

1915
Aug. 16 - Dec.

Shelburne, N.H.

1915
Aug 16

Clear, warm Sun., clouds in P.M. a few rain drops
from a thunder-storm, a few drops in the evening.

This morning I was in my study and part of
the time I wrote on my waste article -

I did some reading this P.M. and wrote some
more, and later I walked down to the river
and spent a lovely hour there on the stony
area that is covered at high water - There
are a number of interesting plants there, and
just now there are innumerable plants both
small and large of Oenothera biennis.

I collected a number of plants of various s.p.s.

Cutting & taking, we may have been going on
vigorously to-day,

This evening Jack Wright came up & gave us
an account of his long trip to Colorado Canyon,
San Francisco Expⁿ. ascent of Mt Hood, trip over the Cana-
dian Rockies, visit to Lake Louise and home.
He had a good number of photographs and it was
a most enjoyable account.

I have learned to-day of the death of my good
friend Prof. Fred. W. Putnam. How sorry I am.
He died on Saturday, Aug. 14. Funeral to-morrow

I collected to-day:

- | | |
|---|---|
| <i>Mullebergia sylvatica</i> Torr. | Stony & gravelly border of river, back of Knubble
covered at high water. |
| <i>Cyperus dentatus</i> Torr. | |
| <i>Elychais acicularis</i> (L.) R. & S. | Dense wet, muddy border of pool back of the Knubble. |
| <i>Polygonum papathifolium</i> L., var. <i>incanum</i> (Walt.) Koch | "Golden Box" A.E.P. |
| <i>Polygonum pennsylvanicum</i> L. | |
| <i>Phacelia rufipila</i> L., var. <i>nanus</i> (L.) | Stony & gravelly border of river, back of Knubble, covered at high water. |
| <i>Euphorbia terricola</i> (Torr.) Wiegand | |
| <i>Hypochaeris ellipticum</i> Hook | |
| " <i>marginatum</i> (Gray) Britton | |
| <i>Oenothera biennis</i> L., var. <i>uniculata</i> L. (Fide R. W. Wiegand Nov. 16 1921) | |
| <i>Scutellaria lateriflora</i> L. | |
| <i>Solidago graminifolia</i> (L.) Salisb., var. <i>nuttallii</i> (Greene) Fernald. | |

2

PROF. FREDERIC W. PUTNAM

He Was Prominent as a Scientist and Historian and Had Been Connected with the Faculty of Harvard Since 1874

Aug. 14

Professor Frederic Ward Putnam, who died Saturday afternoon at his home, 149 Brattle street, Cambridge, following an illness of several weeks, had been associated with the faculty of Harvard University since 1874. He was prominent as a scientist and historian.

Professor Putnam was born in Salem, April 16, 1839 and was the son of Eben and Elizabeth (Appleton) Putnam. He received the degree of bachelor of science from Harvard in 1862, honorary degrees of master of arts from Williams in 1868 and of doctor of science from the University of Pennsylvania in 1894.

From 1856 until 1894 he was associated with the Essex Institute and the East India Marine Society, being vice president of the former from 1871 until 1894; from 1860 to 1866 he was director of music of the Peabody Academy of Sciences, Salem; from 1857 to 1864, and again from 1876 to 1878 he was assistant in ichthyology in the Museum of Comparative Zoology; in 1874 he was an assistant with the Geological Survey of Kentucky, and in 1876-79 he was with the United States engineers on the survey west of the 100th meridian.

He was professor and director of the Anthropological Museum of the University of California from 1903 to 1909; State Commissioner of Inland Fisheries from 1882 to 1889; chief of the department of ethnology of the Chicago Exposition; curator of anthropology of the American Museum of Natural History, 1894 to 1903. Professor Putnam was curator of the Peabody Museum of Harvard University from 1874 until 1909, its honorary director from 1900 to 1913 and its honorary director in charge during 1913. From 1886 until 1909 he was also professor of American archeology and ethnology; in 1910 he was professor emeritus in these subjects, but until his last illness he maintained his interest and worked in these branches.

Professor Putnam received from the French Government the decoration of the Cross of the Legion of Honor, and he also had been honored with the Draxel medal for archeological research. He enjoyed membership in the National Academy of Sciences, the American Philosophical Society, the Massachusetts Historical Society and the American Antiquarian Society, and was a fellow of the American Academy of Arts and Sciences besides having close association with many foreign and State scientific societies. He was a member of the Harvard Chapter Phi Beta Kappa, California Chapter Sigma Xi, Harvard Club of New York, Colonial Club of Cambridge and the Faculty Club of California. He was the originator in 1865 of the Naturalists' Directory and also its editor, and he was a contributor to many scientific periodicals and had edited all the publications of the Peabody Museum at Harvard since 1873. Many valuable papers on anthropology and zoology are from his pen.

His first wife was Adelaide Martha Edmunds of Cambridge. She died in 1870. Three years later Professor Putnam married Esther Orne Clarke of Chicago. She and two daughters and a son survive him, the daughters being Miss Alice Putnam of Cambridge and Mrs. John H. Lewis of Alhott, S. D., and the son, Eben Putnam of Wellesley Farms, a local historian and genealogist.

Bureau of Investigation, Aug. 16, 1915

Shelburne, N.H.

1915
Aug. 17

Cold, showery day, with high wind -
morning 57° at 9 A.M., with 64° maximum.

I have spent much of to-day writing
letters, to Mrs. F.W. Putnam, Mrs. Alice Putnam,
Dick Dana, J.N. Rose, Rebecca Rose.

J.H. Kennard has sent me a copy of Baynes'
book, "Wild Bird Nests" with his list of fruit-
bearing trees & shrubs adapted to birds. I have
written him a letter of thanks. I helped
him somewhat on this matter.

This morning I walked with Mrs. Goodall
some way up the Cross Nest path and re-
turned to the house with her and had a
good talk with Dr. Goodall. He told me
a good deal about Prof. F.W. Putnam and
his early connection with Agassiz, how he and
others of his students, all later note-worthy men, left
him and went to Salem and started the
American Naturalist, &c., &c. Prof. Putnam
was first an ichthyologist & later studied ar-
chaeology -

This evening for a while the half moon shone
brilliantly in the sky. Barrett came up with me
to see it, but it entered a heavy cloud for the rest of
the evening, though the rest of the sky was as
clear & brilliant as could be. Jupiter was up well above
the horizon at 9 P.M.

I collected to-day:

Hamamelis virginiana L.

A tall shrub loaded with fruit & with
red galls on the pasture slope back of our cottage.

Shelburne, N.H.

1915
Aug. 19
(1)

Cloudy, a little haze, light breeze, perfect, cool.
This morning Miss Brown & I walked round through the pastures and woods to Wheeler's Pasture at the foot of Cross Nest. I collected some on the way, and Miss Brown got a number of plants from the house & garden. *Mentha Cardica* is flourishing in the same spots & *Physalis heterophylla*, var. *ambigua* is in flower where I got it last year. We got back to dinner —

This afternoon I worked on my plants and at 4.15 we had an afternoon tea. All the invited guests were present: Dr. & Mrs. G. R. Goodale

Miss Folsom, their guest, aunt of Francis' wife. She lived on Riedesel Ave.
Miss Wheeler } Miss Bowman
" Gantier } " Pophard
" " } Mrs. J. B. Greenough
" Hilbreth } Miss Dike

This evening I showed the moon to Barrett, Alfred, & Catherine. We saw Copernicus.

Returning with Barrett I dropped in at the Farhams where Mr. & Miss Brown were & Mrs. Segar. We had music on piano & victrola.

I collected to-day:

- Aspidium Thelypteris* (L.) Sw. swampy ground
- " *marquiae* (L.) Sw. (Munell) D. C. Eaton
- " *spiculatum* (Ort. Müller) Sw. Rickwood
- Ribes cynosbati* L. scout 15 West Hill, Wash.
- Inula pycnantha* L.
- Anaphalis margaritacea* (L.) B. & H. Chicaco

Woods, foot of Cross Nest.

Shelburne, N.H.

1915
Aug 19
(2)

This afternoon as I was standing by the tele. Bald Eagle scope stand looking towards the south I saw a large Bald Eagle with white head, poising, apparently motionless, over Olivet. Soon he soared in circles, slowly descending till he disappeared behind the slopes of Olivet. I saw an immature Bald Eagle on July 27 near the same place -

Henry Stetson was happy to-day for he Woodchuck caught in his traps in the interval another Woodchuck. This time it was an adult. I saw it after he brought it up to the barn -

Shelburne, N.H.

1915
Aug. 20

Clear, hot, glorious day, light breeze.

This morning I worked at home and read a little - The others were busy at the main house over French hospital work - That is Tuesday & Friday mornings.

This afternoon Dr. & Mrs. & Donald Jordan called - Gas built this cottage for the Jordans. They selected the situation.

At 4.15 we went down to Dr. & Mrs. Goddard to meet their Tobson aunt of Francis' wife. She, her sister & Francis' wife used to live on Riedesel Avenue. Prof & Mrs. Emerald and Mr. & Mrs. Abbott were there. We had a most enjoyable time -

This evening we three enjoyed the moon through the telescope. It was brilliant and a little past half. We studied Tycho and Copernicus especially. Jupiter was well up by 9 o'clock - His central bands are very distinct and 2 moons are on the right, 2 on the left.

The foreign news is depressing. Now the Arabic is torpedoed without warning and with Americans on board - No Americans were lost - It is awful.

I collected to-day:

Solidago rugosa Mill.

" *canadensis* L.

" *nemoralis* Nutt. Sent to West. Herb.

Grass land near road close to our cottage.

Shelburne & Vt.

1918
Aug. 21

Dry, after the sun dissipated the mist in the Am., a light haze in the air all day, thickening towards evening when the air was thick, though we could see across the valley. A very little rain in the evening.

The haying was practically finished today. A few cocks are in the s.e. corner of the intervals, and some mowing on the creek borders will be done.

I spent the Am. & P.M. at home quietly, feeling rather tired. I wrote and read on the piazza most of the time.

At between 5.30 + 6.00 P.M. a small party of us, Miss Lovell, Miss Crisfield, Mr. Farnham, Miss Carrie A. Gauthier, Miss Brown & I with food, lantern electric lights, &c started off for a walk up Crag, there to build a fire, have our supper, and see, if possible, some of the beacon lights that were to burn on many peaks to celebrate the opening of the new Mt. Washington track. We had a pleasant of a mile & a quarter to the foot of Crag and the pony track to the top was pleasant. Crag is 1420 ft. high, making our ascent some 700 ft. We reached the top by 7 o'clock and built a small fire on the rocky summit, and ate our supper. The haze was too thick to see much beyond the valley but a reappearing and vanishing light in the direction of Washington led us to think it was from there. We also saw two red lights that were doubtless from Pine Mt.

Trip up Crag.

Menziesia arvensis L., var. *canadensis* (L.) Gray et al.
Damp, shaded soil, n. side of Pine Grove.

We sat and lay down on the rocks and talked and enjoyed the peace. We left at a little before 10 and reached home by 10.45 P.M.

1915
Aug 22

Shelburne N.H.

- Sunday -

A.M., cloudy, air thick, P.M., heavy rain, lasting through the evening.

I have spent most of today writing letters. It is hard to get to the last one. Helen's brother-in-law's death. Otto Faber, in East Africa is very sad and Helen sent the Memorial Service that was held in the English Church in Madeira. Our country is getting more and more implicated in the war troubles and Russia is getting very seriously beaten at present. The end is far off.

Miss Dike of Simmons College called today. She goes tomorrow and we hope to see her again - she wants to show us the College.

The streamer trip of the season was today. Miss Goggiani, Miss Chapin, Jack Wright, Dr. Johnson & Endicott Rantoul in his car rode about 30 miles to Mr. DeBennett's in Riley and there they were joined by Mr. DeBennett and they tramped 6 1/2 miles up Sunday River to some rock caves in Grafton. They had a hard time in pouring rain and it was a very great experience. They returned home here by 10.30 - I write this on Aug 23 -

Shelburne, N.H.

1915
Aug. 23

Rainy in Am. clearing in P.M., evening bright with clear sky and clouds and brilliant nearly full moon.

This morning after breakfast I walked with woodchucks Henry Sletton & Richard Read over the intervals to visit the Woodchuck's holes and reset the traps. Yesterday from an piazza I watched a large Woodchuck cross the interval from the Creek close by the Rubble to the fence between the Lower & Upper intervals. There he sought a spot where there were two holes near together and remained there. He ambled along feeding I think, when he came to some green grass. In the grass is cut and - This morning I saw another near the Rubble ambuling along. Henry set the traps and we returned.

The rest of the morning I spent at home, and also the afternoon till about 5 o'clock - He finished all my duns & I took out of press some 50 sheets.

About 5 P.M. I went to the main house & bade good bye to Miss Wheeler & Miss Galtier who went off with the milk setter, Rex. The dog will not come back next year.

Miss McClacklan & 2 daughters came back here today from Yale Harbor.

This evening Miss Mc Coble from Gates Cottage read in the dining room to a large number from here, Evans & Gates Cottages two plays. The last one "Spreading the News" in Irish dialect was most amusing. Tickets 50¢ - The money goes to the French Hospital.

I collected today;

Salix lucida Muhl. Leaves only. By the Creek opp. main house.

Shelburne, N.H.

1915
Aug. 24

Clear, sunny, mild glorious day, fine cloud effects.
At home this morning, writing letters and reading, finished "Turning in 1600", most interesting and instructive.

This afternoon we had a tea on the piazza.

The following were invited and all came:

- Dr. & Mrs. J. L. Morse.
- Mr. & Mrs. Johnson
- Dr. " "
- Prof. & Mrs. & Clara Emerson
- Mrs. Walcott
- Dr. & Mrs. Lord (Dartmouth)
- Mrs. Scales
- Jack Wright
- Mrs. & Catharine Faribault
- Mrs. Lowell
- Mrs. Crisfield
- Mrs. Gozzaldi
- Mrs. G. F. Williams

About 6 o'clock a flight of Nighthawks ^{Nighthawks} took place up the valley past the cottage. At first they were pretty well bunched and then single birds followed for some time. There were 40 or 50 or more in all. As they sailed past us at a reasonable elevation the white spots under the wings were very plain. They were going west.

I collected to-day:

Solidago bicolor L. Dry soil near the cottage.

I put in press to-day, coll'd by Mrs. J. H. D. Stone on Cross-bush.
Woodia Fresh specimen, given me Aug. 20.

Shelburne, Vt.

1915
Aug 25

Heavy thunder storm at 2 A.M. and at about
2 P.M., rest of day cloudy & sunny, evening cloudy.

I was not quite well last night and
have been quiet to-day, I have spent much
time writing letters, reading the papers, &c.

This afternoon Mr. Melcherney called and
we had a pleasant talk on the piazza.

I collected today:
Panicum philadelphicum Bernh.

A weed in one of our garden plots by
the cottage.

Impatiens biflora Walt.

I took a single flower from a plant
by the brook on the side of Pine Grove
and dissected it and put it into my
Baby Press. The flower is peculiar and it
is not generally agreed as to what are
the sepals and what are the petals.

I shall mount these parts on a sheet in
the form of a diagram ~

Lobelia inflata L.

Pasture near our cottage.

Shelburne, N.H.

1915
Aug. 26

Cold; A.M. cloudy, rain at noon, P.M. clear with fine clouds, evening with moon, Jupiter & fine clouds.

This morning I had a chat with Mr. Johnson by his cottage & with Mrs. Gray at her cottage where I went in an errand. Mr. Mrs. & Etta came lunch with Mrs. Deane. Mrs. Greenough went too. I read & worked at home till dinner.

This afternoon I had a call from little Christine & Peggy Johnson and at four o'clock I took Mrs. & Miss Carrie Gauthier on a short botanical walk. We spent two fleeting hours. We went over to the Knubble and I discussed plants on the way and collected a number. We traversed the Knubble thoroughly and examined the *Habenaria Hookeri* for fruit, saw about a dozen plants. The fruit is green and not perfectly ripe. Generally but few ovaries on a plant have been fertilized. I took one plant. We got back to the house at six.

This evening I put my plants in papers & showed Mr. a lot of photos. Charlie sent from Merdon for his southern U.S. trip early in the yr.

- I collected to-day:
 - Botrychium* ^{*argatum* (Thunb.) Sw., var. *intermedium* DeCary} ~~*obliquum* Muhl.~~ Grass land by Knubble.
 - Habenaria Hookeri* Torr. Fruit. Knubble, see above.
 - Hydrocotyle americana* L. By Seawall near Knubble.
 - Chelone glabra* L. " " " " "
 - Solidago* ~~*tricolor*~~ ^{*hispidula*} Muhl. Grass land edge of Knubble.
 - " *arguta* Ait. n.w. slope of Knubble.
 - " *serotina* Ait. "
 - Aster acuminatus* Michx. n.w. slope of Knubble.

Last may came in this form, a 2/4 loaf, cut on the 21st just S.W. of Knubble.

Shelburne, Vt.

1915
Aug. 27

Clear as crystal, cold, warmer in the gloom.

This morning I was at home doing some work on my "weathable plants" article, and writing -

This afternoon the great event of the season came off at 3.30 on the Emerson lawn south of the house, a fête for the benefit of the French hospitals, performed mainly by the children. A large gathering assembled on the lawn and mother goose melodies were performed to music and singing. It was charmingly done, and the effect was wonderful. Little Bo Peep, Dried Piper of Hamelin, Jack & Jill, Old King Cole etc. etc. were done and the children looked so pretty, and sang so well. Ernest Pantoul, Dr. Johnson, Jack Ubright, John Walcott, Clara Emerson assisted too - Clara led the music with her violin. After the performance Prof. Emerson explained the hospital work and the meeting broke up, when all scattered over the grounds and a hat was passed round, and fruit & drink were sold. Mr. Thim Brown ran the pink lemonade stand by name of Mrs. B. (lemonade, blueberry juice & mint, Mentha Carriada at 5 + 10¢ per glass with some cake. Tea &c was served. The proceeds amounted to \$92.16!! Success.

During the performance & after a huge Bald Eagle flew three times over the place and soared over the interval. It was a noble sight. I saw him this morning at about 9 o'clock over head near our cottage -

I collected today:
Solidago rugosa Mill.

Large plants ^{on} hillslope by our cottage.

Shelburne, N.H.

1915
Aug. 28
(1)

Fog in early Am. Then clear & brilliant, calm, cool, light breeze.
This morning I took a walk with Miss Margeson
to Wheeler's then into his field opp. the house and
down to the river. It was very beautiful and the
river view was fine. I had never been there before.
I collected a few many plants by the river and in
Wheeler's intervals.

As we were by the river I saw a Bald Eagle soaring over the water well up. He was soon joined by a second and they played around each other sportively, coming very close together and diving over and under each other, then separating and soaring in circles above & below each other. It was a very beautiful sight. In a few minutes a third Eagle approached rather near and soared. He soon, however, plunged down out of sight over the woods. I used my binoculars and had a fine view. I think the birds were all in immature 2^d or 3^d year -

3 Bald Eagles
together

I returned home to dinner and spent an hour immediately after, listening to Dr. Goodale reading a letter from Mr. Blaschka. He is well, not convalesced & is busy on the glass models. He is 47 yrs old, and the correspondence has reached on 45 yrs thus far.

Dr. Goodale
reads a letter
from
Mr. Blaschka

I spent an hour laying out my plants (35 sheets) and the Mrs. & Miss Carrie Gauthier called and her son, Mrs. Gray & Miss McKennie called for a time. Then Miss Gauthier told us of her work in Northampton - Wm. Deafol. Society for the prevention of cruelty to children. Evening at home.

Shelburne, N.H.

1915
Aug. 28
(2)

I collected and put into press to-day; ^{Wheeler} intervals
Bromus ciliatus L.

Border of woods, Wheeler intervals.

Apios tuberosa Moench.

Sandy border of river. Wheeler intervals.
Extremely abundant the brown-purple flowers
making a beautiful show. It occurs also on
bushes in the grassy intervals. I secured
rootstocks with the tuberos enlargements.

Amphicarpa monoica (L.) Ell.

Climbing on bushes, Wheeler intervals. In flower.

Arabicis hispida Vent.

Abundant in fruit, sandy border of river
Wheeler intervals -

Gauecula marilandica L.

Viburnum Opulus L., var. *americanum* (Mill.) Ait. }
Intervale - ^{sandy} border of wood. Stems laden with fruit

Eupatorium purpureum L., var. *maculatum* (L.) Drake.

Low ground, very abundant.

Solidago serotina Ait.

Border of wood.

Aster longifolius Lam.

From sandy soil by river. Abundant on intervals.

Aster ~~paniculatus~~ multifidus L. grassy intervals

Ambrosia artemisiifolia L.

Shady sandy border of river.

Helianthus strumosus L.

Border of wood. Abundant.

Bidens frondosa L.

Sandy border of river

Bidens cernua L.

Low ground, intervals.

Shelburne, N.H.

1915
Aug 29
(1)

Cloudy, but air clear, a little rain in the - Cool
this morning we heard that there
had been a fire in Mt. Washington - Mrs. Crisfield
Miss Lowell and Gus, & Mrs. Greenough had gone up yester-
day for the night. Miss B. & I with others following
went over to the Presidential Platform but there
were no signs.

I spent the rest of the morning over plants
and writing. At dinner we found the party
had returned. The old classic tip top
House burned to the ground at 7 A.M. this
morning. Of course the stone walls remained.
It is a great misfortune I think.

I have spent the afternoon mainly
writing letters. Prof. Emerton called for
a dowell and he inspected our garden
plots and expressed much enthusiasm.

I had a joke on me at dinner. A
large mysterious box was at my plate
and much mystery prevailed. After a long
unwrapping and reading choice inscriptions
(see page 2) I exposed a Woodpecker
made of wood, gaily painted and pecking
at a stump when pushed. A searching
enquiry revealed Clara Emerton as the guilty
one in connivance with Mr. Walcott. It was
found at Shoreys in Orleans. I collected
Solidago hispida Muhl.

Strange
Woodpecker

By rocky ledge by The Hedge near our cottage
Miss Carrie A. Gauthier collected for me on the top of Gray yesterday (28th),
Solidago Randii (Pursh) Britton.

1915
 Aug 29
 (2)

Shelburne, N.H.

Open at Once.

Mr. Walter Deane

Philbrook Farm

Shelburne

N. H.

For "My Mr. Deane" five very fine birds.

Rara Aris

Exceptionally fine specimens - of the
Picoides Campephilus Dryobates borealis

Range. Gorham to Shelburne N. H. road a P. R.
 in neighborhood of Philbrook Farm.

Easily Tamed - fond of people. remarkable strength
 in bill.

Shelburne, N.H.

1915
Aug. 30
(1)

Morning cloudy with fine rain part of the time.
Afternoon sun & cloud, Evening pleasant.

This morning a party of us consisting of Mrs. Miss Carrie Gauthier, the two Misses McClachlan Miss Brown & I went up Cabot. Mrs. Hall went a short distance and I helped her get some Little Spruces, Hemlocks, White Throats & Pines to take home. The air was good and the climb refreshing. As we approached the summit Aster cucumariatus, and macrophyllus, with bed of its large basal leaves, Solidago ~~macrophylla~~ ^{latifolia} and arguta became very abundant and on the summit Solidago Raudii made a magnificent display. It was extremely abundant and the long wand-like spikes of inflorescence made a beautiful show. The plants grow in tufts, each tuft by itself, sometimes 8 or 10 stems in a single tuft, either erect or extending flat on the rock like radii, over and beyond the dense mat of tufted basal leaves. I was delighted to find a little way below the top in the rich woods two fruiting specimens of Microstylis unifolia. We had a fine rain on top, but it made no difference. The view of the cloud-capped mountains and the beautiful misty valley below was all-sufficient. We returned pretty late for dinner, much refreshed by the tramp -

Solidago Raudii

This afternoon I drove over to Sudcott Farm to call on Mrs. Rantoul and was disappointed to find that all had gone

Shelburne, N.H.

1915
Aug 30
(2)

by auto to Intervale, so I left a note and returned.

Mr. Edwin H. Lebbott called shortly after and we & Philip Abbott had a long talk. He gave me the whole story in detail of his son's tragic death on Mount Le Froy in the Canadian Rockies in Alberta. He fell from a height, within 300 to 400 ft of the summit, of from 20 to 30 and then slid down the ice slope some thousand feet. He evidently was unconscious immediately. The rock that he was grasping evidently crumbled. He had just called to the party, Prof. C.E. Foy that he had found a good way up. They were on a ledge and he had gone round to find an ascent. After he called to them they saw a shadow flit by and then they saw his body rolling down the long ice slope up which they had come by cutting ice steps. They were 12000 ft. up. They reached his body as soon as they could descend, and there was still breath in it. but it ceased shortly after. They left it, descended, and the next day it was recovered.

This evening we went to The Farnhams and heard a children's concert. Room full. All 5 children performed. Frank + John on mandolin, Edward on violin, Albert on cello, Catharine on piano! It was most creditable.

We then called at the Shack. Miss Croxford goes to -

- Cirina latifolia* (over) Griseb. near summit of Cabot. Rich woods.
- Microstylis unifolia* (Michx.) BSP. Fruit. " " " " " "
- Solidago Raudii* (Porter) Britton Summit " " " " " "
- " ~~*latifolia*~~ ~~*var. latifolia*~~ near " " " Rich woods.
- " *arguta* Lit. " " " " " "
- Ciste macrophyllus* L. " " " " " "
- " *acuminatus* Michx. " " " " " "
- " *purpureus* L. Damp roadside, S. of river, foot of Mt. Washburn

Shelburne, N.H.

1915
 Aug. 31 Clear, cool, brilliant, calm -

This morning I worked in my study, chiefly over my presses which are very full and I, also, arranged Miss Fay's plants to show her when she comes.

This afternoon I was busy at home, and later Mrs. Minnie Gauthier called with a large lot of wild flowers for M. I joined them and we went over to the Presidential Platform woods to get some Bunch Berries, etc. to take home for them. From the Platform the view of the big range was wonderfully fine. What you see of the Summit on Mt. Washington is:



- 1 = Stable, there is another stable near wall and inside
 - 2 = Stage office
 - 3 = Summit House
 - 4 = water tank
 - 5 = walls of Trip House, the rest was burned Aug. 29, 7 A.M.
 - 6 = water tank by railroad
- These are all the buildings on top

The view includes from right to left: Mt. Madison, Adams, Jefferson, Cop, Washington -
 M. has a headache to-day and on my return I found her in bed I fear she worked too hard this morning at the French work.

This evening I spent some time studying the constellations. Constellations
 For a wonder the sky was clear as crystal and the stars stood out marvellously. Jupiter is now well up in the evening. In Young's Uranography there indeed tabe constellations, 3 being synonyms. These represent the area of the heavens as far south as 50° south of the celestial equator, I have found all but 10. None of these are very insignificant in the extreme south where here the hills practically hide them and exceptionally clear weather is needed. In Cambridge it is impossible to see anything so far south - One, Taurus Poniatovii, a part of Cepheus. I can make out to night, if clear - It is now designated as a constellation.

Shelburne, N.H.

1915
Sept 1.

Clear, cloudless, calm mild. Cold last night.

It has been a wonderful day. This morning a number left, the Swatts & party, Mrs. S. F. Williams & Barrett. Mrs. Miss Curie Gauthier left in an auto for the Glen, there to change and go up the brown-tan reaching there about 2:30, and going down by train the next day. They will have wonderful weather. The two huns we collected went with them to the Glen & returned.

I spent the morning at home, part of the time reading to M., who is up & better, but is not going to walk quite yet.

This afternoon I walked up the road as far as Mill Brook. Herman Howard & William Argond overlook me on their way to the swimming pool and we kept together - I collected a few plants and we returned.

We spent the evening as usual at home, after a short time at the main house. Some new guests have arrived.

I collected to-day:

Pteropterus Dryopteris (L.) Fee.

A large clump by the swimming pool, Mill Brook. Too old.

Thuja occidentalis L.

Fruit from food-sized tree, pasture, just below Hamilton's.

Solidago caesia L. x *bicolor* L. Chesica H., var. axillaris (Pursh) Gray St. Albans, Vt., Dec 4/15 -

Roadside a little east of Mill Brook. Two or three stalks, from the same center, with ^{a stalk} pure white rays. A few stalks near by with yellow rays -

Shelburne, N.H.

1915
Sept. 2
(1)

Clear, calm, warm, fine day.

This morning very soon after breakfast
 Miss Brown & I walked down to Wheeler Pasture
 at the foot of Crows Nest along the wood path.
 It was a little warm but the air was good. I
 collected a number of plants as usual, while
 Miss Brown picked blackberries. We went a little
 farther than usual, going to Little Ingalls Brook
 and following it up some ways. We stopped in
 a shady spot by the cold stream and had
 a little lunch and drank copiously of the
 delicious water - We got home to dinner.
 We walked about $3\frac{1}{2}$ miles -

This afternoon I put my plants into
 press, filling 32 sheets - I have now in
 press 111 sheets! Work is booming -

Mrs. Sheffield came this P.M., Mrs. Farham
 & family left for Portland by the afternoon
 train - The house is rapidly changing -

This evening I have devoted mainly
 to studying the double constellation of
 Ophiuchus (or Serpenterius) and Serpens. It
 occupies a large area in the heavens
 between 20° N. + 30° S. declination. In it is the
 now discredited constellation, "Poniatowski's Bull"
 (Taurus Poniatovii), proposed in 1777. It is much
 like the Hyades in Taurus.

Ophiuchus
&
Serpens

This morning Miss Brown & I picked a number
 Bunchberry plants and we have done them
 up, and shall send them to-morrow morning
 to Mrs. & Miss Carrie A. Sauthier -

Steelburne, N.H.

1915

Sept. 2

(2)

- I collected this morning:
- Botrychium obliquum* ~~Muhl.~~ var. *intermedium* D.C. Eaton
 2 *ternatum* (Tuck.) Sw., var. *intermedium* D.C. Eaton Sent to
Mr. H. Wheeler
- 'Sunny pasture foot of Crow Nest. One from woods near by
- Asplenium Filix-femina* (L.) Bernh.
 Woods, s. of Crow Nest - Wheeler's,
- Phegopteris hexaploides* (L.) Fée.
 " *Dryopteris* (L.) Fée,
 P Cool woods by Little Inghall's Brook near Wheeler's pasture,
- Panicum philadelphicum* Bernh.
 Mead in one of our garden plots,
- Zizania ciliata* L.
Juncus effusus L., var. *Dybaei* (Lamour.) Fernald & Bieganski
 Pasture by Little Inghall's Brook
- Spiranthes gracilis* (B. & P.) Beck.
 Damp woods, Wheeler's, s. of Crow Nest.
- Solidago hispida* Muhl.
 Evans' sunny open field. Grass cut.
- Solidago latifolia* L.
Aster cordifolius L.
 " *panicus* L.
 Cool woods by Little Inghall's Brook, near Wheeler Pasture
- Erigeron annuus* (L.) Desv. *ramosus* (Walt.) B.S.P.
Cirsium arvense (L.) Scop.
Prenanthes altissima L. immature, 5 primary bracts,
5 flowered
- Hieracium scabrum* Michx.
 Sunny pasture by Little Inghall's Brook.

Shelburne, N.H.

1915
Sept. 3

Clear with more or less haze, calm, warm.

This has been our warmest day, 86° max.

I have been busy to-day over my plants, taking a large number out of press, changing series, &c.

I was much pleased this morning to receive from Miss Gauthier a box of fresh plants from Mt. Washington as follows.

Plants coll. by Miss Carrie A. Gauthier on Mt. Washington near the 5 mile sign ^{and by the Half Way House,} on Sept. 1 and mailed to me fresh; Plants from Mt. Washington

- Arenaria (voenlandica) (Retz.) Spreng.* 7 leaves
- Potentilla tridentata* Ait. 7 flowers + fruit
- Vaccinium Vitis-Idaea* L., var. *minus* Todd. "
- " *uliginosum* L. "
- Solidago macrophylla* Pursh Flower
- " *Randii* (Poir.) Britton, var. *monticola* (Porter) Fernald "
- Achillea millefolium* L. "

This afternoon M. & I went to Prof. & Mrs. Emerton's to meet Prof. Mrs. Johnson of Cambridge. Prof. Johnson is Prof. of Hist. at Harvard.

This evening I was surprised to receive another box of plants from Miss Gauthier, this time from the Summit of Mt. Washington. I shall open the box to-morrow morning.

This evening we examined *Ophiuchus* & *Perseus* again, also *Hercules*, and we saw the wonderful star cluster in the latter. We studied *Bootes*.

I collected to-day:

Desmodium canadense (L.) DC. Sunny exposure, Pine Grove, back of main house. Fruit - See August 1 -

Schelburne, N.H.

1915
Sept. 4

Clear calm quite warm in Sun,

This morning I took a walk to Bowls
& Pitchers with ^{myself} Mrs. ^{of Keyser Farm} Ferguson & Sampley,
Marjorie (Juni in Wellsley) & Barbara (at school in
Cantover), Miss Gaius Smith, Miss Frances R. Wilson,
and Miss

We turned in at Hamlin's and struck
the Yellow Trail. It was refreshing in the
woods and when reached our destination
everybody but Mr. F. & me went in wading
and enjoyed it immensely. We returned
by the Wigan and the Swimming Pool
and were just in time for dinner -

On the way we picked up the cocoon of a
Polyphemus moth which was given to Bunny.

This afternoon we sat on the piazza
reading the paper. Dr. & Mrs. Goodale called,
and we waved vigorously to Mr. Sprague
when the Plu. train passed by, as he had
written that he would be on it. He goes
to the Glen House, but comes here on the 11th.

Miss Fay arrived on the same train. We
are glad to see her again -

This evening Mr. & I staid down and talked with
the people - Miss Smith says. Later I the double O Cygnis
I collected today:

Panicum philadelphicum Scrib. ^{Field A.S. Hilditch} Nov. 19, 1915.

Weed in one of our garden plots.

Carex lupulina Muhl.

Muddy pasture opposite Hamlin's.

Gnaphalium decurrens Pres.

Grassy, sunny roadside between Wigan & main road.

Shelburne, N.H.

1915

Sept. 4

List of plants collected on the summit of Mt. Washington, N.H. among rocks on Sept. 2 and sent to me fresh by Miss Carrie A. Gauthier of Northampton, Mass. I put them in press today. I received them Sept. 3.

- Arenaria Groenlandica* (Retz.) Spreng, Flower.
Stellaria borealis Bigel. Fruit.
Rubus idaeus L., var. *aculeatissimus* (C. A. Mey.) Regel & Tiling. (leaves)
Dryas octopetala L., Leaves -
Solidago macrophylla Pursh. Flower,
 " *Cutteri* Fernald
 " *Randii* (Porter) Britton
 " " var. *monticola* (Porter) Fernald.
Achillea Millefolium L., Leaves only.

Shelburne, N.H.

1915
Sept. 5

Clear Am., cloudy in P.M. evening, cool.

I have taken it easy to-day, writing letters and distributing plants, which takes time.

This afternoon, Mr. & I walked into the Scudder pasture between 4 & 5 o'clock, hoping to see a fox that haunts the upper end with young about that time of day, but we were unsuccessful. We then called on the Johnsons who were out on an auto ride. On our return Miss Gossaldi called. She returns to Cambridge to-morrow morning.

I have made a record of my pressing to date.

960 sheets out of press, ^(including a very bad green one fresh)

46 " still in press

1006 " total

75 " ^{from Miss Mary L. Fay, 7th & 7th July} ^{sent fresh.} = 1061.

This evening we three went over and called on the Emertons and their guests Prof. Mrs. Johnston. We had a very pleasant time indeed.

When we arrived here on June 11, my Button Bush (Button Bush) behind the barn was bare of leaves and looked dead except for 2 or 3 buds that gave promise of a little life. The hard winter had nearly killed it. Weeks passed & the little buds developed and a few more appeared. This has gone on gradually and now at this late day the whole plant is full of leaves & flowers, and Mrs. Philbrook says it has 5 times the vigor it ever had before.

Shelburne, N.H.

1915
Sept. 6

Cloudy with a little rain in the P.M. Air very pleasant. Calm -

This morning I collected a few barn yard plants near my button bush.

I spent much of to-day arranging my pressed sheets in systematic order.

We had an afternoon tea on the piazza - Everybody was bright -

They were present:

- | | |
|------------------------------------|----------------------|
| Mrs. Gray (Mrs. Stetson's mother), | Miss Hammond |
| Dr. S. H. Ewaldale | Miss M. H. Fay |
| Mrs. " " | Miss J. B. Greenough |
| Prof. E. Emerton | " George Sheffield |
| Mrs. " " | Mrs. J. L. Morse |
| Prof. " Johnston | Miss Hope MacLachlan |
| Mrs. " " | " " " |
| Miss Mayerson | Miss Hillman |
| " Stone | Mrs. Bartlett |

These were invited but declined:

- Henry + Eleanor + Mrs. Stetson.
- Miss Dixon, Clara Emerton + Mrs. Walcott
- The Rantouls + Mrs. Eudicott.

Evening at the Farm, talking, and at our cottage.

I collected to-day:

- | | |
|---|--|
| Polygonum aviculare L. | } 14 sheets,
around the
Farm barn. |
| Cheuspodium album L. var. rinde (L.) Moq. | |
| Amaranthus retroflexus L. | |
| Stellaria media (L.) Cyrill. | |
| Lepidium virginicum L. | |
| Raphanus Raphanistrum L. | |
| Plantago major L. sent to Nat. Hb., Wash | |

Shelburne, N.H.

1915
Sept. 7
(1)

Sunny & cloudy, mild, calm, a few rain drops at noon
 This morning I took a walk with Miss
 Margesson to Egan's Island where I had
 never been. We went down to the Farm
 and crossed the creek on a bridge, then up
 to let the men cross over and we walked
 over the entire Island. It is continuous
 with Egan's Island being separated by a creek
 and is bordered on the north side by trees.
 The river bank is steep and the water
 rapid. Most of the Island furnishes hay. At
 the northeast end is waste land covered with
 a dense growth of weeds in full flower, making
 a glorious symphony of color with the
 yellows of Solidago serotina & paniculata, the
 lemon yellow of Oenothera biennis, the magenta
 of Epilobium angustifolium, the white of Aster longi-
folius, the deep purple of Eupatorium purpureum var
maculatum and others. I took 2 photos (4x5)
 of the creek, one of the river bank with elm,
 & one of Cross West. We returned to dinner.
 I took a picture from an pasture gate, southeast.

This afternoon I was busy with my plants,
 Mrs. Sheffield called. At supper we met &
 greeted Mr. & Mrs. & Miss Dred who are here
 for two weeks.

After supper I sat on the piazza
 and listened to Miss Gertrude Smith who
 sang many songs ending with "The Tiger".
 The parlor & piazza were full of people
 and the music was extremely good.

Shelburne, N.H.

1915
Sept 7

(2)

I collected and put into press to-day
The following, 25 sheets -
Quercus sensibilibs L.

3 on Evans Island, sterile & female fronds, large & abundant -
Sterile fronds as long as 39 inches -

Quercus Struthiopteris (L.) Hoffm.

♀ fronds from The Fan by Evans Island,

Digitaria sanguinalis (L.) Scop.

Setaria viridis (L.) Beauv.

Evans intervalle opp. base,

Calamagrostis canadensis (Michx.) Beauv.

Evans Island by creek -

Polygonum pennsylvanicum L.

The Fan opp. Evans Island.

Clematis virginiana L.

Evans Island, west border - ♀.

Epilobium angustifolium L.

Evans Island, waste land, east end.

Cuscuta Gronovii Willd.

The Fan, opp. Evans Island

Mentha arvensis L.

Evans Island, west border.

Aster novi-belgii L.

The Fan, opp. Evans Island.

Snaphalium decurrens Des.

Evans Island, waste land, east end -

A fragment of a large branching plant

Bidens vulgata Greene.

The Fan, opp. Evans Island - Plants
five feet high and widely branching.

Shelburne, N.H.

1915
Sept. 8

(1)

Rain in early morning before light. Hazy, calm, warm, coming very clear overhead.

This morning Miss McChalkley, Miss Brown & I walked through the pasture woods to Wheeler Pasture and some distance along Little Falls Brook, some 2 miles from home. The ladies picked blackberries. I botanized, as page 2 will show. I am collecting about everything. The brook is a well shaded cold stream and is very attractive. Blackberries etc there. We returned pretty late to dinner. From the berries picked this morning seven pint jars of canned fruit were made.

This afternoon I was busy with my plants.

This evening Miss Brown & I went to Sunset Rock and enjoyed the wonderful view of the heavens. The horizon was not clear, but from a short distance above every constellation was picked out.

Mr Sprague sent me a letter to-day from "The Glen" He had been up Tucker's Ravine and he enclosed Rhododendrum Leppoweanum in flower and a flower of Genus Peckii. He will be here some time next week. A. S. Pease writes and sets Monday next for my day to visit him.

Shelburne, N.Y.

1915
Sept. 8

(2) I collected and put into press to-day

(2) The following 31 sheets:

Botrychium obliquum Muhl.

Sunny open Wheeler Pasture

Lycopodium clavatum L." var. *monticola* ~~var.~~ Great Neck," *complanatum* L., var. *flabelliforme* Fernald

Open woods by Infalls Brook (Little)

No. 1 is more condensed form of leaves in damp

x> woods s. of Cross West.

Arisaema triphyllum (L.) Schott. Fruit.

By Little Infalls Brook near Wheeler Pasture

Ribes cynosbati L. Fruit

Wheeler Pasture

Lechea intermedia Leppett, (var. *juniperina* (Bicknell) Robbins ex.

Wheeler Pasture.

Hedeoma pulegioides (L.) Pers.

Shady bank near our cottage

Lycopus uniflorus Michx. Fruit.

Shady pasture by Little Infalls Brook

Solidago latifolia L.

Shade by Infalls Brook (Little).

Erigeron canadensis L.

Pasture by Little Infalls Brook

Erigeron polycephalus Michx.

Open pasture s. of Cross West (Wheeler's)

Erigeron uliginosus L.

Pasture by Little Infalls Brook

Lactuca spicata (Lam.) Hitchc.

Pasture by Little Infalls Brook

x *Panicum implicatum* Scribn.

Open pasture by Little Infalls Brook

Shelburne, N.H.

1915
Sept. 9

Fog in A.M.: clearing, warm, calm.

I have been at home to-day, busy over many things. My plants are doing well, presses are full. This morning at 11.30 Miss Fay came up and we spent an hour over the plants she sent me from Malabar, N.Y.

This afternoon Miss Hammond and Miss Fay called and we had a delightful time looking at Miss Hammond's photographs of her trip this summer to Colorado Canyon, San Diego & San Francisco Expositions and Crater Lake, Oregon - Miss Hammond gave us extremely interesting accounts of her trip. Later we had calls from Mrs. Bartlett, Prof. & Mrs. Lord.

After supper I took Miss Gertrude Smith, & Maymie & Barbara Smith back to the cottage and showed them Jupiter through the telescope. We had a pleasant time.

Shelburne, N.H.

1915
Sept. 10

Clear, calm, warm. Evening wonderfully clear, the constellations sparkling with brilliancy.

The morning I went with Mrs. Marjerson through the woods to Crows Nest and took up 3 plants of Rosa gallica for her to take to Milton to test out. I did not collect any plants this time - Returned in time for dinner. Mrs. Marjerson returned home on the 13th.

This afternoon I worked and read part of the time. Later Mrs. Greenough, Miss Goodman + nurse called and soon after Mr. Walcott called - I showed him how I press plants.

This evening all the Smith and Ferguson family came to the cottage, Mrs. Smith, Miss Gertrude + Miss and Mrs. Ferguson, Marjorie and Barbara. We sat on the piazza and enjoyed the wonderful view of the heavens, and we picked out the constellations and saw many meteors flashing through the sky, I took out the telescope and Jupiter was never so brilliant. The 4 moons were very visible, and the two broad bands across the middle of the planet were astonishingly clear - Everybody saw them clearly - I showed them the double star in the handle of the dipper, and the nebula in Cassiopeia, Miss Brown collected for me this P.M., Solidago squarrosa L. Michx.

Roadside, n. side of river on road to Stevens Farm,

Shelburne, N. H.

1915

Sept. 11

(1)

Clear & cloudy, windy, cool.

This morning I wandered over the Knubble by myself, primarily to see how the Habenaria Hookeri was fruiting. It is still green - I collected a number of plants, & sps. making 17 sheets.

About noon, when we were all at home, who should appear at our cottage but Mrs. McMillan and Ellen - They arrived last evening at Ensign Farm, all safe & sound. We had a good talk for half an hour - We shall see them again soon - They have had quite an experience.

This afternoon I have been busy in my room, and I sat on the piazza an hour and a half.

For one hour I watched, through my binoculars, Great Blue Heron a Great Blue Heron standing in the river on the stony beach, opposite our cottage and near the Knubble - He ^{was} standing about "knee deep" and for much of the time was preening his feathers and pecking at himself. Then he would assume various attitudes for a few minutes at a time. He straightened himself up like a Coot, except that the bill was not quite perpendicular, then he drew his neck partly in, his body being in the natural position, and his head on a line with the body on the top, and his bill at an angle of about 45°. He seemed gazing intently into the water. He struck various attitudes between these two. Finally he walked down stream & disappeared. He never struck for a fish or other food - This evening I went to the Casino & heard songs of the 1903 Umbagog Warblers by G. W. W. Sheffield, Greenough & Miss Smith.

Shelburne, N.H.

1915
Sept. 11
(2)

I collected to-day the following:

Lycopodium obscurum L.
Oakleria sessilifolia (L.) Wats. Fruit.
Habenaria Hookeri Torr. I examined seven plants and the fruit is sparse and still green. But few fruits are formed on a plants, sometimes none. Sent to Nat. Hb. Wash.

Top of the Knubble in shade.

Rubus vermontanus Blanchard - Five m. h. Ferns. Feb., 1919.

Foot of the Knubble, n. side, edge of field.

Desmodium grandiflorum (Walt.) DC.

A colony of 8 or 10 plants on the top of the Knubble near the center - this is a new station, the other being on the north slope.

Viburnum Opulus L., var. *americanum* (Mill.) Ait.

A large shrub full of fruit, border of creek, off the east end of the Knubble, a few rods.

Solidago latifolia L.The Knubble, n. slope, $\frac{1}{3}$ from top -*Viburnum Prenanthes trifoliolata* (Cass.) Fernald.

Foot of Knubble, n. side, edge of field.

Involucre of 8 primary bracts, 8-flowered.

Miss Mary L. Fay gave me to-day
Arisaema triphyllum (L.) Schott. Sent to Nat. Hb. Wash.
 Low ground near our cottage - Fruit.

17 sheets in all -

Shelburne, N.H.

1915
Sept. 12

Clear & cloudy, cool, calm -

At home till noon, writing - Then we three called on Dr. & Mrs. Goodale who return home on the 14th. They are always very cordial. The trees on and below their slope have been trimmed, much improving their view -

After dinner I drove over to the McMillan Farm to call. All were there, Charles, Mrs. & Endicott Rantoul & Mrs. Endicott, & Mrs. McMillan, Ellen, Andrew & John - They were very cordial, and invited me to join them on a drive up Sunday River near Bethel on a picnic. We started before four o'clock in two cars and ran 20 odd miles on the north side to Bethel Bridge and then up the Umbagog road some miles and then turned off up Sunday River and stopped some 2 miles from Mr. DeMeritt's house. We lunched by the roadside on the grass in an open field, and had good things to eat out of very handy luncheon baskets. We returned home with lights burning and I got back to the cottage at 7.45 P.M.

I collected today:

Solidago Randii (Porter) Britton.

A fine plant with six stalks in sand in open field below Tumble-Dam-Ditch in Gilead, Me.

Shelburne, N.H.

1915

Sept. 13

Rainy day, light rain, fog low. calm, chilly-

This has been a very uneventful day.

I have felt pretty tired and have been very quiet and lazy. This morning I did a little writing and then read aloud by the fire till dinner time. It was chilly & wet outside.

After dinner I lay down on the sofa in the sitting room and actually took quite a nap and dreamed pleasant dreams.

After supper I walked over to the Gordons and bade them good bye for they go back to Cambridge to-morrow morning. It has been a great pleasure to have them near us - Others leave to-morrow -

Shelburne, N.H.

1915
Sept. 14

Foggy part of day, clearing, then clear, calm, hot.
- Trip to Randolph -

This morning by auto & train I went to Randolph and spent the time from about 12.15 to 6.00 with C. S. Pease & family. Pease met me at the Randolph Sta. at 12.22 and we walked to the "Pod" his cottage where we staid till after dinner, talking and discussing with the family. There were Dr. & Mrs. Pease and little daughter, Mrs. Pease's uncle and mother (Mrs. Fay). They have a fine southern outlook over the interval up Madison and Adams. After dinner we looked over some interesting Coos Co. plants and later Pease & wife & Henrietta & I walked over to see Mrs. Pease, senior, who welcomed me cordially. After a pleasant call there, Pease & I took a stroll through the woods back of the cottage through Mossy Glen, an exquisite bit of woods with a brook stream in a wide gull running over rocks covered with green. We passed a stream of clear, cold water gushing out of the rocks and reaching deep, for it was hot. Our stroll ended at the Ravine House where I most unexpectedly met Fred Dodge and his daughter and Miss Gooches of Mesford & Dr. Tuckerman. From there we inspected the new addition to the Ravine House and strolled across the interval to the station "Appalachia" where is the beginning of the inter climb up the big ravel. Train to Upper Soham & auto home. It was a very pleasant day throughout

Shelburne, N.H.

1915
Sept. 15

Clear, after early fog, calm, very hot. 92° max.
This has been a day to keep still in.

I spent the morning at home writing letters and doing a bit of reading in the paper &c. I also went over my presses and have removed everything excepting about 15 sheets of persistent things -

This afternoon A.C. Sprague appeared and we were much pleased to see him. He will stay through next week. Then Dr.

Jenkins appeared for a call on his way to his family in Jackson. We haven't seen him for a long time.

We had a 4 o'clock tea on the piazza and there were present -

- | | |
|--------------------|--------------------|
| Mrs. F. H. Gray | Mr. Chas Rantoul |
| " George Sheffield | Mrs. " " |
| Miss Hammond | Mrs. W. M. Kendall |
| " Fay | Mrs. Endicott |
| Mr. Row. B. Dred | Mrs. Mellican |
| Mrs. " " | Ellen " |
| Miss Lucy " | |
| " Sarah Barras | |

We had a very bright time. I was so glad to see Mrs. Kendall after years. She auto'd from Saranac to Endicott Farm on the 15th. !!

This evening Miss Hammond, Miss Fay, Mr. Sprague came up, and we had the telescope out and examined Jupiter * ⊙ (said no. 1 go behind), Moon, double star in basket of Dippers, Algol, nebula in Andromeda, Fornalhout & constellations.


Shelburne, N.H.

1915
Sept. 16

Clear with stray clouds and thunder in evening.
Very hot - Calm.

This morning I wrote letters and later
Clare & Lois Howe & Mr. Sprague called and we
all sat on the piazza -

This afternoon I worked on my marsh
paper. Later Mr. Sprague called and we spent
an hour and a half in my study making
measurements of distances on Charles River
from the marsh. He told me about the
significance of City Hall, meaning so many feet
above or below mean low water. Piles on which
buildings stand must be immersed twice a day
at least to prevent rotting, and they cannot be
cut so low as to prevent that -

This evening Miss Hammond, Miss Fay & Mr. Sprague
came up and we had a grand time with our
books and telescope. The moon, in her first quarter,
showed finely and Jupiter was never so bright
and beautiful.  We examined the dou-
ble star Albiero Cygni through the tele-
scope though it was very high up. We
discussed constellations and in the sitting
room we read and studied many books
and illustrations. It was great pleasure.

I have received lately what I consider ^{J. N. Rose}
my last letter from J. N. Rose from South ^{S. America}
America written August 20. He expects
to sail for home about September 16,
today! He was enthusiastic over his
trip.

Shelburne, N.H.

1915
Sept. 17

Clear & cloudy, smart thunder storm at noon
warm, then cool & pleasant, calm.

I spent the morning at home working
on my March paper. It is approaching a
conclusion, but will take time yet.

After dinner Mrs. Brown & I drove with
Gus to Gorham. The air was refreshing.

On our return Mr. Sprague and I took
a walk down the road to the first house
beyond Wheeler's. I found by the roadside
several hundred feet before reaching the first
house beyond the bog a delicate Caryophyl-
laceous small plant growing abundantly on
either side of the road. We followed it for
several hundred feet and I took specimens.
Mrs. Dwight had shown me a bit yesterday.

We returned through the woods & pastures
along Crown Nest and saw a beautiful sunset.

This evening Mr. & Mrs. & Miss Lucy Dred
Mr. & Mrs. Mackenzie & Miss Barrow came up
and saw Jupiter, the Moon & the double star in
The Dipper. The sky was clouded a good
deal. We had a good time and I showed
them my books and my work.

I collected to-day:

Gypsophila muralis L. ^{Second} (First time seen alive).
(See *Missouri Bot. Gard. Rep.* 7: 1891)

Abundant on both sides of the road for several hundred
feet some 1/4 mile beyond Wheeler's Bog.

Anemone virginiana L.

Woods south of Crown Nest. Three plants seen. I

took one with single flower. 1 had no flower, 2 are each other

Aster undulatus L. ^{2 plants} ^{seen} ^{at} ^{edge} ^{of} ^{pine} ^{grove} ^{near} ^{Wheeler's} ^{Bog} -

Shelburne, N. H.

1915

Sept. 18

Cool A.M. & P.M. & evening, warm in midday. Clear with fleecy clouds, evening cloudy. Calm -

This morning Mr. Sprague & I took a walk down the road and turned in at Wheeler's Cemetery and crossed the rolling grass land beyond where the view is very fine. Then we went on to the river by the course of Aug. 28 last through the woods opposite Wheeler's. There we sat down & enjoyed the view - Shelbroke passed by in rapid flight and we saw one Black Duck. Some Shelbroke landed on the rocky shore above us and Flickers flew over the streams, a Kingfisher screamed from his perch opposite us, and a Fish Hawk hovered above, at times passing in the air as he passed downward in the river. I examined carefully the *Cipis tuberosa* so does abundant there to see if there was fruit, *Cipis tuberosa* but I could find no trace. I found one flower stalk with flower fallen off and the stalk dead and about to drop off from the stem - I have seen no reference to this look of fruit.

From here we proceeded home to dinner.

This afternoon I was busy with my plants & later Mr. & Mrs. Johnson called. I showed them the moon & Jupiter. The moon was never more brilliant.

This evening I staid a while at the Farm -

I collected to-day:

Botrychium obliquum Muhl. Wheeler's Cemetery, grass land.
Sium cicutifolium Schrank. ^{middle} gravelly river bank, Wheeler's.
Betula frondosa L. Fruit. Gravelly river bank, "

Shelburne, N.H.

1915

Sept. 19

Sun and cloud, calm, rain between 5 & 6 P.M.

This morning I was busy writing letters. Miss Sally & Clara Howe and I called on Mrs. Wright, Mr. coming a little later. Mrs. Wright has been an invalid all summer. She goes back to Cambridge tomorrow.

This afternoon I read aloud a little on the piazza and then Mr. Sprague & I strolled back into the woods as far as Caroline Ledge. Approaching rain drove us home in a hurry. We found here Prof. & Clara Emerton and we all had a good talk.

After supper I talked with Mr. Drew in regard to the enlargement of a map he wanted done & then I returned home & soon after we examined the moon & Jupiter as the heavy clouds were scattering. Tycho & Copernicus are among the most interesting features and they are now in good position.

We celebrated Miss Brown's birthday this evening. It comes to-morrow. I gave her John Wesley's Journal in 4 vols. (Everyman) & he gave her money.

If all goes well I shall take the Crow-
ford Hotel trip to-morrow.

I collected to-day
Hamamelis virginiana L.

Now in good flower on the slope north
of the cottage.

Shelburne, N.H.

1915
Sept. 20
(1)

Clear as crystal, calm, mild -

A trip round the White Mountains.

This morning at about 9 o'clock a party of us in two automobiles made a trip completely around Mt. Washington, through Pinkham Notch, Jackson, Glen Sta., up through Crawford Notch, Bretton Woods, round Cherry Mt., Waumbek House, Jefferson, Jefferson Highlands, Randolph, Sohier, Shelburne reaching home by 5.30 P.M. - The party consisted of Mrs. & Miss Lucy Drew, Mr. & Mrs. McIntire, Miss Sarah Barrow, Clara & Lois Howe & I with two chauffeurs. The air was as crystal clear as could possibly be and I never saw the fine details of mountain, cliff, ravine, falls and the like more clearly. It was a continuous panorama of beauty. I carried a map of details and I was told yesterday by Mr. Sprague to pick out certain falls, cliffs, ledges, mountains and the like which he had often visited either alone or with others, A. S. Pease among them.

We found the roads wonderfully good, almost all the way, we did not hurry at all, and, when we wanted to, we stopped to examine some special view. My binoculars I used freely, and the clear details were fascinating. We paused at and a little beyond the Glen and examined Madison, Adams, Jefferson & Washington.

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Sept. 20
(2)

The halfway base of Chandler's Ridge and the buildings on the summit were very clear and I was much interested in the Kneel of Jefferson on that. Mr. Sprague called my especial attention to. The Chimney wall in Huntington's Ravine and Raymond Cataract, gleaming white high up a little beyond. I especially examined. Lately Mr. Sprague three times climbed up to the Cataract.

We stopped at Glen Ellis Falls and some of the party went to the foot. I went down about half way and saw the Falls from the Platform. I on a former visit, photographed them. Then we glided on to Jefferson and to Glen Station, getting views of Mount Put. & Kearsarge. We followed up the Lewis River and I examined particularly Hart's Ledge where DeRose has lately done so good botanizing. From there we turned north and the mountains began to close in, till finally we stopped between Mrs. Webster & Willard for lunch. This is right in Crawford Notch and there two heights are wonderfully impressive. ~~The Colburns of the old Valley House is still there.~~ We enjoyed our rest by the brook under the trees and I put into my botany box some fruiting specimens of White Snake-root (*Eupatorium verticillifolium* Richard) growing under the trees in the rocky soil. I saw more by the road near by. I have not seen

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Sept. 20
(3)

this plant up here before. Mt Willard is a
 frightful cliff on the north side. A little
 before we reached this point we passed Mt.
 Willey on our left and saw the old cellar
 where the water stood before the avalanche.
 After lunch we passed on through the gate-
 way to the hotel where there is just space
 for the railroad & the carriage road and
 between them the small stream of the Saco
 River which rises in the pond just above.
 We passed on to Goette's Woods and paused
 to get the view of the big range. Morison &
 Adams are not visible, but all the other
 mountains from a noble mass, Jefferson,
 Clay, Washington with 3 trains visible crawling
 along on the mountain side, Monroe, Franklins
 Pleasant with its rounded dome, Cleburne
 Jackson, Webster. The huge Mt. Washington
 Hotel is beautifully surrounded by ex-
 tensive lawns, golf courses & driveways.
 We now entered the valley of the Cam-
 monookuc River which we followed
 down past the Mt. Pleasant Hotel, Coe
 Fabians, entirely given up to Jews. Every body
 about the house and in the piazzas
 was unmistakably a Jew. White Mountain
 House & Wine Mt. House where we turned
 north and skirted Cherry Mt. We
 paused on the upper part of the road
 and had an extensive view of the
 country to the north and west, including

Shelburne N.H.

1915
Sept. 20

(4)

Mts. Pleasant & Prospect, the Mt. View House in Whitefield, and I could see plainly with my binoculars Uncle Robert's house with its tower. I thought of the summers we spent there. In the south was Lafayette. We dropped into Jefferson Meadows and passed by the Waumbek House at the foot of Star King and then home through Ft. Highlands, Randolph & Gorham. It was an ideal day, from start to finish —

This evening we went to the Casino, where Mrs. Sheppard in, with others and heard Mrs. Ross on the piano (Wonderful), Miss Smith (sings), Helen Emerton (violin)

This morning before breakfast, from the Ravens? piazza of the Farm, I saw two Crows by the Creek close to the road over it. They were apparently very large and are undoubtedly the birds which Miss Caroline G. Small calls Ravens. No other birds were near them. They rose from the Creek border with graceful swoops keeping very near the ground. One of them flew beyond the other across the lower interval and, as he approached the fence in a gliding curve upward, he alighted on it. Soon the other followed in the same manner and alighted close beside the first one. I then had to leave them. They seemed very large and much larger than the Common Crow. No Crows were about. [subsequent observation showed that they were Crows.]

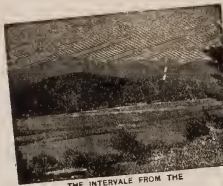
I collected today:

Eupatorium verticillifolium Reichenb.

Rocky woods, Crawford notch between Webster & Millard.
In fruit -

Shelburne, N.H.

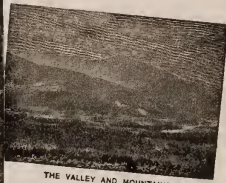
1915
Sept. 20
(5)



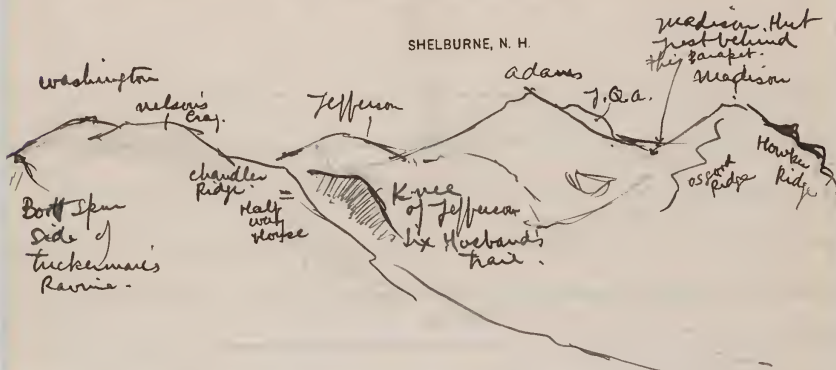
THE INTERVAL FROM THE PINE GROVE



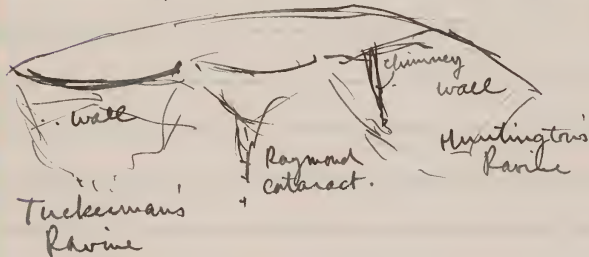
PHILBROOK FARM



THE VALLEY AND MOUNTAINS FROM GASOT



Presidential Range from the Glen valley.



By A. C. Sprague

Sept. 20-1915

Shelburne, N.H.

1915
Sept. 21

Rainy, windy chilly day, in evening clearing with swiftly drifting clouds revealing & obscuring the nearly full moon and Jupiter -

^To-day has been a day after the ball. I have been quiet, writing my journal and some letters, and this afternoon Mr. Sprague came up and we had a long talk over my trip of yesterday. He explained many points in topography for his knowledge of the whole region is supreme -

^This afternoon there came up to talk and drink tea - Clara & Lois Howe, the two Musers Dwight, Mrs. Sheffield, Mr. Sprague.

Invited guests who did not come were; Mrs. J. H. Morse, Miss Mary L. Fay, Miss E. P. Hammond Miss Sally Howe and Miss Elizabeth Smith -

^The rain came down in sheets at the time we had a pleasant time till supper time I showed those who wanted to know, how I pressed plants -

^This evening I staid rather late at the Farm, talking in the sitting room with friends - As I came home about 9 o'clock the wind was very strong and the heavy broken clouds were drifting swiftly. The moon shed a strong light as it broke out from under a cloud, only to pass rapidly under another -

^The war news is discomfing, the Russians are hard put, I fear, to escape east from Vilna -

Shelburne, N.H.

1915
Sept. 22

Clear, with clouds, heavy wind from the west,
very cold -

I have been at home to-day, not being quite up to the mark. This morning I worked on my plants and on my marsh paper -

This afternoon Mr. Spvague came up and spent the time with me. We examined the garden work that Miss Brown has been doing, quite transforming the area south of our cottage. We discussed the first part of my marsh paper and he drew me a map of Mt. Washington showing the ravines, trails, cross roads, ponds and local names, &c. I shall insert it in my journal -

The sunset was grand, the colors on the clouds wonderful. A rich rose-purple covered Madison, Adams, and the clouds about them. We were all much impressed -

This evening Miss Rous of Baltimore who is here with her mother played for us in the Farm parlor. It was a great treat.

The heavens this evening are crystal clear, the moon, nearly full, and close by, Jupiter, shine with dazzling brilliancy.

Shelburne, N.H.

1915

Sept. 23

(1)

Clear as crystal, calm, very cool.

- A trip to Dixville Notch -

This morning Clara & Lois Howe, Mr. Spurgeon & I with Celeste, chauffeur and the car made a trip through Dixville Notch. It was a glorious ride. The air was never clearer and the views were fine. We went through Gorham, Berlin, Milan, Dummer, Errol to Dixville. Goose Egg stood out finely on the east flanked by fine mountains and we stopped at times to photograph or rest. We followed the Androscoggin closely to Errol and the 13 miles drive through the woods in pleasant shade close by the river without a house was delicious. The pointed firs, with spires against the sky, by the rippling water was exquisite. At Errol we turned west straight for the notch, following Clear Stream and at last the mountains closed in about us and we entered the famous Notch. I was there in the early 60's with Geo. Dexter and others but my recollections were vague. The tilted strata of stratified rocks are cut through, and towering cliffs, apparently overhanging in places are wonderfully impressive. Table Rock is one of these. Photographs & sketches were taken and we had lunch in the hotel under the cliffs in the shade. In the dark rock there is more a less quartz and we

Shelburne, N.H.

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Sept. 23

took back some pieces.

(2)

After lunch we went a short distance and saw the country stretching over into Vermont, with Vermont Monadnock west of us. We circled round by the The Balsams a fine large hotel and returned through the Hotel home the way ~~the~~ we came. Total distance 117 miles. At Errol we went a mile beyond to see Errol Dam, a most interesting structure, built many years ago to regulate and control the flow of the Androscoggin River. There are many locks and gates, and water can be held back in dry seasons and let in at will. The logs coming down in the spring drives go through a given lock guided by booms above.

In the flooded area above the dam, I watched through my binoculars a Muskrat sitting on a rock that projects just above the water some distance from shore. He sat close to the water and was busy eating something. Soon he swam off 25 ft. + more, reappearing after a quarter of a minute, returning to the rock again and eating as before. He had some vegetable matter brought up from the bottom of the river.

We got home by 7 P.M. Jupiter & Moon lighting the way. Ten or more we saw were breaking up log jams in the river with cut-dogs, pick-poles & dynamite, the last making great water sprouts.

I collected to-day:

- Sedum groenlandicum* Ledeb. } Dixville Notch near road
- Vaccinium Vitis-Idaea* L., var *minus* Lord. } foot of Table Rock,
- Carex puniceus* L. } Roadside, a tall branching plant, Dummer

Shelburne, N.H.

1915
Sept 24

Cloudy all day, a few rain drops, calm, cool.

This morning was spent over work in my study, journal writing, work on plants, business with J.R. Churchill, &c.

This afternoon Miss Hammond came up and read a play that she had written to be acted at a small private club of ladies.

It was wonderfully written and was one continuous string of bits and good plain expressions. There were here Miss Fay, Clara, Lois & Miss Sally Howe, Mrs. Sheffield & Mrs. Morse. After the reading we had calls from Miss Chase, Miss Hildrette, Miss Wideman & Miss Stone. This lasted till supper time.

This evening Miss Simpson called and witnessed my signature to a paper for J.R. Churchill. Later Miss Ross played for us as exquisitely as ever. She is ever ready to play.

This morning early Mr. Sprague went to Berlin by auto & electric and started to walk 9 miles in to Goose Eye, and then up the mountain. He was to return this evening but when we left the main house at 7 o'clock he had not returned. We do not like to have him do this, alone. An ankle may get twisted or some accident occur that would cripple him without a companion. I shall send Reed now till morning when he is.

Shelburne, N.H.

1915
Sept. 25

Cloudy, calm, chilly -

This morning we were glad to see Mr. Sprague safe & sound. He walked from Berlin to and up Goose Eye and back to Berlin and from Goose home, in all 29 miles!! Good time. He came up here this morning and later he & I went over the Knubble where I collected a few fruiting plants.

This afternoon I talked with Mr. Sprague a while and by 3:30 I bade him good-bye. He went to Boston and we waved him off, as the train passed -

At 4 P.M. we had an afternoon tea. Present,
Prof. & Mrs. George Chase, New York City
Miss Jessie " " "
Mrs. Charles Ross, Baltimore, Md.
Miss Marion Charles " " " wonderful pianist
Miss Elizabeth Smith, Lexington, Mass.
" Gertrude " " "

Miss Hildreth } were unable to come.
Miss Walter }

We had a very bright time. I showed them my work on my plants, insects, etc. etc.

This evening I was at the Farm for a while, then I came up here & laid out my plants

I collected this A.M. on the Knubble in shady light woods the following in fruit:
Meibomia canadense Desf.
Habenaria Hookeri Torr. Fruit green, turning; seeds ripe.
Actaea alba (L.) Mill. fr. sent to Max, Hb., Wash.
Pyrola secunda L.

" *americana* Sweet
Viburnum acerifolium L.

Shelburne, N.H.

1915
Sept 26

Morning cloudy, afternoon rain began about 3 or 4 o'clock after a breaking of the clouds and an apparent clearing up, the wind west and the sun pouring through the drifting cloud. Soon it clouded over heavily, the wind increased to a gale and the rain came dashing down. Fierce wind continued into the night. Rain slackened.

This morning I wrote letters and did some work on my marble paper. This work I continued through much of the afternoon. Then I read a novel for a wonder 'The Poison Belt' by Conan Doyle a very clever bit of work. I finished it this evening.

The fierce gale this afternoon & evening kept us in the house and we did not go down to supper, but had a simple repast here. Later in the evening George came up and brought some supper from the Farm. At present writing, 9 P.M., the wind is very strong, howling round the house in a terrific, really frightful manner. The rain dashes against ~~against~~ the window panes. The gale seems capable of blowing anything over. I wish it would stop.

To-day I went over my plants still in press and removed a number. I have not much in press now.

Ens aut'd to Umbagog to-day and he must have had a hard ride back. I shall hear about it to-morrow.

Shelburne, N.H.

1915
Sept. 27

Fierce gale through the night, and with diminishing intensity through the day. Sun at times. Some rain quieter in evening, but wind strong at 9 P.M.

Last night the wind increased and we sat *Fair* pale up till 12:30 to 1.00 before retiring. The trees were lashing in a terrific manner and the brilliant moon & Jupiter shone above and made the night clear as the day. The clouds drove over them with great rapidity, covering and uncovering every moment. We watched the scene from our various windows. The birches were lashing themselves and bending almost horizontally and the big elms seemed unable to bear the strain. They held out however. We did not venture down to supper, and later George appeared with a basket of food. My telescope stand was blown over for the first time. It stopped on the bend of the hill slope.

This morning we saw the Farman's tent torn to shreds. The wind was still beating about the canvas. I photographed them to show *Mr. Vragus* what had become of his sleeping quarters. The poles were down and the canvas flapping in strips over the bed. I also photo'd some pines on the slope back of the house, ~~that~~ had been uprooted. I got back safely last evening from Umbagog after many adventures.

Today has been spent mainly ~~at~~ home, reading aloud the papers & magazines and working in my room. At the farm we all talked over the gale which was wide spread.

This evening we spent till 8:30 at the farm - A big fire of logs glows on the hearth -

Shelburne, N.H.

1915
Sept. 28

Heavy cloud & wind all day, cold.

The wind, while much less, than on the afternoon & night of Sunday, the 26th, is very strong and the air is cold.

This morning Gus invited Albrt Briggs who came recently, Mr. Garrison and me to drive to Gorham with him - He had a good time, and we saw the many broken & uprooted trees that the gale had destroyed - Elms, maples, oaks & pines were met every moment, prostrate, the earth covered roots, projecting into the air. It was very cold and my carriage and robes were none too much. Returning Mr. Garrison & I walked 2 miles after in the brush. Endicot & Randal met us & took us back & we returned home.

This afternoon Mr. Harrison, Mr. Garrison, Miss B. & I devastated walked down the road. Endicot & Randal picked up the Garrison by cyclone for a ride. The rest after watching the cutting of corn for the silo at Hamlin Farm, went on to Cathedral Woods which we entered. There we saw devastation. A swath ¹⁰⁰⁻²⁰⁰ 75-100 ft. wide was cut by a cyclone for a length of 300 or more yards, the trees mainly White Pines lying prostrate all in a northeasterly direction. They were from 2 ft. across at the base to less and most were torn up to the roots, some were snapped in two some feet above the ground. A good sized Norway Pine stood erect in the midst of the desolation.

On our return there came to an informal tea: Mrs. H. Mrs. J. J. Dred, the Misses Dwight, the 3 Misses Howe, Mrs. Shuffield. Misses but not present, Miss Hammond, who came later, Mr. Garrison.

Evening at the farm. I collected to-day:

Tris versicolor L. Fruit, bog Hamlin pasture just opp. the house.
Gaultheria procumbens L. Hamlin's woods, near Cathedral woods.

Shelburne, N.H.

1915
Sept. 29

Cloudy, quite cool, sun breaking out at times
Wind nearly gone down

This morning & afternoon write friends,
Mr. & Mrs. Brown among those in the afternoon,
I walked over to the scene of the tornado The tornado
in Cathedral woods - We examined the
situation carefully and measured one fallen
White Pine that was $4\frac{1}{2}$ ft. round, 3 ft.
up, and 85 ft. in height. That was the
largest we could find - It was a sad sight
to see so much wood, ~~but~~ product of quite
a good many years destroyed in a minute.
Mr. Drew, Mr. Garrison & I with others quite agreed that
the uprooting of these pines, several hundred in num-
ber, was the work of a minute or less, they
were doubtless lashing for some time as the
marks of violent friction showed, but the actual
uprooting was, we thought doubtless the work
of a sudden swift passage of the gale.

I have had many letters to write to-day
to R. H. Bailey, C. A. Weatherly, J. R. Chamberlaine
Mrs. C. F. Wolfe in re a box of pressed ferns
that had belonged to her grandfather, she
wants to sell the work - It is at Clark's in
Boston. R. C. Ward has examined it for me &
reported on it. Its value is entirely as a sou-
venir of Joseph Jefferson -

Clara Lois & Sally Howe went off this A.M.
for Cambridge Mrs. Lucy Drew went too.

I collected to-day

Zotocleimus ternatum (Thunb.) Sw., var. *intermedium* D. C. Eaton
~~with the specimens of~~ *Quelcherna procumbens* L.
Cathedral Woods -

Shelburne, N.H.

1915
Sept 30

Clear as crystal, calm, cold.

The first sight to greet us this morning was the big mountains white with snow. Two autos were filled after breakfast. In the one from Gilead with our former driver ^{was a} ^{man?} ^{Miss Adeline F. Kroutzer} were Miss Hildreth, Miss ^{Woe}, Miss ^{Hopson}, Miss Chase & I. We drove as far as Glen Ellis Falls. The views were glorious and I took six 4x5 pictures.

1 from Mt. Hildreth, 2 Jefferson in center, 3 to right of 2, 4 to left of 2, 5 Tuckerman Ravine, Raymond Cataract, Huntington Ravine, 6 top of Mt. W.

At Glen Ellis Falls we found the path leading in a scene of devastation from the fall, huge trees uprooted and lying here & there. It was a wonderful sight. I saw the Falls again. We returned home to dinner stopping at Shays to leave my film.

This afternoon I wrote letters and later Miss Hammond came up and read to us the 1st Act of her play Shakespearean style. It is very beautiful and splendidly done. Mrs. Morse called.

This evening I heard Mr. Garrison play on his violin with Miss Smith at the piano. She sang. Well done. Then I took up to the house Misses Elizabeth Smith, Miss Hildreth, Mrs. Ross, Miss ^{Woe}, Miss Kroutzer, the two Misses Dwight and showed them Jupiter and his moons, the nebulae in Cygnus and Hercules and the double star in the Dipper & Algol.

M. has been at home to-day with a little cold. It does not seem to increase ~

Shelburne, N.H.

1915
Oct, 1

Sunny and cloudy, air bracing -

We are starting in our last month I can't realize that June, July, Aug. & Sept. have gone by and we are on the home stretch.

This morning Mr. & Mrs. Garrison & I with Gus auto'd to Gorham on errands. The air was very bracing and the views as always, fine. At Shore's I got a number of post-cards showing the White Mountain trails, peaks, etc

This afternoon I spent much of it over Gus's telescope that Mr. Weston gave him. It is a good glass, 3 in. diam, and I tested it on the tripod on Caribou and on Mt. Madison. I want to try it on Jupiter the next pleasant evening.

My photographs of yesterday have come and they are quite satisfactory.

Mrs. Wm. Whitney came this evening for a visit. I saw her at supper, I don't quite see why she has come. She is alone, I introduced her to a number of the people.

Mr. is still hoarse and she coughs a little. We trust the cold will not go down.

This morn'g at 4.45 I looked out of the south window and in the crystal sky on the meridian was Arion sparkling bright, with Sirius near by, our brightest star. A beautiful sight. Arion
+
Sirius
at 4.45 A.M.

At 7 A.M. I saw from my window a Great Blue Heron ~~or Blue Heron~~ fishing in the Creek close to the Knobbles - I saw the bird but three times this season. Sept. 11, 14 & today -

Shelburne, N.H.

1915
Oct. 2

Rainy day, calm, chilly -

To-day has been a wet one. I have been busy at home with the exception of some at the Farm among the people there. Howard Philbrook has been here most of the day. He came last evening. He is a fine fellow with large responsibilities.

This noon's mail brought me a letter from Charlie Batehelder & a package of grasses to be named. I named them and have the package ready to go back Monday. Charlie is in Cambridge again. Mrs. Batehelder now runs a car and lately auto'd to Peterborough and back in a day! What next?

The war news is always absorbing and I read almost much to-day. Bulgaria is evidently on the point of entering the war with Germany in which case she will have Greece & Serbia at her. The Allies have been making gains in the West. May it continue.

Collecting plants is practically over for the season, but I collect to-day;

- Spiraea latifolia* Borkh.
- " *tomentosa* L.
- Dirivilla Lonicera* Mill.

Fruit, open dry land by an cottage.
Gnaphalium decurrens Pres.

Fruit, dry, grassy slope of our hill below the Telescope stand.

I have pressed thus far 1208 sheets.

Shelburne Vt.

1915
Oct. 3

Clear, cool, calm, evening brilliant.

Mrs. has been progressing all day and we feel that she is getting over her cold nicely.

This morning I spent some time at the Farm talking by the fire. I wandered over the hill back of the Farm & examined the two big White Pines that were down. The large roots projected in every direction - I am impressed by the shallowness of the roots in the soil - their hold seems so slight and yet they reach such an old age, or they used to.

This afternoon Miss Brown & I took a walk down the road to the Farm opposite Evans Cottage. We called on Miss Stone & Miss Hilman. Miss Stone was out but we had a pleasant talk with Miss Hilman. I collected a few plants on the walk.

This evening I staid a while at the Farm & heard Mrs. Smith & Mr. Garrison play & sing. Mr. Garrison plays very sweetly on his violin. Returning home I found the heavens brilliant so I took out Mr. Philbrook's 3-inch terrestrial telescope and tested it on Jupiter. The field is very clear, the moons were more brilliant than in my Equatorial, but Jupiter seemed a little smaller. Mr. Philbrook should be congratulated on having this instrument.

I have much many letters to day & practically finished my work paper. I collected to-day

Lycopodium obscurum L. *Passiflora*, back of Farm.
Conoclea strachtiopsis (L.) Hoffm. The Fall off, Evans house
Hedeoma pulegioides (L.) Pers. Evans' vegetable garden off house
Steironema ciliatum (L.) Raf. The Farm off, Evans house low ground.

Shelburne, N.H.

1915
Oct, 7

Clear, calm, air, warm & fresh.

This has been an ideal day -

In the morning I strolled down to the river with Mr. & Mrs. Garrison. We walked over to the Island and sat on the high bank above the river watching a flock of five Mergansers in the water a little way off. They presently arose and flew over us in a wide circle. A Black Duck flew by also, and, on a log behind the tumbled, sat a fine Great Blue Heron. Soon he arose followed by another, and together they flew off down stream, looking very large. It was like a summer day.

This afternoon I was busy at home, Miss Stone called and later Mr. & Mrs. Mc Intire & Miss Barrow.

This evening I skomed Jupiter's rooms to George, who works in the place, Dean who works in the kitchen and to Harry who lives in Silead & is here for a couple of days to run Gus's car.

Then I went to the Farm, wrote letters and heard music.

We hear that Mrs. George Jeffers son has been killed in the Dardanelles. It is too terrible for words. This war grows more and more fierce and more & more are involved in it. Now the Balkan States are hanging in the balance -

Mrs. Cold is about gone. She has been to all meals to-day

Shelburne, N.H.

1915
Oct. 5

Rain, a little wind, mild -

Another disagreeable day - M. felt her head tired this morning and she has kept in.

This morning I wrote letters, and went over my plants in press. The stubborn fruits are gradually yielding - Collecting is practically over now.

This afternoon I read about most of the time from one of my astronomical books, and from the paper and the Outlook. I cannot feel at present that the outlook for the Allies is very bright.

How can Serbia keep from getting crushed between Germany-Austria and Bulgaria who is certainly about to enter the war.

I have good letters from Rand and Batchelder, recounting the events of the week of Oct. 1.

On October 1 scarcely a single bit of autumnal color was to be seen. Autumnal colors
There is a real change and it has come on very suddenly within 2 or 3 days at most. When the sun shines we shall see a decided change

Shelburne, N.H.

1915
Oct. 6

Heavy clouds all day, calm, mild, the air soft, but no sun -

This morning I worked at home writing letters and going over my plants. I have begun to label Miss Fay's set. About noon Miss Brown & I walked through the woods as far as Higgins Rock. The traces of the wind storm of Sept 26 were only too visible. One White Pine about 2 ft. through was snapped off some 5 ft. up like a pipe stem and many others were lying about. The leaves on the tops of the deciduous trees are torn in shreds, parts of them still on the trees.

This afternoon I spent some time tettering at the Farm and later I read & wrote at my cottage. I had a good letter today from J. R. Churchill on business and on the Club meeting.

Miss Gertrude Smith sang Limericks this evening, as she often does, much to our amusement.

I collected today:
Polypodium vulgare L.
On a shelving rock in the woods
at the foot of Higgins Rock,

Shelburne, N.H.

1915
Oct. 7

Heavy clouds all day very chilly, calm.

The sun will never shine -

This morning we three took a walk through the Scudder pasture and a little way into the wood. We examined more fine fallow trees, they are everywhere, I ascended the Presidential Platform but heavy clouds shrouded the big hills - The cold is coming rapidly, Two fine white Buches in the n.w. corner of the pasture are down, their roots mingling with those of a huge prostrate White Pine that had blown down probably 50 yrs ago.

The woods were very silent,

This afternoon Gus, Albert Briggs and I drove to Berlin on various errands. As Gus was busy, we drove on a little & crossed the covered bridge to the east side of the river and went a little way on where I had not been before. We returned, picked up Gus & returned home doing so errands in Colman.

This evening I have been busy enough writing letters which seem my occupation now

The war news is very disquieting - Will Germany get through Serbia? Will Greece remain neutral?

I collected to-day;

Bideas cernua L.

Fruit - Bog, edge of woods, just off n.w. corner of Scudder pasture -

The cons were put into the upper interval to-day -

Shelburne, N.H.

1915
Oct. 8

Cloudy all day, smart rain early hours before breakfast - Cool, calm.

This morning worked at home and later with Mr. Garrison, went over the Krumble - Fall is indeed at hand. The leaves are turning in all the smaller & larger plants and many have fallen.

This afternoon I read the paper carefully with my map and I realize the fierce drive of the German-Austrian forces in northern Serbia. They have crossed over in the northern part in three places, over the Danube, the Save and the Drina Rivers. They want the control of the railway from Belgrade s.e. into Bulgaria in general along the line of the Morava River. What will hold them back? Greece refuses to move -

We had a tea this afternoon at 4 o'clock:

Those present were:

Mr. H. M. Whitney, Mr. & Mrs. F. W. Garrison, the two nurses Dwight, Mrs. ^{G. D.} Sheffield, Mr. & Mrs. ^{F. D.} Mc Intire & Mrs. ^{Sarah Gope} Garrad - Mrs. Endicott, Miss Fannie & Mayorie were invited, but couldn't come -

This evening we staid at the Farm and had some delightful music from Miss Gertrude ^{Smith} on piano, & singing and Mr. Garrison on his violin -

I collected today:
Habensaria Hookeri Torr.

Krumble, a plant with one ripe fruit, & plucking sp.

Shelburne N.H.

1915
Oct. 9

Cloudy, with a little sunshine, calm, cold.

This morning I was busy with my plants. I am getting ready now to label them. Yesterday I labelled Miss Fay's Malone, N.Y., collection. I wrote v. I sent to Miss Mary A. Doe, Riverbank Court, Cambridge, copies of the White Mt. photos I took of September 30.

This afternoon I walked with Mr. & Mrs. B. over the intervals to the river and then over to the upper interval. I visited the potato field where the potatoes have been dug, and, as I suspected, there were a good number of Titlarks walking and running about and occasionally whirring from one part of the field to another, and uttering soft notes.

Titlark

This morning I saw a Winter Wren on the fence ^{Winter Wren} rail back of Pine Grove and, going some to dinner, I got very close to another bird, perhaps the same Wren, by the bridge over Ementau Creek by Pine Grove. He hopped merrily, low near the ground from branch to branch.

This evening we staid at the Farm, talking and listening to Mr. Garrison & Miss Smith, piano, voice & violin.

The stars & Jupiter are wonderfully clear. J. A. Rose Rebecca Rose writes me that her father arrived Wed. the 6th, returns! Poor weather is at home sick -

I collected today: weeds by The Philbrook Barn:
Rumex crispus L.

Chenopodium album L., var. *viride* (L.) Moench.

Amaranthus retroflexus L.

Plantago major L.

Shelburne, N.H.

1915
Oct. 10

Clear, with heavy clouds, cold, windy.

This morning after some letter writing which takes up so much time I took a stroll with Miss Brown and Mr. Garrison. The foliage is now changing rapidly and beautifully and it will be at its height ere long. We went to Evans and then turned in and went along the foot of Cross Neck nearly to the old Wheeler Pasture. Then we returned round Wheeler Pond. We saw many fine birches & oaks down. The gale of Sept. 26 has left its mark everywhere. On the way back we met and had a pleasant talk with Callery Wheeler who is full of his family history. The cellar in the old Wheeler Pasture is about one hundred years old.

This afternoon more letters and then I took my ease in the open field and read with much interest "Red-clover Seed Production: Pollinating Studies" by a corps of men of the U.S. Dept. Agric. Ind. Agriculture Experiment Sta. & Iowa etc. The results show the cross-fertilization by Bumblebee or Honeybees is necessary for the production of seeds. Much prof. & con. has been written in this subject since 1883.

This evening I read aloud the Harvard Alumni Bulletin and later we looked at Jupiter through the telescope. The satellites this year are often above each other in a way not observed last year.

I collected today, fruit of:
Linnaea tetrum canadense Desf. Top of Pine Grove in shade.
Desmodium canadense (L.) DC. Sta. behind Farm house of
This makes 1234 sheets.

Shelburne, N.H.

1915
Oct. 11

Clear cool, at first cold, bracing, calm.
Mercury last night the lowest 29°F.

This morning for a while the white frost covered everything. I was busy at home writing and reading the paper, etc.

This afternoon I read aloud and worked on my March paper. This evening I have finished it as far as I think I can. I feel that it has a continuity and I am glad to have it finished.

I received to-day samples of a new botanical label for my Shelburne plants from The Mountaineer, Gorham. It is very satisfactory and I have ordered 1500 as I have over 1200 sheets. I want to do what labelling I can before I return.

This evening I have been busy with my March paper. I have had the telescope out. The satellites this year are more out of line than I ever noticed them last season. This evening was, $\text{---} \ominus$
I don't understand it.

I collected to-day:
Euphatorium decurrens Pres.

Slope of our hill, dry grass land - Fruit.

Shelburne N.H.

1915
Oct 12

Clear, with light cloud, warm, calm.

This is a remarkable change. Last night the mercury went down to 30° F and yet to-day it has been delightfully warm with a highest temperature of 73° . After some writing, I took a walk with Miss Brown on the Yellow Trail. We turned off from the trail and followed the Hamlin wood road to the rocky, hilly pasture to the north, cut over 7 or 8 years ago. I had never been there. It is a desolate hill covered with stumps & huge boulders. We climbed it and had a superb view of Baldcap & Craig and the big mountains. I saw 3 Red-tailed Red-tails Hawks soaring above. One of them alighted on the tip of a very tall stump and stood there for several minutes with outspread wings. As he soared in circles he displayed his brick-red tail to advantage. We followed on to Mill Brook and crossed a logging road that Charles Hubbard is making to drain out bobbin wood in the winter. We returned by the Yellow Trail to dinner.

This afternoon we read a good deal in the piazza and I wrote to Theo. Holm & Colas. E. Faxon in regard to some trips of evergreens Holm wanted.

This evening Albert & Catharine Briggs came up to the cottage and showed us a series of photographs made by Mrs. Moller & her son, H. B. Moller of their remarkable little birds and groups of themselves in poses all done in the woods near Gates Cottage. Most strange & interesting.

Wed. Rand is near the winding up of the Estate business I collected to-day:

Gnaphalium polycephalum Michx. Abundant on the rocky pasture north of Hamlin's woods near Mill Brook. ^{spreading}
Hieracium aurantiacum L. In spots, same locality.

Shelburne, N.H.

1915

Oct. 13

Clear, calm, warm, a perfect day -

It has been an ideal day. This morning Gus drove Miss Brown, Catherine & me down to Wilson's by Hark Hill. It was a great pleasure to drive behind a horse. The foliage was brilliant and the air delicious. From the road by Hark Hill we saw a flock of 15 Black Ducks, 5 of them about half grown, in the river. My glass showed them very clearly. We turned in at Wilson's and drove down over the intervals to the river. The Ducks rose at our close approach and flew off - skirting the ^{bank} in our course we found a clump of High-bush Cranberries as Mrs. Wilson had directed and we picked a large basket-full. All kindly contributed ^{to} one basket, so we have enough for preserves. The heavily-laden bushes made a beautiful cloud before we picked them. Returning, we drove through the woods at the base of Hark Hill as far as Crows nest and then took the road home round Wheeler Pond -

This afternoon I read aloud on the piazza, in the warm sun, the newspaper and a novel. The news is as bad as can be. Serbia is being crushed between the Austro-Germans & Bulgaria! London admits that the Allies' Cause is in danger. The Allies have been outwitted in diplomacy.

This evening I spent much of my time with an electric light, my Manograph showing constellations especially Pisces, Aquarius, Capricornus, Vulpecula, Sagitta, Aquila, &c, &c.

I collected today:

Tsaga canadensis (L.) Carr. Fruit. Woods near foot of Crows nest,

Shelburne, N.H.

1915
Oct 14

Clear morning, clouds gathering in afternoon.
Calm, warm - Rain at 10.30 P.M.

This morning I finished reading 'Conjuror's
House' by Stewart Edowhite. It is a real good
story and gives a vivid picture of far northern
life in the Hudson Bay Company.

I then left Room & I took a walk up the old
trail on Cabot as far as the 2^d brook. I
visited the station for the *Cypripedium* ~~areolatum~~ ^{areolatum}
of last June 12. The slope has a western exposure (see June 12.)
but close to the hemlock is a white birch -
I found a single stalk, sea & yellow, with no sign
of fruit. There was only a solitary bract at the
top of the stem.

We gathered a few apples in the Back Apple
Orchard - We returned in time for dinner.

This afternoon I read aloud on the piazza
the paper and "Blue Buckle" an interesting
mystery story by Wm. H. Cestbone.

We staid at the Farm some time this evening
talking in the sitting room -

I have another letter from J. N. Rose, this time
from Mendoza, Argentina, Sept. 3, written 8 days before
his letter of Sept 11 from Cordoba rec'd Oct. 8. Strange -
He says Mendoza has little rain, some years only 3 mm.!! the grape
country of Argentina, wine cheaper than water in the hotels!
Juniperus communis L., var. *depressa* Pursh.

Fruit, *Lupinus*'s pasture near entrance to Yellow & Vail.

Cypripedium areolatum R. Br. slope of Cabot. See above, June 12.
Lactuca canadensis L.

Dry grassy slope *Lupinus*'s Back Apple Orchard, slope of Cabot -
A clump of basal leaves close to but not attached to it seem to belong to it.

Shelburne, N.H.

1915

Oct. 15

Cloudy A.M. a little rain, clear & cloudy P.M.
calm, cool.

I spent part of the morning over my
press. I have still 13 sheets drying - I took
out the four sheets of High Bush Cranberry, put
in on Aug. 28 & Sept. 1!! The fruit is well
pressed and dry - I was pleased this morning
to get my new labels from Gorham. They
are very satisfactory and I have already
started labelling my plants. I have a long
job, but the more I do here, the better.

This afternoon I read aloud on the
piazza the paper & "The Blue Buckle".
The latter is a clever bit of mystery, but
too long.

This evening the heavens were wonderfully
clear. Jupiter and the moon near the first
quarter were resplendent.

Shelburne, N.H.

1915

Oct. 16

Clear, calm, cool.

It has been an ideal autumn day. The leaves are falling, and those on the trees are rich in color in the rays of the sun.

This morning I strolled up to Wiggins Rock and this afternoon Miss Brown & I took a walk to the Shelburne bridge and then along the river to the large White Pine with the monument under it. Then we walked over through the bushes to Mill Brook and followed it up a ways. The White Hazel has lost its leaves and is in full flower, always a strange sight. We returned home by the road.

This morning and afternoon I have worked hard labelling my plants. This involves some analysis and it takes time. However, all is good is so much gain when I return.

I had a good letter to-day from Mr. Theo. Horn. I can send him some specimens he wants. Helen Faber writes a most interesting letter. The war affects them very, very sadly.

This evening Mr. & Mrs. Garrison and Mrs. Sheffield came up and enjoyed seeing Jupiter, his satellites, and the moon. It is wonderfully clear.

I collected to-day:

Hamelis virginiana L. Seefenstern in flower by Mill Brook
Cornus elaeagnifolia (L.) BSP. a pocket of fruit from
 same station as 16 Aug. 18 & Sept. 22, 1914

Shelburne, N.H.

1915
Oct. 17

Clear, crisp, sun warm at noon -

A glorious autumn day.

This morning Mr. Sheffield, Min B. & I walked up Craig taking the usual route by Mill Brook. The changing foliage with the brilliant sun reflected on it made a beautiful sight. At the summit, 1420 ft. (about 700 ft above the valley) we rested and enjoyed the exquisite views. Then we descended by the path to Gates Cottage, a route I had never taken. The views of 1st Mt. and of Bald Cap are very fine, the descent is much steeper, and somewhat rougher but on the whole more attractive I think than the other. Close to the foot of the trail we passed the remarkable buildings of Mr. Moller & his mother. We reached home in time for dinner.

This afternoon we all spent at home. I wrote letters and labelled plants - We return home on Oct. 27 and I want to accomplish what I can before then.

This evening I gave a short talk to five of the men in the place John Dean, Clave, George & the Frenchman on the heavens and then showed them Jupiter, his satellites, the moon, & double star in the dipper. They showed the deepest interest and enthusiasm, having never seen these things before. I was as interested as they were - Before they came I showed Mrs. H.M. Whitney the heavens and she was extremely interested, too. The Frenchman wished the Germans were in the moon!!

Shelburne, N.H.

1915
Oct 18

Cloudy, with sun, cool, calm -

This morning I was busy labelling plants I am making headway.

A letter from Clara Howe says that Mrs. Wheeler will have the Shakespeare Club on November 2. So I must send off the notices Wed. A.M.

This afternoon, after some labelling, Mrs. Brown & I went over to the Yellow Trail and I hunted for young plants of *Juniperus communis*, var. *depressa* for T. Holm. We visited both plants, the one near the beginning of the Yellow Trails and another one nearer Saighton's Barn, but there are none. However I took a piece with roots of an old one for T.H. wants roots - then we wandered in Saighton's woods and found many lovely spots. We came out on the road leading up to the Back Orchard. I got a number of small pins to send T. Holm who wants the roots for study.

I found, on lifting up a dead rotten branch, a brown lizard that I shall take to G. M. Allen -

This evening I got ready the box for T. Holm and shall send it to-morrow morning. Then I filled out the Shakespeare notices, and then I read aloud in "The Blue Buckle" -

I collected today in Saighton's shady woods.
Lycopodium annotinum L. leaves distinctly serrate.
• *clavatum* L., var. *monostachyon* Griseb. & Hook.

Michella repens L. Fruit

Shelburne, N.H.

1915
Oct. 19

Cloudy cool with rain in P.M. & evening.

I have spent much of to-day labelling my plants and am making headway.

This afternoon Miss Fanny and Mrs. Williams wife of the former minister here, and a warm friend of the Philbrokes, came up at four and staid an hour, and talked & drank tea.

Part of this afternoon and evening I read aloud & finished "The Blue Buckle". It is certainly a very clever piece of mystery, with of course, many improbable events. We were all very much interested in it.

I had letters to-day from Martha Rose who is much better, and A. C. Sprague.

To-day I folded and sent off at last the Shakespeare Notices, in ample time for the meeting on November 2.

Work began to-day on a bathroom for the third floor on the main house.

Shelburne, N.H.

1915
Oct. 20

Cloudy with a little rain, fine sunset, cool -
I have been busy today labelling plants and going over my papers, destroying many and deciding what to take home and what books to leave here.

This afternoon we had a tea:
Mrs. Henry M. Whitney
Mrs. Grace Sheffield
Mr. & Mrs. Frank W. Garrison
(Mrs. Everett was invited but could not come. Hill too much.)
This evening I worked mainly on my plants -

I collected to-day:
Amplicarpa monovica (L.) Ell.
Fr. Prods of the upper flowers by Ernestine Brook, Pine Grove along which the plant is so abundant. I have never been able to find perfect flowers on the plant at this place

Shelburne, N. H.,

1915

Oct. 21

Clear balmy, cloudy in afternoon and short smart rain. Evening clear as crystal.

This morning I examined the beautiful memorial that I received yesterday (No. 9) from Erwin F. Smith in memory of his wife. I wrote him and told him I should write again when we had read it.

I have spent a good part of the day, labelling my plants and I must be about half through -

I took a short stroll this A.M., P.M., to the Scudder Pasture to see, if possible, the fox, but in vain. Gus saw him yesterday.

Miss Lillie Smith came yesterday with her friend Mrs. Ballard & child, and Miss Monroe. He staid at the main house some time this evening -

Shelburne, N. H.

1915

Oct. 22

Clear, with glouin clouds, drifting west, breeze - cool.

This has been another perfect day -

I had a poor night from lack of sleep.

This morning after labelling plants, Min Brown & I walked for nearly 3 hours. We struck in at Evans' and climbed the pasture opposite, a thing I had never done. The views were very fine, and I was much interested in visiting the White Birch on top which I have seen from the road & field so often. It is a steep climb. I took 6 (4x5) views & 9 (2 1/2 x 4 1/4) on the slopes and top of the ridge. We struck the Crow's nest trail and returned home in time for dinner.

This afternoon I have been busy again labelling, pocketing seeds, &c and I am surely over half through.

On the nose of Crow's nest was some beautiful fern. One was that had shed its scales, a White-breasted Nuthatch was flying busily to & fro taking away the seeds that were sticking to the shelled ones. I also saw there a Fox Sparrow, while about a dozen Fox Sparrows were flying about near by uttering soft notes.

I collected to-day:

Mollugo verticillata L. *Spergula arvensis* L. a slip.
Barn yard, Philbrook Farm. Fruit.

Shelburne, N.H.

1915

Oct, 23

Cold blustering day, sun & cloud, some snow last night, & mud in the air today. Last night 31° F.

This morning I went to Gorham with Clem. Gus went as far as Gates. The leafless trees allow an open view of the mountain sides. Snow was on Leadmine Pond, and at Charles Philbrook's there was much snow on his house and in the adjoining fields. I had my hair cut at Bennett's. We picked up Gus on our return.

I have put my telescope into the box and also Gus's, and shall report to Prof. Willson in regard to it. I have also been getting things into shape for our departure next Wednesday.

This afternoon Miss Lillie Smith, Miss Elizabeth Smith, Miss Murre & little Mary Ballard came at 4 P.M. to call and we had a very pleasant time with open fire and lights. I showed them my botanical work.

This evening Miss Lillie Smith sang Wors., among other songs, Stevenson's Requiem by Homer, which we love so well.

On our return I read some on Esau & Smith's Memorial and labelled plants.

Shelburne, N.H.

1915

Oct. 24

Sunny and cloudy, cold, windy - Evening brilliant.

This morning and in fact all my spare time at home I have written letters & cards and I have been putting things into shape for leaving on Wednesday, the 27th.

This morning I walked over the intervale to the river and back of the Knubble. Fall has indeed come, and the change is striking. The steep southern slope is plainly visible throughout and I followed along the Creek to the Island and noted the flow of the water, and the division between Philbrook's & Brown's Islands. I crossed over at the east end of the Knubble and returned to the house to dinner.

This afternoon Miss Brown & I repeated the walk, only we entered the intervale at the western end and followed the line fence to the river. We wanted to see how Krightair's Black Holstein Cow, an eccentric animal got over into our intervale. We found ways through.

This evening we talked in the sitting room with Mr. Simpson about his beloved Scotland. He had much of interest to tell.

This evening the clouds cleared away and the moon just beyond full, and Jupiter shone splendid in the brilliant, cool, atmosphere, obliterating the stars very largely. Capella & Adzeberan seemed to be alone. At about ten o'clock with the Gemini rose Saturn over the hills. It was my first sight of Saturn this season.

Shelburne, N.H.

1915
Oct. 25

Clear, quite calm, cold, bracing -

This morning we were busy, going over the house, and getting ready for our departure.

This afternoon Gus invited me to drive to Gorham. Mr. Thur. Garrison went with us.

This is a charming time of the year when the eye can pierce far into the woods, which are so hidden in the summer time. We spent about an hour in Gorham, doing errands of all sorts. I called on Guy Shorey and left a roll of 12 (2 1/2 x 4 1/4) with him, & bade him good-bye till another year. I also called on Mr. Ingalls who printed my labels for me, and had a pleasant chat. On the street I met Mrs. Guy Shorey & her baby, a really beautiful child. I chatted with her.

On our return I walked down by the Island, crossing over at the east of the humbles, and studied out the intricate streams about there. I went to the end of the Island and found the river flowing in between Gus' & Swan's Islands, and then flowing east round Evans Island. From this point I had a beautiful sunset. Returned home.

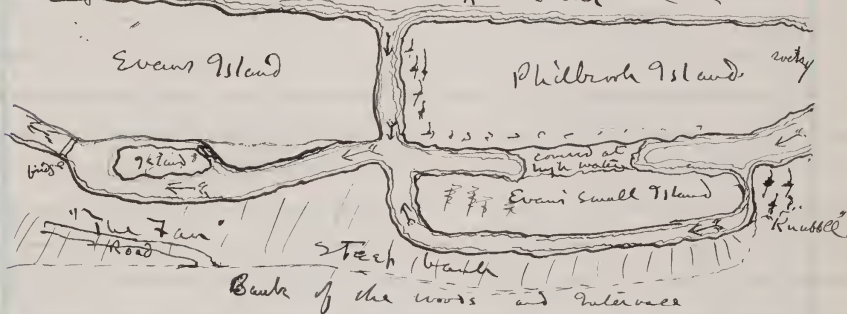
This evening my 4x5's came from Shorey and they are very satisfactory. I set write Gus a long time, talking over his younger days when his father was alive and they drove cattle to the Brighton market. Mr. Garrison & Miss Smith played for us most pleasantly.

Shelburne, N.H.

1915
Oct. 26

Cloudy, warmer, rain in afternoon.

This morning I investigated the creeks from the east end of the Knubble as far as the "Fan" opposite Evans Island. I made my way along the shore the entire distance



I traced out clearly the courses of the streams - It is intricate. It is easy to see and that the trees are bare. I returned home and read Erwin D. Smith's 'Memorial'.

This afternoon we were all busy getting ready for tomorrow, when we start for home.

The last things we did this evening - my plants are all packed and they fill a trunk. There are 1260 sheets, including a few collected by friends or sent me fresh,

Shelburne, N.H. to Cambridge, Mass.

1915
Oct. 27
(1)

Fog early Am., soon clearing, day clear mild.

We bade all our good friends good-bye this morning, and sped away to Portland by the 8.27 Am. train. As we passed the Farm we saw the vigorous waving from before the house and the flag was at half-mast! We reached Portland about 12 and were met at the G. T. Sta. by Mrs. Farnham & Catharine. They took us quite over the city, along the Eastern & the Western Promenades with fine views of the island-studded harbor, and through the city proper which lies between the two Promenades which are very high, where we saw the older residential portion where the Mayfleete School is, and our business quarter. We saw the house where Longfellow was born, the house where he lived & &, then we drove to Mrs. Farnham's house on Singleton Ave. in the suburbs on high land overlooking the city proper. We saw there John, Edward and Albert, all but Frank who is at the military academy.

The house is a very large one, rectangular in shape, the outer walls of red slate. The center is given up to a large hall, rising two stories, with a balcony round two sides and the back at the second story. Rooms lead off from the hall on the ground floor and balcony. The third floor is devoted to bed-rooms. It is very handsome

Shelburne, N.H. to Cambridge, Mass.

1918
Oct 27
(2)

We had a hearty lunch and then were taken over the house, through all the rooms and on to the balcony where are two sleeping apartments in the open air - As darkness came on, the view over the lighted city was very beautiful.

We had music by the children, and Mrs. Farnham sang at the piano and, also, to the Graphophone.

Later Miss Lowell called from the Wagon Fleet School and we had tea and a good talk. Catharine goes to the school and I am glad that she enjoys it.

As we were driving through the city we passed ^{Portland Fire} an Observation tower in the thickly settled ¹⁸⁶⁶ portion which I immediately recognized as the one we boys ascended in the summer of 1866, to see the ruins of the Portland Fire of that time. Several buses were going to Shelburne, my first visit, and we took the night boat from Boston and had a wait in Portland for our train - The terrible fire had recently occurred - I recall it very distinctly indeed.

At 5.45 Mrs. Farnham took us with Miss Lowell to the Union Sta. where we took the 6.05 train, and bade our friends good-bye. We reached Boston at 9.20 and our home at 10 P.M. It was a most successful day and we shall always remember it.

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[Faint, mostly illegible handwritten text and scribbles, possibly including a signature and some numbers.]

1888

1888

Sept 19 1915

W.D. Shelburne
N.H.

Myotis
lucifugus
common

3 ~~4~~ sps of this genus
in N.E. etc

This the commonest

N.E. - W.D. Fabron
to H.C.

