Blogs where we found the mon- Monument to ment erected to Harriet Beecher Stowe. Harriet B. Stowe It is of polished, brownish granite and bears the inscription,

"A tribute of loving remembrance erected by her children - 1811 Harriet Beecher Stowe 1896. Her children rise up and call her blessed". In front on the left is a small granite monument inscribed, "Calvin Ellis Stowe. Born April 26, 1802. Died August 22, 1887. The common people heard him gladly - Mark - XII, 37".

In front on the right is a small white marble cross, inscribed "TA ΠΑΝΤΑ ΧΡΙΣΤΟΣ". Henry E. B. Stowe, drowned in the Connecticut River while a member of Dartmouth College, July 9, 1857, aged 19".

After dinner we walked down to the town center through some pretty streets and did a little shopping. Everything seemed neat and attractive. We visited Memorial Hall and

Audover, Mass.

1903

Oct. 15

(2)

were well repaired - A large gift was made to the town and this in connection with money raised by the town caused the erection of the red brick building. It takes the place of a soldier's monument - A public library is established there and there is a large collection of pictures and relics relating to our wars. The building also contains the John Cornell Legacy Art Collection, a series of very fine photographs of famous works. - From here we walked home up the main road.

This evening, we had a call from Mrs. Theodore C. Dease, mother of Arthur Stanley Dease, my botanical friend - She was exceedingly pleasant and told us a good deal about her son and also about the Academy. Her husband, when living, was connected with the Theological School and she had her four Academy boys in her house which is on the main road opposite the Theological Library. The house next to hers one of the Seminary buildings (there are some buildings of the Theological School on Academy grounds) was the home of Elizabeth Stuart Phelps. Mrs. Dease invited us to dinner next Sunday when her son will be here. I accompanied her home later.

Birds today: -

Chickadee Heard two or three

Robin Saw one

House Sparrow. A few -

Andover, Mass.

1903
Oct. 16

cloudy, cool, calm, with occasional glimpses of the sun.

M. & I walked down to the railroad station this morning - M. took the 9.33 train for Boston. I then walked over the Shawshen River and followed the road down stream crossing the river again and keeping on the main road to Hyde Village along the stream. The country is very pretty. I took the electric back to the top of the hill and walked around the new ball field and back home. M. arrived at 1.30.

This P.M. we took the electric to Lawrence. It is a straight run north across the Merrimac River where there is a pretty view of the falls made by the dam. The car ran through Essex St. and skirted the city, stopping on the east side - We walked about for half an hour and saw that we were on the edge of the open country not far from Methuen. We returned in the same way and rested before dinner. We have made the acquaintance of Mr. & Mrs. Adams of the Kensington Boston. E. F. Williams' brother married Mr. Adams' sister. We have had many very pleasant talks.

- Blue Jay - 2 or 3 screaming near the river.
- ~~House Sparrows~~ - a number in different places.
- King " - 1 by river
- White-breasted Nuthatch * a number of times by the Inn.
- Chickadee - heard once or twice
- Bluebird , several times - saw two,

Birds to day in Andover
* like B. Lincoln

Andover, Mass.

1903

Oct. 17

Cloudy morning, thunderstorm and heavy rain all the afternoon -

We kept quietly at home to-day, mostly in our room. I felt rather tired and read a good deal of the time. We made a call in the late afternoon on Mrs. Pease and found Arthur Stanley Pease at home. We had a most pleasant time. This evening we sat in the parlor and talked with Mr. Mrs. Adams for some time.

Birds to-day

Blue bird hd.

Crow hd.

Andover, Mass.

1903
Oct. 18

Along, breakin, with bright sun in Am. clear
 very windy and cold, brilliant 2nd Sun. Sunday.
 After breakfast I walked across the campus
 to the Peases. Mr. Reese and I took a walk
 down Phillips St. where he showed me the old bed
 of the Boston + Maine R.R. where the tracks ran
 straight to North Andover before Lawrence was.
 It is a very beautiful walk with a row of
 white pines on either side. This road bed can
 be followed a long distance. Then we all went
 to church in the chapel opposite the Inn. It
 was interesting to see the Academy boys, and
 hear them sing. Prof. Day, President of the
 Theological School officiated. After church
 Mr. Reese & I took another walk through the
 cemetery and round by Missionary Hall,
 through a pretty country. Saw Copelandsia
thelypteroides - He returned to Mr. Reese's and
 inspected his grounds. M. joined us and we dined
 there. After dinner Mr. P. & I went to his room
 in the third story where we examined plants.
 We all went to chapel again in the afternoon
 Mrs. Reese gave us a memorial volume to her hus-
 band, who was appointed Professor at the Theol. School
 here in 1893, but died two months after his inauguration.
 From the Cemetery this A.M. I was shown the Southern
 Kearsarge, the two Paekle Monodocks, &c.

Birds to-day:-
 Blue Jay one.
 Downy Woodpecker one.

Andover, Mass.

1903
Oct. 19Cloudy morning, cold, mercury 44° at 8 o'clock.

Sunny afternoon with clouds, air clear, calm.

This morning we walked over to the Brechin Brechin Library of the Seminary and were given very kind attention first by Miss Seave and then by Mr. Wm. L. Ropes, the Librarian. They both of them knew of father. The literary treasures are boundless and priceless. We were shown many: - two copies of Eliot's Indian Bible, some of the great Polyglots, reproductions of famous MSS., scrolls of soft leather containing the books of Genesis and Exodus in Hebrew. We saw an immense stone slab brought from Nineveh. It contains the figure of one of the early Kings engraved on it and a history of his reign and dates back between eight and nine hundred centuries before Christ. One room contains objects of Natural History all from the Holy Land, metal altars of unknown antiquity, mounted birds, and mammals, &c. There were many portraits of the early founders, donors, &c. We enjoyed it all very much.

From the Library we walked down Phillips St. and repeated the stroll that Mr. Seave & I took yesterday morning through the pines on the old S + M. road. Then home to dinner.

This afternoon we took the electric trolley to Reading, taking the car at the corner of Chapel Reading Ave. Main St. - It was a very pleasant trip throughout. The road runs almost due south through a very pretty stretch

Andover, Mass.

1908

Oct. 19 of country rather heavily wooded and interspersed
 (2) at intervals with houses. The brilliancy of the foliage, especially of the maples, has gone, but the country is all deeply colored with rich russet brown from the oaks and beeches, deep yellow from the poplars, maples and ashes, and beeches, while the low shrubs scattered over the fields yield a variety rich color. The elms are dropping their leaves very fast. We went through North Reading and crossed the Ipswich River, a very small stream at this point. The car goes at a break-neck speed along this course - We were just a half-an-hour reaching Reading, a distance of nine miles. We stayed in the car and in another half hour were back again.

We called on Mrs. Reese and invited her to drive to-morrow morning. Returning over the Campus we went into Bartlet Chapel, designed by Bulfinch and completed in 1818 and visited the "Chapel" in it, and also Lecture Room A both on the ground floor. A good deal of history clusters about all these buildings and rooms -

I must not omit one thing that we saw in the Library. Copy of a framed copy (autograph signed) of the tune "America". This copy was written by Rev. Smith, the author, in 1895 in by the author his 87th year and just before his death. He composed the tune in Andover in the "America House" in Main St.

also 1832, when he was a student here at the Seminary.
 5 many woodpecker - one.
 7 ticks one
 Honey Sucker - several
 Chickadee. one

Audover, Mass.

1903
Oct 20

Cloudy and sunny, very windy, air balmy.

This morning I took a carriage and driver and took Mrs. Reese and a lady whom she asked, to drive - We had a very pleasant time indeed. First we drove about the town and then went to North Audover, observing many places of interest on the way - The country in North Audover is very rolling and hilly, affording most delightful outlooks. The large pond or lake in the northern part of the town is an important addition to the natural beauties. We drove to the top of Mills Hill and had a very superb view in every direction, including the sea to the east, Danvers Asylum, Mt Wachusett, Monadnock (not visible to-day) the two Peak Monadnocks, &c, &c - We returned a little after twelve -

After dinner I called on Prof. E. Smyth and enjoyed a conversation with him extremely. Then Mr. & I called on Mr. & Mrs. Edwin Reed and I found Mr. Reed entirely wrapped up in his Bacon vs. Shakespeare work. He has published three different works on the subject and is now getting ready for press the eighth edition of one of them. We called on Mr. & Mrs. John K. Brewster, but they were not in. A call on Mrs. Frederick Palmer resulted in the same way.

We decided this morning to return home to-day and after dinner we took the 7.15 train, reaching Boston at 8.06 and home about 9 -

Arlington Heights, Mass.

1903
Nov. 8

Bright sunny cool day, sun in the fields.

Mr. Sam Henshaw + I took the cars to Robbins Spinn Hotel this morning and walked over the Heights in the fields and roads, through Marsh St and on to Waverley where we took the cars back to dinner. We went to see the Pine Grosbeaks that are abundant now but we were unfortunate in not finding a single one, though they have been on the Heights and about Marsh St. for some time.

However we had a very pleasant walk and saw a number of birds - Robins were very abundant as well as Fox Sparrows and a large flock of Pine Siskins flew over our head.

We listed the following birds: -

- Colaptes auratus luteus two
- Cornus americana heard a few
- Passer domesticus abundant by houses + in fields
- Loxia c. minor very abundant, flocks of 10, 15 or 20 constantly seen - they were continually flying overhead chirping.
- Chrysomitris tristis one -
- Spizus pinus a flock of about thirty flying over singing
- Zonotrichia albicollis one, probably more.
- Junco hyemalis abundant on the Heights.
- Melospiza c. melodia a few by roadsides
- Passerella iliaca, abundant constantly seen, singing some.
- Setta carolinensis, heard one in Lower Reservation
- Parus atricapillus seen a few.
- Merula migratoria, extremely abundant, one flock feeding in a field consisted of at least one hundred birds. Everywhere.
- Cyanocitta cristata, five to ten.

Cambridge, Mass.

1903
Nov. 22

Cloudy, chilly, a little sun at noon, melting soon. Mercury at 8 Am. 24°.

George & I walked round Fresh Pond this morning. The mist over the pond made a very pretty effect as we circled round on the driveway. A flock of about 410 Herring Gulls by actual count were sitting on the pond, and were busily engaged in preening their feathers and splashing about in the water. A flock of nine Black Ducks sailed over the pond on set wings and after circling round over the Gulls, alighted with a splash near them.

Particularly interesting to me were a flock of Fulica or seven Mud-hens (Fulica americana) on the west Fresh Pond side of the Pond. They have been there a number of days, I am told, they feed by "tipping up" close in to shore and at one's approach swim out, approaching the shore farther away. Their white bills are very conspicuous a quite a distance. We watched them for half an hour. With them were three Ducks. I was able to

diagnose one of them, for I saw their clearly. Head and neck rufous red, top of head dark, body very light, under parts not seen, culmen & head in straight line

Aythya vallisneria



in the water and was a large bird. I found well the shape of the Red head A. americana.



On our return I looked up these species at the Museum and the bird certainly seems to be A. vallisneria.

Cambridge, Mass.

1908

Dec.

Record of Temperature for a few December days.

Min. = previous night.

	Am.	Min.	Max.		Max.
27	8.	3.	1-	10.30	20.
28	7.30	16.	15.		
29	"	4.	3.		
30	"	13.	4.		
31	"	14.	12.		

EDWARD L. RAND,
740 EXCHANGE BUILDING,
53 STATE STREET.

BOSTON, ... Feb 13 ... 1905

Dear Deane,

I pass the enclosed effusions on
to you for your edification. I know you always
enjoy the wise and witty writings of our friend.

I am looking forward to seeing you at
the head of the table on the 25th. I suppose
we shall have a regular Cat dinner!

Sincerely,
E. L. R.

If all your lady friends who write
You letters should this day unite
And each declare that she was there
And claim to be your valentine,
I pity you, -
What would you do?

Feb. 14

[Notice of Club meeting - By E.L.K. (Rev.)]

Come Walter Deane the well beloved
And join us rough rude men
Although if we were ladies nice
You'd like us better than

Sept 103

One of my dearest one club to attend in Council
Meeting at E.F. Williams place as always
With a supper W.D.

I am glad you can attend.

Great William conscientious Deane both leave,
Not greater Williams will our friends receive.
If play is lost for work it will be direct
At close of work to have far more to eat.

E.L.K.

March 17 [1903]

Mr. Raw could not come to my dinner

Lo, I must fast while other's feast
Because we changed our day.
Oh, think of me, your lost and least,
Who sadly stays away.

E.L.K.

Feb. 20th /03

I know the birds, the birds know me
Just stamp me if you can.

They come around me when I call
For I'm the "Grand Old Man"



Brewster

26750

I really am awfully smart

I rhyme in my sleep every night.

At the "The Poem" I laugh and I jest
~~of who was~~
~~the best~~ ~~can~~ be had so bright?
Can any one

52

-Rand-

I really am witty & bright
At verses I just take the cake
At the the house I laugh & I part
I'm the man to keep each one awake

My brothers of the club 'The Demi',

~~I greet you all to night~~

Just have a bright & jolly time

I greet you ~~all~~ every ~~man~~ to night

Though ~~they~~ ^{pretty} poorly done in rhyme.

I collect otter, weasel and mink
Skunk. Zapus and Arctomys too.

I skin them at home, and oh how they smell.
I don't care a bit though, do you?



Batsford

I live on a fly a lonely life,
That of a speech, an atom, 7 in rec.
The Cryptofanni's Thaxter says I belong
to the Laboulbeniaceae

Thaxter

Little trees all in a row

Charles Townsend loves them so

Birch & Maple, Spruce & Pine

Ypswich, Sandown, all are mine

Townsend

The of old days ^{and} my name is known

~~through~~ ⁱⁿ every town, in every Chinese.

But what I enjoy ~~the~~ best of all

Is the Secyship of one club "The Beehive".

J. F. Feltman -

I can't say I eat many things
most excepting my meals in my line
all good. I am better, I am better
My new views I think are
I am better. I am better.

order for M.B. at Ham. Corp.
20 lbs of the blue papers, with
envelopes at the rate of one to $1\frac{1}{2}$
sheets paper -

Broth
Brother

Now, brother Jeffries, what does worry
you for ~~can you~~ ^{can it be} cards?
If real estate does trouble you at all,
Sapolo will take it off your hands.

Jeffries.

I'm a versatile all round kind of man,
Biological subjects I handle with ease.
I ~~keep~~ ^{have} pigeons, a goat, ~~and~~ ^{hens,} rabbits and plants
Who strives after more is ~~so~~ ^{one} hard to please.

Jacklyn

~~To get an idea of what he is doing~~

~~My dear Sir~~

~~As you change your name must~~
Hear

~~I am a doctor & farmer~~
~~I am an ornithologist, doctor & farmer~~

I am fond of my patients, my birds & my farm
My books and my garden are my
By chemistry I can ^{quite} easily prove
That white feathers on birds can turn blue
— that's true —

These were compared
by Walter for his
Club "Medicine" on
Feb. 25th 1903.

It met at our house,
& they were received
with great enthusiasm,



My brothers of the club
"We Dine",

Just have a bright
and jolly time,

I greet you every man,
To-night,

Though pretty poorly done
in rhyme,

W. Deane,

Feb. 25, 1903.

