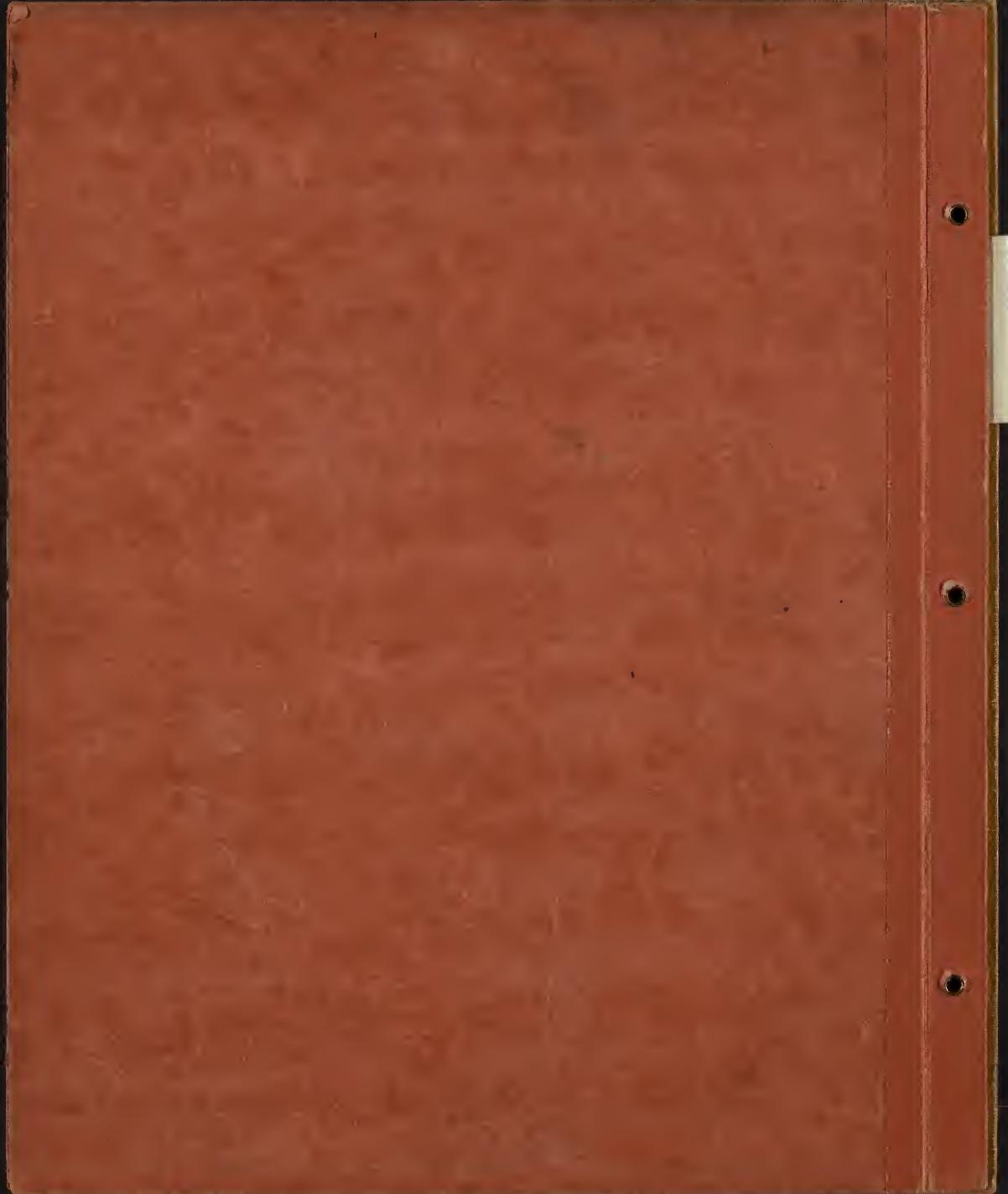


Journal, 1908.

1
08
Sept.

105



Cambridge, Mass.

1908.

March 4

As I was walking up Buckingham Street
 this evening, about ten o'clock, I heard the love song
 of a Screech Owl repeated four or five times at intervals
 of perhaps a minute. It consisted of a dozen or more
 notes (I could not count them) given very rapidly and
 evenly in the same key and forming a smooth yet
 somewhat tremulous or throbbing roll in some respects like,
 in other distinctly unlike, one of the autumn calls of the
 Screech Owl and having, I thought, a close resemblance to the
 "winnowing" or "drumming" of Wilson's Snipe. The bird's voice
 carried well in the still night air for I heard him faintly
 when I was at the corner of Sparks and Brattle Streets
 yet when I reached the head of Buckingham Street
 he was still further on, apparently in the pines on
 the hill by the Harvard Observatory. I think I heard
 him there two nights before this as I was in my room at
 Mrs. Cummings'

Love song

of

Screech Owl.

Cambridge, Mass.

1908

- March 11 At daybreak this morning a Screech Owl gave its low call four times near the house where I am staying on Buckingham Street. Screech Owl given four
- " 14 The Screech Owl heard again this morning very near our house. It gave the low calls dozens of times at very regular intervals of about ten seconds each. The call lasted about three seconds as many as I could tell by counting after the photographic method ("one thousand and one it"). There were at least a dozen notes and I think a few more in each call but it was impossible to count them accurately. I could hear them given distinctly as I lay in bed with all the windows closed. I should render them bub-bub-bub-bub-bub-bub-bub-bub-
bub-bub-bub-bub given very rapidly and smoothly or at least evenly. The general effect is not unlike that of the Downy Woodpecker's drumming call. I thought also of big bubbles bursting in rapid succession. All this happened not long before day break but before I heard any increase in the light一类 of notes.
- " 16 A Screech Owl gave its low call once at 8 P.M. very near me in the willows on the Dr. Lyman place, Sherman Street.
- " 17 Heard the Screech Owl near our house on Buckingham Street about 10 P.M. just after I had gone to bed. The low call was repeated about a dozen times on this occasion. I have heard no other birds from this or other birds this spring.

Concord, Mass.

1908

March 15

Morning partly cloudy, partly sunny. Raining most of afternoon with a thunder shower at six o'clock. Very warm with strong S.W. wind.

I came to Concord last evening to spend a couple of days at the old farm house. Found the snow practically all gone, the river open everywhere but with some big fields of soggy ice drifting about over the flooded meadows, the roads dry in a few hours but for the most part clay with sticky mud from the leaching frost.

At day break this morning Song Sparrows were singing all about the house. I heard Chorus, Coway, Blubirds, Robins & a Nuthatch calling, a Chickadee giving the Phoebe notes. About seven a Hairy Woodpecker called in a clear warbling sound. Just after breakfast a Robin sang in full song twice for half a minute or so. Bluebirds heard at intervals but none singing although the morning was very mild, sunny & nearly windless.

I spent the entire forenoon out of doors, taking a walk to Boott's Hill with "Dally". There was nothing of ice in the woods but about no snow anywhere. The river was over the meadows, yet remarkably low for this season. It has not been over the river bank at the hill as yet. Heard a Herring Gull calling near Boott's Hill.

The country was alive with birds chiefly Robins, Song Sparrows, Red-wings & Party Blackbirds. All these arrived in numbers at Lexington on the 12th of February now. The regular Bluebird numbers there but I noted only a few here to-day.

I saw a silent Phoebe perched in an olive on the edge of the little meadow at W. end of Boott's Hill. Stated a Pasteridge was Banish Spring. Red-shank-like Hawks soaring high forenoon. Saw three at once, two over Boott's Woods ~~the~~ one Hollis Hill.

Concord, Mass.

1908.

March 24

Clear and mild with fresh N. wind.

As I was strolling through Birch Field this evening about half an hour after sunset I started a Partridge from a group of poplars thickly hung with catkins. Starting at once I noted the tree over carefully and presently made out the form of another Partridge sitting erect and still among the branches about thirty feet above the ground and as many yards from me. She evidently saw me but after I had remained perfectly motionless for five minutes or more she began feeding again. I had her clearly silhouetted against the afternoon in the west and watched her through my glass for nearly fifteen minutes. During most of this time she was picking off and swallowing the poplar buds almost as quickly as a hungry hen can pick up & eat handfuls of corn from a full supply on the ground at her feet. This Partridge was somewhat less active than the birds I watched in the apple trees near the farm house in March a few years ago but she hopped from twig to twig quite nimbly whenever she found it necessary to get to a fresh supply of buds and once I saw her bend forward and downword with her tail pointing nearly straight upward as she reached for a terminal spray beneath her feet. She flopped her wings a number of times, too, to maintain her balance. I do not think that she felt quite at her ease under any observation for she repeatedly stopped feeding and straightened herself up to look at me. It was getting dark among the trees when I started on & forced her to take wing.

Partridge
seen in
poplar,
"birding"

Concord, Mass.

1908

March 25

A Hairy Woodpecker was calling loudly early this morning in an elm in the door yard at the farm. Gilbert saw what, no doubt, was the same bird yesterday forenoon. It was in the elm at first. Half an hour later Gilbert found it in our wood shed or rather he saw it fly from somewhere well back in the shed when he stepped down into it from the kitchen door. The front of this shed has two large arched openings. At the back we have recently piled up a quantity of sawed and split gray birch wood which the Woodpecker probably visited in search of borers. Hairy Woodpeckers come at all seasons into the old elms that stand close about one house but this is the first occasion when I have known one of them to enter a building of any kind.

Hairy
Woodpecker
in our
wood shed

Concord, Mass.

1908

March 28

—Morning cloudy with light rain at noon. Afternoon sunny. Very warm all day with balmy southerly winds.

About 6 A.M. a Harry Woodpecker called a number of times in the elms near the house giving over him Kingfisher-like notes. Finally it drummed once on a resonant limb making a long, even roll exactly like that of the Downy, as far as I could detect.

Harry W.
drums

A White breasted Swallow passed over the orchard flying due west about 10 A.M. Two hours later I saw what was probably the same bird circling about and finally alighted on, the bird house in our garden.

See Swallows
arrive

At 4 P.M. I went to the swamp just below the orchard. Wood Tooks crackling and quacking there although the little pond was never more than half covered with thick winter ice. The surface of the open water was everywhere dotted with these heavy Batrachians. They were swimming about rather busily or floating with only their heads showing. Some were already at an angle or at least attempting to close with and sleep one another. I saw one hopping deliberately across a large patch of snow covered ice. The clamor they made was at times almost deafening & very duck like in quality.

Wood Tugs
begin
croaking

Besides the Wood Tugs I heard two Pickings Hyles properly, but rather faintly & hoarsely — much as they call in autumn. (Dozens in full cry on afternoon of 29th)

Pick
Hyles

Big flock of Juncos. One Fox Sparrow in full song.

Concord, Mass.

1908

April 1

Brilliantly clear with warm sun but chill N.E. wind.
No snow left in woods but some ice in wooded swamps.

A pair of white-bellied nuttnahers are hunting the close
about ten from house, as they have done every spring for years.
I saw them then this morning about seven o'clock when my
attention was especially drawn to them by an odd note
that the male was uttering. He gave it at least fifty times
at intervals of three or four seconds. It was a monosyllabic
call full and rather musical and wholly lacking the nasal
quality which is so characteristic of most of the notes of this
species. It resembled the flight call of the Bluebird for
which, indeed, I at first mistook it. I noted it at
the time as heen or hehan. As nearly as I can remember
I have never heard it before. The bird was in constant
motion all the time he was uttering it and apparently
devoting his attention solely to searching for grubs among
the upper branches of the elm while his mate was
quietly engaged on one of the lower branches. At length
she took wing when the male pursued her ^{in silence} for a minute
or more during which both birds doubled and twirled
through the tops of dozens of trees along the roadside
flying with wonderful speed the male never more than
two or three feet behind the female and sometimes within
six or eight inches. How the chase ended I did not
see for both birds passed out of sight towards the
Pitkinia from still keeping up this erratic flight
as long as I had them in view. This behavior
led me to infer that they were amorous inclined
so that the note I heard was a love call. The E.
has been calling root root root every morning of late but
I did not hear him after that day to day.

Odd note
of male
White-bellied
Nuttnaher

Long flights
of pair
of Nuttnahers

Concord, Mass.

1908

April 1
(No 2)

Yesterday forenoon I saw my first *Copris* Hawk seen notes
a small ♂ flying rather high over the river at ten A.m. low flight
To-day, about the same hour, what was no doubt the of male
same bird appeared over the river flying low and in a Copris Hawk
peculiar manner, flapping his wings slowly and with
long, deep sweeps each one of which seemed to lift
his body slightly. Thus his course was slightly
undulating with every now and then a longer and
deeper downward dip, that carried him down almost
to the tops of the trees. There was something about
this flight which reminded me of that of a butterfly.
It was not perfectly straight but curving slightly
towards the left. Whenever this bird swept directly
downward he uttered five or six shrill but rather
feeble screams which I should render kee, kee, kee,
kee, kee. I have seen this flight and heard these
notes only two or three times before. The calls are
very like those which the marsh Hawk makes
when "plunging" in early spring. I have little doubt
then they represent the low notes of the ♂ *Copris*
Hawk. I saw no other bird to-day but the
fewer may have been hidden somewhere among
the trees.

Just before dinner the Bluebirds were singing
divinely in several directions. I saw a pair of them
eating berries a little later. I cannot recall ever
seeing them thus engaged when the weather was fine
& the fields free from snow or frost.

Bluebirds
eating
berries

Concord, Mass.

1908

April 6

Bitterly clear with fresh W. wind. Delicately warm at noon.
Altogether a perfect early spring day.

At Bass Hill where I spent an entire day there were very many more birds than I have seen at the farm of late. Two male Phobes were in full song at once near the cabin & one lost one of them had a brood. A Pine Warbler sang half a dozen times or more on the crest of the hill about 10 A.M. and a Robin with a nearly full brood was singing there at 5 P.M. Fox Sparrows literally buzzed in the brush along the river path. I started fully flying in our flock. Their wings much as much noise as those of a full crop of turkeys as they flew up from the ground into the trees. There were others scattered every where along this path. I heard only one Sing. At the farm we had no more than four or eight this morning.

A pair of Red-shanked Hawks were soaring and circling over the hill in the forenoon and in the late afternoon I saw a fine ♂ Marsh Hawk beating the flooded thicket across the river. During the day a pair of Black Ducks flew about over the meadows to our Bass's Hill. These wings were singing vigorously at five o'clock. A little later I saw a flock of 20+ males followed by another flock of 12 flying over the fields towards the N.E. as is their habit at this hour & season.

At rather frequent intervals through the day we heard the Cecilia-like calls of two Peck-billed Grubbs. First one would call & almost immediately the other would answer. Both birds were in the flooded thicket opposite Benson's Landing.

Scattered Tropic in full cry at noon, Hyles & Wood Thrush in P.M. Scattered Tropic Hepaticas & Spring Beauty in bloom in front of cabin.

Pine Warbler
arrives.

Unusual
numbers of
Fox Sparrows

Red-shanked
Hawks

Red wings

Red bird
Grubbs.

Hepaticas &
Spring Beauty

Concord, Mass.

1908

April 7

Cloudy most of day. Very much with light N. wind.

At sunrise this morning a Tetrao alternately drummed and chanted near the house keeping it up for ten or fifteen minutes. The drumming invariably preceded the chanting, the two sounds being separated by only ten briefest possible interval. After making both the bird would remain silent for a minute or more and then drum and chant again. I assumed that there was only one bird but there may have been two. I was in bed at the time & could not investigate this point. I am quite sure that on former occasions I have seen a Tetrao perform both sounds. Both, I think, are characteristic of the working or low season and probably low notes. If so the bird has two distinct sets of low notes. The female Tetrao sometimes chants & perhaps drums also. The drumming is a single even roll undistinguishable by my ears from that of the Dowry.

Although I have seen Dowry woodpeckers about the house almost daily for the past two weeks I have not heard one drum until this morning when a bird was making the usual even tumultuous roll at short intervals for nearly two hours. His drumming flew over a dead tree trunk in the grove behind our barn.

Tetrao
chants &
drums
alternately

Drumming
of Dowry
Woodpecker

Concord, Mass.

1908.

April 12

Brilliantly clear with cold N. W. wind blowing with tremendous violence from sunrise to sunset. It began yesterday afternoon and kept up through the whole of last night. Rarely if ever have I known the gale of such exceptional strength last so long. To silence the birds so completely I actually did not hear one - not even a Song Sparrow sing to-day although the sun was bright & warm. Hyles, however, were flying merrily at sunset. I heard no Wood Frogs. Their singing season is probably over. It is brighter than that of any other N. E. Batrachian except the Spotted Frog local.

much
wetter in
April
violent
gales
birds

Wood Frogs.

I noted the Ruby-crowned Kinglets & the Kinglets to-day for the first time. The former was in some bushes on the sheltered side of Davis Hill. I got within a few feet of it but could see no crown feathers. Indeed it looked to me like a female. It gave the characteristic chitter once but did not sing.

arrivals

The Golden-croats were singing rather freely. I found two birds together in two places and a little flock of seven (a very unusual number for this season) in the white pines in the Prospect wood lot.

Seven
Gold-crust
Kinglets
in one flock

Larry found a dead Gray Squirrel at Ball's Hill the other day & I picked up another this morning on Davis Hill. Both had the skin drawn nearly off from the head downward and most of the flesh eaten. I wonder what did it.

killed in
Gray Squirrels
very

They had been dead for a week or more I judged.

I saw the pair of Nuthatches in the trees near our farm house on the 8th. Yesterday the ♀ was found dead by Gilbert on the grass under the big elm in one clear yard.

Nuthatches
found dead

I skinned her to-day. She was in good flesh and her stomach was crane-full of larvae. Not the slightest trace of injury or disease could I find anywhere about her. Her ovaries were not more developed than in October specimens.

Concord, Mass.

1908.

April 13

Partly cloudy with strong cold N. W. wind. Snowing
thick & fast from 9 to 10 a.m.

When we were at breakfast this morning I noticed a ♂ Downy Woodpecker clinging to a stem of a birch very near the door. I expected to see him fly to it in a moment or two but he remained where he was for nearly half an hour. During most of this time he kept perfectly motionless with his bill pointing nearly straight exposed. Even when one of my men began raking leaves from around the clump of birch the bird did not move although the latter hardly sought to do so within eight or ten feet of him. He seemed to be in a sort of trance and deaf to everything that came on around him. This is not the first time I have seen a Downy behave in this manner but it does not happen often. When the bird finally changed his position he at once resumed his normal manner running quickly up the trunk of an elm and then falling there flitting from tree to tree.

peculiar
behavior of
Downy
Woodpecker

Concord, Mass.

1908

April 17

Briilliantly clear with fresh W. wind. Ther. 14° at 8 A.M. A cold, April thus far has been a remarkably cold and disagreeable month with almost incessant gales of wind from the N. & W. The thermometer has twice fallen to 16° and early this morning it was 14° . The ground was frozen hard at 8 o'clock. All the broader fields were covered with ice but it was no thicker than window glass. By noon it was comfortably warm in sunny, sheltered places and the Screech Frogs were barking all over the Great Meadow. As I noted the other day the Wood Frogs had ceased croaking at the farm but there were hundreds of them in full cry this afternoon in the densely shaded part behind Ball's Hill which is now as yet wholly free from its winter ice.

Frogs

Spring birds are coming late and only a few at a time. There was a single flock at Ball's Hill to-day which included a Ruby-throated Hummer, 2 Pine Grosbeaks, 3 Yellow-rumps, 5 Yellow Redpolls and two Lin Sparrows. The last named are the only representatives of this species that I have seen this spring in Concord.

Spring birds
coming late
& slowly.

Poertiders appear to be rather numerous on the place this spring. I heard one drumming in the tree this morning & found another was the Spring.

Poertiders

On my way home at evening I found three different birds in Present pine.

During the cold weather which has passed of late there has been almost no bird song. I heard a Robin singing and last evening but they were silent to-day as was the day Sparrows, also.

Concord, Mass.

1908.

April 18

Cloudy and warmer with fresh S. W. wind. Light rain
at evening.

I have seen or heard Red-shouldered Hawks in the Holden Hill woods nearly every time I have been there this spring. This morning I flushed the ♀ from her nest in the big Chestnut which the birds built and used a brood in last year. The nest looks just as it did when I first saw it last month. There was no down visible this morning. The bird started when I was 100 yards away and flew to the crest of the hill where she alighted in an oak. I kept on towards the nest; when I was nearly under it the female began screaming loudly, opening her mouth very wide as I could see through my glass. A few moments later she started and came straight for me on set wings, with great swiftness. When within twenty yards she turned slightly upwards & to one side passing me, however, within ten or fifteen feet. She then alighted within thirty yards and screamed again long & loud nesting the woods high with her wild, musical clamor. Soon afterwards she stopped at me again & a little later still again on each occasion screaming over & to the left of me to the last moment. The stealer, silent on most of the big bird was very unimpressive. All the while her mate was soaring high overhead, screaming now & then. He is in immature plumage like the ♂ of last year & no doubt he is the same individual. He, too, appears to be the same as last year, a fine long bird with deep ruddily breast & in fully mature plumage.

Red-shouldered Hawk
occupy
same nest
as last year.

The ♀ swoops
at me.

The ♀ an
immature
bird as
he was
last year.

Concord, Mass.

1908

April 20

Early morning sunny & calm; remainder of day cloudy
and cold with frequent flurries of snow. Wind west.

On arriving here about the middle of March I found a pair of White-bellied Nuthatches frequenting the elms above our house as they are accustomed to do at this season. Not long after this we put up a lump of suet in an elm at the rear of the house. The Nuthatches soon found and visited it daily. I saw them there together on the morning of April 8 but the female did not eat any of the suet then and I thought she seemed listless & failing. On the morning of the 11th Gilbert found her lying dead under one of the elms on one clear yard. I skinned her next day. She was in good flesh and her stomach was full of the remains of larva of insects. I could detect no trace of any injury nor of disease. Her ovaries were not developed no one of the ovaries being as large as the head of a pin. After the death of his mate the male continued to appear about the house but he did not stay there long at any one time. We were absent from Concord on the 15th & 16th and the Nuthatch was noted after our return (on the evening of the 16th) until the morning of the 19th when I saw him alone in the elms. A little later that morning Gilbert saw two birds together at the suet. They were there again this morning when I made sure that one of them was a female & evidently related to our male. It would be interesting to know how far from here he had to go to find her.

One of the pair of Downy Woodpeckers drummed steadily for an hour this morning on the dead elm branch over our shed where there has been a nest these past two years.

One ♂
nuthatch
loses his
mate and
eight days
later appears
with a
new one.

Downy
drummed at
noon

Concord, Mass.

1908.

April 23

Sunny with fresh S. W. wind. Intensity hot. Therm. 85° at 2 P.M. Hot weather
Thunder showers having absent at sunset but only a light shower
of rain fell here.

Birds noted for first time this season were: - Chipping - a
silver bird on ground at rear of house; Purple Finch - a ♂ in
full song in orchard; White-throated Sparrow - three together near
house (one a fine adult, another with gray throat & dark head
markings, the third was distinctly brown); Broad-winged Hawk -
of soaring low over our house; Night Heron; one heard at
7 P.M. flying over Robbie place towards the river.

The sudden change to summer weather set all the birds
to singing and the air was filled with their voices more
of the day. The Bobolinks were equally noisy especially
at evening when I heard multitudes of Hyles, Sweet and Jays
(in the Bassett tree) and our trees.

Birds singing

Hyles,
Sweet Jays,
Towhees
Jays
Robins
Sparrows
Bunting

During my evening walk through our berry bushes
I heard two Jays barking in the distance towards Am. Rd.,
one vigorously answering the other. They kept it up for
fully fifteen minutes. A Jay's bark is an indescribable
sound. It is not in the least like a dog's. As hard
to - night it reminded me of the jangling sound of
a steam exhaust pipe. As I stood listening to it
a Robin was sitting within fifteen feet of me. As far
as I could discern he did not notice the sound of
the voices of his deadly enemies. At least he kept on
nibbling at down Springing grass with evident unconcern.

A Robin
ignores us
attention
to the sound

Six Cedar birds appeared in the Berry bushes near
the house this morning & began eating the berries. A Robin
at once attacked them flying tamely at one after
another & finally driving them all away. The Robins
have been eating these berries for a month or more.

Robin
drives Cedar
Birds from
Berry
bushes

Banwood, Mass.

1908

April 24

Brilliantly clear with cool east wind.

Birds noted for the first time this spring were as follows:- Arrivals.

Black-throated Green Warbler 1.x Ball's Hill (in Pine Park) 5 P.M.

Solitary Vireo 1.x in oaks behind Barn at farm about 3 P.M.

Barn Swallow, 1 at Farm 2 P.M. ③ at Ball's Hill, 5 P.M.

Towhee, ♂ all in black rear of farm house 2 P.M.

Gull-billed Woodpecker, ♀ ad. hickories rear of Barn at farm, 8 A.M.

Bittern 1 pumping in Great Meadow at 5 P.M.

Saw numbers of Gulls along and Gibbons Palm Webbers
but they were widely scattered. Then I heard Thrushes together
on Gibbons' Hill and two at the farm. On the west side
of Ball's Hill in Pine Park there were many Gulls along
& Yellow Red fours, a Ruby crown, a Black-throated Green Warbler
two Golden crests & a Pine Warbler while a number of Wrens
were darting about overhead.

As I was standing on the shore of our pond early this
afternoon a ♀ Broad wing Hawk alighted on a fence post
within 30 yards. I was concealed by dense bushes & she did
not see me. Just after closing her wings she twisted her tail
sideways a dozen times or more. Her motion was always
towards the light & sharp & emphatic. After this she
remained motionless a long time watching Gibbons' pond which
was within a few yards of her perch. She sat so very erect
that her body & head looked like an upward continuation of
the post. I saw her yesterday for the first time & the
birds began trilling yesterday, too. I wonder if she
timed her arrival by their first appearance!

Started to a Red Shouldered Hawk from the nest
at 4.30 P.M. She flew straight away out of sight this time.
When I found her well at 5.30 there was no chick there.

Concord, Mass.

1908

April 24
(no 2)

The Kingbirds are evidently preparing to breed again in Mr. Horrocks' Sand Bank where they nested last year for the first time. Both birds were there together at 5.30 this afternoon flying about & rattling merrily as I approached by keeping well out of gun range. Half an hour earlier when I was at Bell's Hill I saw one of them coming from the direction of the bank at a great height (fully 100 yards) rattling incessantly. As I was watching it it suddenly beat its wings and soared in a half circle, first inclining downward and then upward. This I have never seen before. The evolution was closely similar to that which the Carolina Wren performs at this season. I wonder if it can be a love flight! After it was over the bird flew off over the meadows gradually descending. I was unable to ascertain its sex.

A pair of Chickadees have been coming regularly of late to down here in the blossomed tree, from below. This morning Gilbert had them dropping a batch of a dragee pie in the Eastern Apple tree about 5 ft. above the ground & no more than that from the dining room window. He says they both worked taking turns at the hole. Most of the chips were carried away for a few yards & then dropped. They kept at it all the forenoon but were not done in the afternoon.

Three Gray Squirrels in a swamp white oak at evening. I saw one of them but off what looked like a broken tail most and apparently was it. There were scores of them up on the tree a couple of hours ago but only two or three to night.

Concord, Mass.

1908.

April 25

Cloudy with left, north S. W. wind.

I noted for the first time this spring

Brown Thrasher - a short bark in a bush back on Rillen place.

Amber Woods

Wren Warbler - a ♂ singing in the Bassett barn.

Black & White Cuckoo ♂ " " " "

There was evidently only a small flight from the south
despite the favorable conditions for migration.

House Sparrows are swarming on the Rillen place this
spring. They have taken possession of two of the bird houses
there. I have shot four sparrows there yet but the birds
still continue to hang about the houses & to keep off
the Fox Swoopers, ~~but~~ try to go to them.

Concord, Mass.

1908.
April 27

Clear and warm with light S. E. wind.

I noted to-day for the first time this season
Cow Flycatcher singing in our orchard at 6 A.M. & later
Baird Swallows - heard near Concord at 5 P.M.
Catbird - One seen by Gilbert by roadside, Princeton Hill

Answers.

This is the fourth day that the Chickadees have been Chickadees
building
at work excavating their nest in the apple tree by our dining room window. They begin soon after sunrise and continue ceaselessly through the forenoon but, as far as we have observed, they never look at all in the afternoon although they sometimes come to the hole as if to do that all night there. They are bring mostly straight down & have already got to a depth of about five inches. The work is shared equally one bird succeeding the other the instant the former has taken wing with a unfeigned ^{explosion} chirp. Each bird usually makes a visit to the hole every ten seconds, so rapidly do they work.

There is a round hole about $3\frac{1}{2}$ inches in diameter sixty feet above the ground in one big elm in which a pair of Thrushes had their nest six or seven years ago. It has since been occupied at all seasons by Gray Squirrels. I have seen these animals enter & leave it within a week. Yet this morning about 8 o'clock one pair of White bellied Nuthatches were building a nest there. The ♀ did most of the work & performed it with remarkable rapidity. She would run out on a large branch fly off a skin of bark 5 to 6 inches long tear it into two holes & almost instantaneously replace & go after another. The ♂ occasionally got in & simply held it into the hole without entering himself.

Nuthatches
building in
-
Squirrel hole
high up.

Concord, Mass.

1908

April 28

Cloudy & mild with light E. wind. Showers last night.

I noted to-day for the first time this Spring the following: - Arrivals
Chestnut-sided Warbler. 2♂♂, one in Birch Field, others in Berry Pasture & a. u.
Purple Martin 1♂ flying over Barnet River at 4 P.M.
Scar Swallows. ② flying high over farm house W. at 4.30 P.M.
nesting in Cull-in-the-Bitter Corners.
Spoonbill Sandpiper. 1 on shore of pond in over Berry Pasture & a. u.

The Chickadees worked at excavating for their nests in the apple tree at the rear of the house all day and even more busily and energetically in the afternoon than in the forenoon. Thus far they have done nothing but loosen and remove the decayed wood. I examined this hole this evening & found it had been cleared down about six inches. At the bottom it tapered to a point. The birds jump into it and out of it with surprising quickness and precision like jacks in a box near passing for an instant at the entrance at least when going in.

As I was standing near our poultry yard about 10 a.m., a ♀ Sharp-shinned Hawk sailed low over it coming from Lawrence's field. She kept straight on following our car both & passing the old barn within a few yards & below the level of the cars. Not once while within my view did she move her wings. There was something very impressive about her flight - a dash, even, noisless glide suggesting great momentum yet absolutely effortless. This is the characteristic method of hunting of the Sharp-shinned & to a less degree of Cooper Hawk, also. It must be a deadly method for the victim can have little or no notice of the approach of the Hawk, unless w. is the last!

Sharp-shin
Hawk
hunting

Concord, Mass.

1908

March 14
to
June 1

The spring flight of north-bound migrants was meagre and disappointing as a whole. In late March and early April I saw fair numbers of Fox Sparrows, Juncos and Yellow-rump Warblers and exceptionally large numbers of Golden Redpoll Warblers but almost no Lin Sparrows. The flight of migrating Swallows was much below the average although White Bellies were rather numerous for a time. Rusty Blackbirds appeared in good numbers at first but towards the latter part of their stay were unusually scarce. Bluebirds were less numerous than usual and strangely silent. Although I spent two cabin spring in their favorite haunts I did not once hear them sing fully and generally. Nor was there much Robin song before May. This no doubt was because of the exceptionally cold windy weather which prevailed through most of April, when there was never more than one day brilliantly clear yet so frigid and tempestuous that I did not hear a single bird sing from daybreak to dusk.

In May we heard only our really subnormal "bird wave". This came and passed on the 11th & 12th and 13th in three very warm days of which the first two were spent by me at Cambridge, where our garden, on the 12th, was literally alive with hundreds of various kinds. These happened at Concord during these two days I do not know but when I returned there on the evening of the second day (the 12th) I found only a few birds at Bott's Hill. There was a good many at the farm the next morning, however. After that there was a general and really remarkable dearth of north-bound migrants. Of some species ordinarily abundant, such as the Blackpoll Warbler and the Water Thrush, I noted only two or three individuals each, while others which I am accustomed to look for with reasonable confidence of success, as the Bay-breasted Warbler, the Cape May, the Lemon, Wilson's Blackcap, Lincoln's Sparrow & the White-crown Sparrow I did not meet with at all.

Spring
Migration.

Concord, Mass.

1908.

March 14

To
June 1

How did I see or hear Hawks Flycatchers, the Yellow-Bellied Flycatcher or the Olive-Backed Flycatcher. Such western birds as I used to see in winter were hardly feathered as a rule and in no instance did I meet with a really good flock of them. They passed on northward before the close of the month the very last of them, a Gray-Chinned Thrush and a Black-footed Thrush, being noted on the 28th.

Spring Migration.

Summer Resident Birds.

Most of our local birds arrived about at a time but many of the earlier comers arrived down even with much if not all behind their average dates. After they had all come and settled for the season in their breeding haunts they were, as a rule, as numerous as usual, although a few of them were rather less so and one or two apparently quite wanting as will appear from the following notes.

Wood Thrush:—A male singing in "the sun" at the farm from May 10 to 25, two males there from the 26th to 31st, one there on June 18th.

Wilson's Thrush. Less common than usual in the hills this year when there were two more in the swamp behind the hill, one across the river near my stone boat house and one behind Davis Hill. At the farm we had one bird singing especially in "the sun".

Robin. There were at least five occupied nests at the farm at one time late in May although I never heard more than two such birds singing there at once. Most of the nests were in after trees at the rear of our house but one bird nested on a beam in the barn cellar. Here she began nests in half a dozen places finishing two of them but putting up none in either. She laid

Concord, Mass.

1908

March 14
to June 1

two eggs in one of them nests and baled & heard her young. Most of the nests in the orchard were rifled and disarranged by something - the Chipmunk Sparrows, I suppose. When the birds were breeding in late April & early May the males sang but little. In fact many they sang freely & well. Two or three pairs nested on the Peacock place & there was some fair colonization at both Hill

Summer
residents
Birds,

Catbird. - Gilbert saw a Catbird by the roadside on Punkatasset this on April 27, an early date. After the migration was over I could find only two pairs on my land, one at Bob's Hill near "Barson's Landing", the other at the Farm. The Bob's Hill birds were not seen after May 27. The pair at the farm were noted as late as June 18 & 19. They evidently had a nest either in the Syringa hedge behind the house or in the Forsythia bush in front of it for I saw them constantly in both places.

Brown Thrasher. - Less numerous than usual. At the Farm a male sang through the first half of May on the hillside below the old barn and during the downy period I frequently saw a pair near Barson's knoll and heard a male in song across the river behind my farm back house.

Bluebird. - I saw fewer Bluebirds than usual this Spring and heard literally no full, fine, joyous singing, even in March. On April 1st I watched a pair eating berries greedily in our lane although the weather was clear as the sun & there was no snow on the ground. On April 18 a pair began breeding in a bird house on the Peacock place and on the 23rd another pair began their nest in a box in our flower garden. Young were heard in both these nests but I fear there is third pair which built in a box in an open tree across the road near our fence had less success for I did not see them.

Concord, Mass.

1908

March 14
to
June 1

after the 1st of May. In 9 pairs of them were on the Belvoir place
second to perform the whole work of caring for their young but this
was shared equally by both birds at the nest in our garden to
which they came alternately with food for their numerous young. When
these left the nest the parents went off with them and did not
return but at the Belvoir place I saw the ♂ perched on the box
and the ♀ in the act of entering it on June 18th so I infer
they must have laid in it a second time this season.

Sommer
resident
Birds.

Chickadee. — We had fewer Chickadees than usual this Spring,
not above three or four pairs on my entire place, I fear. I found
only one nest — in the apple tree that stands at the end of our house
and stands its very. The birds began excavating their hole on April 24
and finished it probably by the 28th. They began carrying in nesting
material on May 4 and continued to do so at least up to the 9th.
Soon after this they deserted the nest, probably because it was flooded
by a heavy rain / on the 14th / for it entered straight downward
when an upright stem had been lowered off.

White bellied Nuthatches. —

Concord, Mass.

1908

Birds noted on my land, chiefly at two farms.

June 18+19

- 1 *Turdus Mustelinus* ♂ in many fields along on Bonney River, 11 A.M., June 18 & 19 three in morning.
2. " *fuscaceus* One calling near of Books Hill from 18
3. *Mimus migratorius* 2 ♂♂, four nests with eggs & young, all at farm.
4. *Glaucostes carolinensis* A pair in Shrubbery near house. ♂ singing freely from 18
5. *Sialia Sialis* (♂) Ritchie place from 19
6. *Fringilla cædon* ♂ singing in Pasture off the road, West Bedford June 18
7. *Minicitta varia* ♂ " at farm June 19.
8. *Himationothrix superciliaris* 2 ♂♂ singing June 18 & 19, Bonney River, the farm.
9. *Dendroica aestiva* ♂ singing in Lyman hedge at farm
10. " *peninsularis* 2 ♂♂ " at farm
11. " *Blue Grosbeak* 1 ♂ singing at Pasture Road, another in Bonney Pasture off farm 18 & 19
12. " *virens* 1 ♂ ex. W. Bed. off. Books Hill, 1 x. at farm, later June 18.
13. " *virginianus* ♀ on ground in open yard Ritchie Place, June 19.
14. *Geothlypis trichas* ♂ ex. at Books Hill June 18, another in Berry Pasture off farm 18 & 19
15. *Setophaga ruticilla* ♂ ♀ in grass behind barn at farm.
16. *Vireo olivaceus* 4 or 5 ♂♂ both days.
17. " *solitarius* ♂ singing from 18, Pasture Road marsh.
18. " *flavifrons* ♂ " at farm in elm at Barn June 18 & 19.
19. " *gilvus* ♂ " in elms at farm house June 18.
20. *Ampelis celidotum* Call notes heard at farm June 19.
21. *Progne subis* " " " " "
22. *Chelidoptera longipennis* " " " " " No nest seen nor fledglings this year.
23. *Trochocercus bicolor* 2 pairs feeding young in bushes at farm, two pairs at Ritchie place
24. *Puravagan erythronotos* ♂ singing in off the trees on Ritchie place June 19
25. *Spermophilus tridecemlineatus* ♂ " at farm both days.
26. *Pooecetes gramminalis* 2 ♂♂ singing near house June 20.
27. *Spizella Socialis* 2 " " at farm both days.
28. " *pusilla* 1 ♂ in Pine Ridge another in Berry Pasture off farm, June 18.
29. *Melospiza melodia* 2 ♂ at farm both days.

Concord, Mass

1908

Birds noted on my land, chiefly at the farm.

June 18. 19

(No 2)

- 30 Habia bicolorina - ♂ singing June 18 off. Rock Hill, another from 19 at farm
31 Potamus cyaneus. ♂ " " 19 at farm
32 Dolichonyx oryzivorus ♂ " " 18 at West Bedford " " " "
33 Aegithalos phoeniceus Several in vine meadow off. Rock Hill from 18
34 Icterus galbula. One singing at farm, another on Riddle Hill, 18 & 19^a
35 Cornus americana. Sweet sum.
36 Cyanocitta cristata. One heard from 19 at farm.
37 Tyrannus tyrannus. Pair in Bemis pasture from 18, pair nest at farm from 19.
38 Mimus carolinensis. One calling in orchard at farm from 19
39 Sayornis phoebe. Nest with 3 eggs in our barn cellar, female with young one Riddle Hill
40 Contopus virens. One singing on elms at farm from 19.
41 Empidonax minimus. " " " appearing at farm " 19
42 Chaetura pelasgica. Two flying over farm woods of 18 and 19^a
43 Dryobates villosus. I in beech trees at farm back from 18, 8 & 9 there from 19.
44 Colaptes auratus. One heard calling at farm from 19
45 Coccyzus americanus. " " singing " " " "
46 " erythropthalmus Two " " " " 18 & 19
47 Megascops asio. Feathers of young bird killed & eaten by Fox found in orchard
48 Circus hudsonius ♂ ad. flying past our farm house June 19
49 Colinus virginianus ♂ calling "bob-white" in Concord field June 19. Heard
the call formerly from our house.

Cambridge, Mass.

1908.

June 20

About 1.30 P.M. as I was sitting on our back piazza I heard a Kingfisher very near at hand. After its rattle had been given there at intervals of eight or ten seconds and always apparently in the same place I began to suspect that the bird was perched among the trees near our little artificial pond on the edge of the jungle. This proved to be the case for when a little later I approached the spot the Kingfisher dashed off through the jungle in the direction of Spaulds Stone rattling loudly & rapidly. It is true I did not catch even a glimpse of it but the sound of its voice was sufficient evidence that it had been perched near the edge of the pond and that it made off low down among the trees to the eastward. I suspect that it has visited the place before this morning for when I was here on the 8th Gilbert heard it on another two or three about noon. He was in the Museum at the time yet the sound was so loud that he heard it very distinctly. The pond is only a few yards I guess and so nearly embowered in foliage that it seems surprising a Kingfisher could have discovered it. The bird was doubtless attracted to it by seven small gold fish which were put in it three or four weeks ago. He may have caught some of them as I could see but two there after he left to day.

" 29 James, our new gardener, tells me that he saw a Kingfisher at the pond just mentioned early this morning & over or twice last week. On one occasion last week he saw the bird perched on the stone coping of the little pool in front of the Museum. Both ponds still contain a few goldfish. There have been no appeal from the pond at the edge of the jungle but none as yet from the Museum pond.

Kingfisher visits found in our Garden.

Kingfisher pays more visits to our garden.

Cambridge, Mass.

1908

June 1

to

July 6

The following list is based on observations made at our place in Cambridge June 1-9, 18, 22-22, 28-30 and July 1-. It includes all the species noted on these dates within sight and hearing of our house, chiefly in the garden and the lawns or in Hildene Park.

Birds
noted in
& near our
Garden

Merula migratoria. - Only one pair established in our grounds in May & every June. I did not find their nest but saw young only just able to fly about June 20. Our cherry trees fruited heavily this summer but they failed to attract Robin in large numbers. Indeed I did not once see more than eight or ten birds in them. This was the first week of July, at which time two Robins were singing within hearing of our house. As far as I can judge the number of Robins has been much smaller than usual every where in the Boston State Region but C. F. Batchelder tells me they have been exceptionally abundant along Kendall Street. In May he who bags found seven nests, six of which certainly had eggs, within the limits of his own grounds.

Dendroica aestiva. A male singing daily in our garden and another near Mrs. Sanderson on Buckingham Street were the only ones heard by me anywhere in Cambridge. Our bird had a note which I saw frequently in our trees and occasionally bathing in the pond. He doubtless had a nest somewhere in our shrubbery but I did not find it nor did I see or hear anything of this young as I fear they failed to rear any this season.

Cambridge, Mass.

1908

June 1
to
July 6

Selasphorus rufecilla. I do not think that any Redstarts Birds noted in or near our Garden
breed in or near our place this year. An adult male was singing in the lindens on May 12 and an immature bird on June 4th. On July 2 and again on the 4th of this month I heard the first song in the lindens but did not see the singer. These were the only dates when the species was noted at all. I attribute its disappearance as a breeding bird from this part of Cambridge to the sparing of the elms & certain other trees during the past three summers.

Vireo olivaceus. A male singing constantly at all hours of the day in our lindens and cedars in Hildene Park. I think I have heard still often a little farther off, one on Buckingham Street, another on Brattle Street was Mason Street. Our bird had a mate & I frequently saw the pair together at the park in front of the museum where they seem to follow after their usual fashion by flying down from a branch and alighting on some bushy with their breasts. I have not found them nest nor have I seen or heard anything of their young as yet.

Cambridge, Mass.

1908

June 1

to

July 6

Vireo flavifrons.— This species appears to be entirely absent from the Brook Street Region in May and early June but on the 18th of the latter month I heard a male in full song in our gardens. This bird remained about the place during the remainder of June and the first week of July singing freely at all hours. I did not over hear it accompanied by a mate and was inclined to believe that it did not have one.

Vireo gilvus.— A Hesling Vireo spent the season in Hubbard Park occasionally straying into our grounds. On June 21 I heard young calling in the trees at Meeker Creek so I infer that a brood was raised there.

Sturnus tristis.— I heard the call notes of a Goldfinch in our garden on June 20 and 29. On the 30th and daily after that a male was almost constantly flying and hovering over the garden and jungle singing loudly and delightfully. From his behavior I have no doubt that he was established for the summer & preferring to breed. On several occasions I saw a female with him.

Sturnella Sociabilis.— A pair of Shrikes frequented the garden and lawn through May & June. Towards the close of the latter month I saw one or two young birds following them about.

Passerina cyanea.— On June 2 I heard an Indigo Bunting singing in the garden. As it did not repeat this I concluded it would have been a transient migrant.

Cambridge, Mass.

1908

June 1
to
July 6

Icterus galbula. A pair of Orioles frequented our garden through May building their nest in one of the large elms in front of the Abing house. These trees were plagued with clusters of birds on June 6th. After that date no birds were seen or heard in our neighborhood until June 21 when I noted an adult in one of the cherry trees. On the 29th a young bird appeared in the garden. During the first week of July a family party harried the cherry trees constantly feeding on the ripe fruit. I believe that the birds which nested in the Abing elm were killed or driven away by the hawks and that those seen later in the season came from a distance but this, of course, is only conjecture.

Iris calyx g. circum. Seen at intervals in the garden. A dozen or more assembled there on June 28, 29 & 30 to feed on the ripe cherries.

Cornus americana. Seen or heard almost daily, usually on wing. They occasionally alighted in the bushes and on June 21 I saw two birds eating cherries in one of the trees in the garden.

Cyanistes cristata. On June 4 & again on July 3, I heard a joy seeming not far to the westward as I was strolling about in our gardens.

Hedychium coronarium. On June 4 I saw a ♀ Hummer in the garden, hovering about some Sandpaper vine blossoms.

Chætura pelasgia. Chirping Swifts appeared over the garden at all hours through June but invariably at morning & evening.

There were especially two or three in sight at once. On the evening of June 28 at least a dozen appeared racing half an hour

Cambridge, Mass.

1908

June 1
to
July 6

Dryobates pubescens. Heard one in the Garden on July 4.

Cotopaxi auratus. - A single bird noted in the Garden on May 11, June 29 and July 2. I do not think the species nested anywhere in our neighborhood this year.

Ceryle alcyon. - On June 8 Gilbert heard a Kingfisher which he supposed to be flying over the Garden but being in the meadow at the time he did not see the bird. On the 20th I heard one rather three times apparently in the same place. Following up the sound I started in bird from a tree near the little pond on the east bank. It flew off through the jungle rattling loudly. Although I did not see it I am sure it was perch'd close to the pond. The garden saw it several times after this (the last occasion being the 29th.) usually at the pond just mentioned but once at the smaller pool in front of the house, perch'd on the stem rising only a foot or so above the water. I first saw a dozen small goldfish in this pond late in May. Three of them have disappeared from the jungle pond & I suspect the Kingfisher has taken them. It is remarkable that he should have discovered these little pools for they are only a few yards in extent & embayed in foliage.

Coccyzus americanus. - One heard in the Garden on June 1 & 3 and one less than on the 4th. After the last named date I did not note the species anywhere in our neighborhood. A pair nested just in the bushes to the rear of our house last year.

Cambridge, Mass.

1808

June 1
to
July 6

Coccyzus erythropthalmus. - A pair of Black-billed
Cuckoos frequented the Garden through June and early July.
On the 2nd of the latter month I discovered their nest.
Oddly enough, it was within two yards of the old place
by the Yellow-bills last year but in a different shrub,
a lime, among very dense foliage, about nine feet above
the ground. As I could not reach it without disturbing
it I did not examine it closely. It frequently saw
the birds go to & from it as we sat on the back porch.
Sometimes they would start themselves in by short flights
through the branches, but rather often would come gliding
~~flying~~ down on set wings and when just above a
drop through the foliage with a soft rustling sound without
slighting until they reached it. They often left it by
mounting straight up and bursting suddenly into flight
above the cluster of leaves and flying off out of sight.

Cambridge, Mass.

1908.

July 2

Since June 3rd last I have seen or heard Black-billed Cuckoos in one garden whence I have visited the place. Early in the month they vocalized a good deal but towards the close they gave only the long series of notes. These I found were uttered by both birds of the pair, which I have had under close observation of late. However one calls the other is nearly due to answer it in the course of a few seconds, after which both are likely to remain silent for from one to ten minutes. Whether or not both sing as I have not been able to ascertain. During the past week I have seen both birds many times a day flying to and from the trees at the rate of one hour. Here I found them near the morning admiringly concealed in a dense mass of foliage of one of the elms within six or eight feet of the foot of the trunk the whom a pair of Yellow-billed Cuckoos nested last year. The Black Bills approach this nest from every direction sometimes shooting towards it by short flights through the branches, sometimes gliding down to it from a distance on set wings and at the last dropping directly into the mass of foliage from above, a truly remarkable and very interesting evolution. I often hear them over the nest. Indeed they give their long succession of notes rather often with a few feet of it than anywhere else. They seem to spend much of their time in the garden but I hear them in neighboring woods also. Thus far I have heard from them only the prolonged call & the cooing, none the woroo-woroo cry. Although we spend part of every evening on the back pines I have not once heard either bird with any certainty after dark. The night is ^{now} ~~now~~ ^{clearly} clear.

Black-billed
Cuckoo
singing in
our garden

Cambridge, Mass.

1908

July 4

Partly cloudy with thunder showers in afternoon.
Oppressively hot.

The birds bathe often during such weather as this, and the little artificial pond in front of the Museum is much resorted to by them. When I looked out my door at 10 this noon there was a Robin standing in the shallow water, engaged in fluffing it over his back, and half a dozen house Sparrows perched on the stone coping near him. They seemed to be watching him curiously yet to be afraid to enter the water themselves. I was wondering at this when a slight movement on the opposite shore caught my eye. It was caused by a big Green Frog who, coming from we know not where, appeared in the pond early in May and has been living there ever since. He entered the water quietly & sank beneath its surface, instantly the suspicion flashed across my mind that he had designs on the bathing Robin and this proved to be the case for he crossed the pond (a distance of about feet) so deep under water that I could not see him and on emerging sprang directly at the Robin who chased him with some difficulty and flew off evidently badly frightened. At the same instant the house Sparrows took wing with loud cries of alarm. I wondered if they could have foreseen the danger. It is possible, of course, that the Frog was merely desirous of driving the birds away from the pond but much more probably in my opinion, that he tried to surprise and seize the Robin & that had he been able to catch & hold him that he would have eaten him.

A big
Green Frog
tries to
seize a
bathing
Robin.

Cambridge, Mass.

1908

Sept 7

Brilliantly clear with fresh, cool north-w^{est} wind.

After an absence of eight days I returned to Cambridge from Concord this morning. As I was walking in my study in the Museum about 10 A.M. I heard a bird scolding among the rhododendrons just below the window and at once went out to ascertain what it was as its voice seemed unfamiliar. As I approached the rhododendrons closely I saw a Red-shafted and a Red-eyed Vireo flitting through them but I knew that neither of these birds could be the author of the low, insistent, grating chatter that continued to come from the heart of the thicket. At length I caught a glimpse of still a third bird which was hopping about in the deep shadow under the dense foliage on the surface of the leaf-strewn ground. At first glance I took it to be a Horned Owl but a moment later when it came out into a patch of sunlight & I got my glass on it I saw that it was a Carolina Wren. Soon afterwards it was joined by another bird of the same species and for a few seconds I had them both under my glass, in good light, at a distance of not over ten feet. They were evidently feeding but one of them seemed ill at ease for it kept up the scolding chatter (very like that of a Horned Owl) at intervals. Both were in ragged, mottled plumage with patches of bright, new feathers appearing here & there among the worn & faded ones. One bird had a full tail, the other only a singular short fraction. I took both to be adults and from what I afterwards saw of them I believe they were a mated pair. They remained in the garden through the entire day keeping at all times near together, one following the other closely during the short flights they took from place to place. Some of these flights were bombing on them fast, others due to the fact that they were evidently disturbed for I heard up Walter Dean & he and I followed

A pair of
Carolina
Wrens in
our Garden.

Cambridge, Mass.

1908.

Sept. 7
(No 2)

them above together rather closely for half an hour or more. It drew them into the shelter of old trees at the base of the house and into the crowded young hawthorns that screen our cloisters. You'll note they evidently preferred the Shrubberies over Garden where they were first seen and returned to them whenever they were permitted to do so. On one occasion, however, after they had been left unmolested for a considerable length of time, we started them from the brick wall of the museum where above the windows they had been concealed among the leaves of the ivy that covers the entire eastern side of the building. One of them hopped savagely along the espalier gutter or eaves trough where it flew to an isolated bay window at second story, closely followed by its mate, to the vine clad chimney which both birds ascended among the ivy nearly to the cap stone.

Above noon as Waters & I, after being out of town most of the day, were still looking for them, it occurred to me to whistle an imitation of the song. To my no small surprise, however, as well as joyousness, the male bird almost immediately answered me and our mate started very almost crazily in full force for several minutes bringing his notes from time to time and giving in all at least four different phrases. It was delightful to hear his cheery voice, so closely associated in my mind with the various exposures that I have had in past years in our Southern States, ringing out again and again in the old Cambridge garden where I have spent so very much of my life. And when both birds were flying about among the shrubberies it occurred to me that a Cardinal had preceded them there only a few years ago & had continued on my windowsill. Besides this song & the bedding cloister these birds gave only one other note the tick-tick-tick-tick alarm cry, not unlike that of the winter wren but louder. They were chattering & talking but not

A pair of
Cardinals
were in
our Garden

tee-e-e-e-or, tee-e-e-e-e soft, low, musical,
was uttered by one of them many times
about June, of course, from his winter

Cambridge, Mass.

1908.

Sept. 7

(No. 3)

Visiting our Gravesteen apple tree this morning I noticed that many of the ripe apples both in and beneath it (is on the ground) had hole holes pecked in their reddish sides. Later in the day I especially saw Crows Black-birds, to ten or twelve of six or eight, flying into and from this tree. I have no doubt whatever that they were feeding on the pulp of these apples for I have actually seen them do it in former years and the holes showed unmistakable marks of birds' bills. But on this particular occasion I did not actually see them attacking the apples.

Crow Black-
birds eating
juice of
Gravesteen
apples in
the Garden.

Just before sunset four Chimney Swifts appeared over the Garden flying at a considerable height but circling and darting back and forth many times over the same spot. I took them to be migrating birds which were passing for a brief time to secure their evening meal. They were in sight two or three minutes.

Chimney
Swifts.

Cambridge, Mass.

1908.

Sept. 8

Clear and cool with dry breezy air and light west wind; altogether a brilliantly beautiful day.

Then I entered the Garden about 9 A.M. I heard the Carolina Wren almost immediately calling te-e-e-e-e or tear-tear and giving ten scolding chirps. I soon found both birds in the neglected corner of our plot where they were hopping about on or near the ground in a tangle of goldenrod, asters and other wild flowers. Soon after this the male began singing freely, keeping it up at intervals for ten or fifteen minutes. At length he flew up into a few trees where he sat for several minutes on a dead branch in bright sunlight preening his feathers. All the while I was within six yards of him watching him through my glass. I heard both repeatedly later in the afternoon in various parts of the Garden. Within ten minutes after leaving them there about 10 A.M. I drove to Irving's Bury Stables on Concord Avenue a little beyond Harvard Avenue. Scarcely had I reached there when a Carolina Wren began chipping and giving the te-e-e-e call in a yard close to the stable. There were two or three large trees in the yard but no thornberry. The bird seemed to be in one of these trees but I did not see it. It called or scolded a dozen times or more very near me and I am absolutely sure that it was a Carolina Wren. On reaching the Museum of Comparative Zoölogy I saw Walter T. Taylor Carolina Wren in Belmont who told me that a Carolina Wren has been seen recently in Belmont by Mr. Nelson, the Museum taxidermist and that two others have been noted of late in the Arnold Arboretum by Mr. Charles Taylor while still another has been observed on the grounds of the Bonsdorff Estate in Brookline. Two more which Miss Blanche Kendall has had under observation, also in Brookline, in Bonsdorff (see her letter to me written last month) bring the total number of birds reported thus far this season from the neighborhood of Boston up to nine.

Carolina Wren
in one
Garden.

A Carolina
Wren on
Concord Ave.
Cambridge

Carolina Wren
in Belmont

Two Wrens
at
Arboretum
There were
nine
in
Brookline

Cambridge, Mass.

1908.

Sept. 8

(No 2)

As I was writing in my Study this afternoon I heard a Water Thrush chomping excitedly in the jungle. I think there was a cat hidden there among the crowded trees and bushes for when I got to see that the Water Thrush was in a low tree belching as if something had disturbed him and was preventing him from returning to the density of the bush and coverd ground beneath. Within a few yards of him was a bush (*Vaccinium corymbosum*) was another bird which I have seen long expecting to find in just this place but have never before noted anywhere in our grounds, viz a Connecticut Warbler. At first, seemed to be apprehension of some hidden danger or it was the general for he was regarding its vicinity with head bent down and was twisting and flitting his tail incessantly and uneasiness but for a time he made no sound. I could not see him very well at first because of the density of the Vaccinium foliage but he soon flitted up into an open tree and hopping out into the sunlight, within less than twenty feet of where I stood, gave me a splendid opportunity to study him long and comfortly through my glass. I now saw his broad buffy eye ring, his yellowish throat, the brimful yellow of the breast and all the other details of his plumage which was either that of a very large, fully colored female or of a young male in fresh autumn plumage - the latter, I think. Then at length he took wing and flew out of sight high among the trees he gave a single low, full cheep exactly like that of an autumnal Black-bell. This call is not often uttered by a Connecticut Warbler but I remember hearing it (and fully identifying birds then uttered it) during the early '70's when Brewster & I gave a much attention to Connecticut Warblers in the old High Jungle. It is interesting that the species has at length occurred in one jungle for whom I planted it I had especially in mind attracting them here if possible.

Connecticut Warbler seen in the jungle in our Garden

Cambridge, Mass.

1908.

Sept. 9

Brilliantly clear with light N. wind. Warmer.

Carolina Wrens
in the
Gardens

H. A. Purdin came out this morning to see the Carolina Wrens. We soon found them among the rank herbaceous growth in the north east corner of the Garden. I drove them out from the Museum to the birds when they remained most of the forenoon. Although less noisy than they were yesterday forenoon they called or scolded at intervals and twice the male sang a few times.

At daybreak this morning I heard the ~~tree~~ call them. Last evening they went to roost among the rhododendrons in the angle of the Museum roof just as twilight was falling. Before settling themselves for the night both birds scolded loudly and incessantly for two or three minutes. While listening to them it suddenly struck me that their chattering calls which I have compared to those of the House Wren were really quite different and much more nearly like (at least in quality) the rasping notes of the Katydid. Purdin, who has been hearing many Katydid's of late, agreed heartily to this comparison when we were listening to the scolding of the Wrens this morning.

Both birds continue retching and clucking. One may approach them closely enough but they are fast masters of the art of hiding and skulking in undergrowth and old woodpiles (such as that near our toolhouse). Then it is difficult to get a good view of them. They respond quickly and satisfactorily to "Scolding" the first day but since then they have paid little or no attention to it.

Scolding
notes like
House
wrens
sound by
Katydid

Cambridge, Mass.

1908.

Sept. 12

Cloudless but densely hazy. Warm with light southerly winds.

Returning to Cambridge late yesterday afternoon (6 P.M.) Carolina Wrens in the Garden I found both Carolina Wrens in the Garden. At first they were in the places whence I drove them into the jungle where I think they spent the night for I heard them pecking there just as it was getting dark under the trees. I searched the whole of our grounds for them this morning very carefully but without success. About 10 A.M., however, the male sang three, in quick succession, in the jungle.

As I was looking for the Wrens this morning I came upon a little party of Warblers in the north-west corner of the Garden. There were three Black-polls and a Yellow Warbler. The latter was a young male in bright autumn plumage, very rich, chart yellow on the under parts, with fine chestnut streaking on the breast. He kept most of the time well up in the big willow where the Black-polls were, also. I believe see a Yellow Warbler in the Garden after the close of August.

Yellow Warbler
in the
Garden

There were eight Chipping Sparrows flying over the Garden at one time last evening. They remained in sight only two or three minutes and then flew off southward. I think they must have been migrating but I saw none here early in the week which acted like wood birds. I have not observed any at Concord for a week or more.

Chipping
Sparrows

Cambridge, Mass.

1908.

Dec. 20

I received a call this morning from Samuel Copeland Palmer whom I had never seen before but who wrote me last October about a Mourningbird that he had found near Fresh Pond. He is a young man who came here from Pennsylvania a year ago last September to take a two years course in botany at Harvard. During his stay in Cambridge he has taken almost daily walks in search of birds, usually either to the Cambridge Cemetery or to Fresh Pond and the neighboring swamps. That he has made good use of the opportunities afforded by these excursions is evident for he has many interesting things to tell me. He seems to drop a deep interest in birds and to know them well. Indeed he impressed me as being an exceptionally intelligent and careful observer.

The chief object of Mr. Palmer's call was to tell me about a Bald Eagle which he had just seen in Cambridge Cemetery and to get me to return there with him in the hope of finding it again for he had left it only half an hour before (about 9.30 A.M.) perched in one of the old trees that grow along the edge of the Salt Marsh at the south-eastern extremity of the higher land. Thither it had flown from near the middle of the cemetery where he saw it first in a long sole closely surrounded by a small nest of colonizing Larches and approached it within about 150 yards before it took wing. He had a good view of it through his glasses and describes it as a plain brown bird with a little white on the rump or upper tail coverts.

Samuel
Copeland
Palmer
Calls on me

Bald
Eagle in
Cambridge
Cemetery.



Journal, 1908.

1
8
Sept.

107