



1777

(4)

1 - 1 - 1941

Central Station

100 - - - - - 50

1941 41

For 4 days it has been
a beautiful fall weather, the
glass being nearly 70 and
the falling leaf, with
and there is a sheet of ice
still left after the freeze
last week, the ice col-
ored oak, and in some places
there are few dead. Now the
sun with an occasional
brightness for the day
gave an aspect of lingering
October, but the midlands
are gone. The dark blackbirds
with many more water
as if mourning the depart-
ing season. The water
in that impelled them on
ward left a week ago
and the blackbirds left
lived a few days later.

These Indian Summer
days are cheered by the early

winter visitors, the
creeper, Kinglet &c: yet
today I heard a tree or
grass cricket under the
oaks near the laboratory
in a sunny place, his
song vivacious, yet
with a touch of sadness
in harmony with the
impending death, both of
the year and himself.

Morning at Philadelphia
after a night in which
I knew every important
stop. The time at the airport
awoke me and must have
awakened everybody else. The night
was a study in metabolism.

Allowing that waking
is catabolic and sleeping
is anabolic. Then

Katabolism, Men - Katabolism
is often dependent on external
disturbing influences which
induced by heavy gusts
of storming winds & hoards
of men etc.

The most notable thing
about of the night was
between Fair Street and
Providence, say two miles
out of latter, a whole block
or more was in flames.

The buildings were mostly
of brick so the flames were
not very high. I had a
fine view as I went on.

Philadelphia has much
aspect of Easter, possibly
not of so late fall. I think
Wilmington things bright

a bit and we easily have
gained a week. Bluebirds
in augmented flocks, like
the approaching train.

Under lot of trees show
color. About ten miles
out of Wilmington the
vegetation changes. The
first change is at that
where the clam-bay is
common. *Adiantum*
is abundant, and
the short leaf pine
and rarely willow oak,
yet in full dress appear.
This appears to be related
to live oak.

At Perryville we have
rained over three weeks,
most trees, except ash,
poplar &c. being in full
autumn foliage. Short

leaf pine is abundant, but
our northern evergreens are
absent. Have seen two small
long-leaved, or possibly yellow,
also tulip trees

There is an important
change in the geology of the
region. Instead of boulders
and ~~washed~~ polished ledges
of granite, we have a sedi-
mentary deposit, often
clayey, sometimes red from
impregnation of iron, gently
undulating hills and
fertile soil. We have left
the marines and
would not the marial

1 foot and are now
in the extreme north
from them, the water
at times were violent and
dreadably large. I have
found at times ice cakes
down to down banks,
but they are almost all
sent beyond the level of

We rapidly gain
summit below the hills,
as vigorous trees of birch
and ash, ~~and~~ ~~and~~
ash. Even the oaks
are in full ~~green~~ ~~green~~
as are some ~~black~~ ^{yellow} oaks.
but it is evident there has
been a very heavy frost

nearly all the forests are deciduous outside of Baltimore, the only evergreens in miles being an occasional Juniper. The yellow & white oaks, cherries, sassafras are plenty yet, but I see few maples, or none. The liquidambar looks so much like it I have thought I saw some, but couldn't make out.

Had a peculiar translocation in going I had right side of car to Phila. when they reversed us in early morn. when we started out it appeared to me we were going north. The sun came up in the west. I puzzled long on it but it was dislocated. After walking my back in the car where I couldn't see

out and then coming back
to my seat the sun went to
his proper place. Perhaps
dear with can explain this.

A short distance from
Baltimore there are lots of
maples in full fall leaf.
Alders in green leaf and
bracken yet green.

We have got into a land
of pure sand and andro-
pogon. The K. R. Company
has its ~~lines~~ wires on
15 ft. poles and they are
safe for the the they have
ballasted the road with
macadam the boys have
not learned to use it.

It is fine to ride through
such fall leafage on such
a beautiful day after
seeing ours pass. H

seems like clipping the wings of Father Time. But my eyes ache already.

I saw a new agricultural implement, the soil is apt to clod, and when laid down to grass would this be a bother. A man was out with a board 3 ft x 1/2, fitted crosswise on a handle, beating the clods

As you approach Baltimore a great many new flats are built in a back-yard, so it has the appearance of a new western city. It is a smoken city after, as you are in a tunnel most of the time

The first maples seen were white, but later I saw some reds, half-horned with few

Baltimore. About here
I saw the first descriptive
southern birds, 4 buzzards
sailing lazily about.

The sand has now become
fine & white, and it looks
odd to see strawberry
plants growing in it.

Some patches of lily
yet appear. I have
seen a few patch-birds(?)
but the short-leaf is in-
creasing.

The surface here is a
fine sediment, much as
at the "neck" but where
streams have cut down
there are boulders, so I
think the glacier retreat
has been in early times. It may
be of course they were brought
by ice.

7000 of bobolinks just
outside of Washington.

"translocation"

willow-oak & liquidambar
near N. Eastern hold green
till last. They do at northern
limit, including to Phil.
but at Wash they go into
autumn leaf colors. work
it out.

Somewhat poplars & beeches
are in full fall leafage. The
red oaks are the most
glistening, varnished &
beautiful I ever saw. Maple
leaves are just falling

The first overcup(?)
oak, but a broad swamp-
oak, just outside Wash.

The red maples all have
very small leaves, about
2 in diameter, and go there

pinkish yellow and dead.
Quite strikingly different
on ours, probably because
of reaching limit tall
trees are small.

A small mountain
is killed. I have seen
my flowers growing with
windy in other places.
was a lot of daisies in
bloom. Asters appear
to be scarce, as are
goldenrods. Yet some
runs are full. They are not
like ours.

In Boston saw a giant man
who lookt like the "Tall Prince
of the Mermaid" He had the cow-
boy hat. I did not go near him in
the car. In the morning I went
in to wash up. We were at Wil-
mington, or near it, stoppt in
a station. The door to the closet
was locked. He stood by it & said
"I preempt it" The porter
took pity on him & got the
key. He said "I'll be a good
boy porter, I wait — on
the floor" later I askt him
if he knew Mr. Sulloway.

He said yes, then I re-
introduced myself. We had a
considerable conversation
on various topics. He knew that
it is not expedient nor in-
convenient on us to pass the
Cuban tariff bill is just

what I have maintained
all along. Am glad I can
agree with him on some
things as I have had to dis-
agree on so many.

He invited me to lunch
on my return, and
shall do so. Felt like baby
when he put his hands on my ^{head} ~~head~~
~~and~~ ~~looked~~ ~~down~~ ~~on~~ ~~me~~. He is ^{mean} ~~mean~~.

We were too late in Washington
to see any of the city. I had
but 8 minutes schedule
time, tho we wanted longer.

Got a glimpse of Cap. &
house of Congress, from
track, also Smithsonian
buildings & Wash. Mon-
ument. As soon as over
the Potomac the South
appears. On the bridge
a darky with his mule
team, and just over the
Negro smoking his pipe
but, the merchant

soiled from a present & sure
head looking lazily at us!

Pantederia has not been
killed, and cosmos are yet in
bloom at Alexandria

Our northern trees are be-
coming scarcer, only a few
red, yellow & white oaks &
chestnuts appear. The locust
is common, liquidambar is
abundant, and the tulip tree
is now a feature of the low places,
its straight bole & erect car-
riage of symmetrically
broadly conical head and
yellow & glistening leaves
make it a striking object.

Oak is yet common in
patches to Accotink

A fine swamp of Magnolia
has just been passed.

Flowering dogwood
is common, & hickory
not rare.

The chief soil is sand,
& after we see more
or less stratified deposits
of gravel, the strata are
ded. Showing traces of
the sea, but the general
aspect is much like

Ohio

At a certain place it
is a sand ridge that would
do credit to Seabrook.

And ^{the} grasses
has been ^{the} most common
grass, but Macrorrhiza
of Virginia are now
coming to the fore. I saw
these just before Bay
River.

This historic stream is at
point of crossing perhaps
300 ft. broad. very sluggish
as are all streams seen
here, it is well cut into
the ground as might
be expected in this sedi-
mentary soil

At Key Cay we stop to
for a train to stop. I got off
and gathered *Tridax* *cupi-*
-sea, very common, also
Andro. virgin & an
Aristida, possibly *bari-*
ramna.

It is interesting to see
how near *dryandra* *ben-*
esembla *thra* *fol* in leaf
& color. Sometimes, becoming
~~to even deep purple~~ *purple* *to*
very red. The shape of
nearly that of *Myrsa*.

Acoma *red* *can* is
now a common ornament
of fences.

we skirt the talones
a long way, so broad
here it appears on the map
to be a bay. Sometimes you
can't discern the opposite
shore.

The Rappahannock of
Fredericksburg is not a very
large stream, and is
very sluggish and muddy
now, but probably a very
formidable one when
bridged and cast under
fire. I doubt have a
thousandth part of the
trouble crossing it that
Burnside did.

The town is not very
large. From the car
whenever it is no larger
than N. Easton.

The silver birch is found along streams, tho' not common. Alfalfa appears to be a good crop here. Cleared lands are not unlike San Joaquin valley, often a level; occasionally a red adobe as near foothills, then a white sand as on plains. The hills are deeply gulched as are those in California, this being no stone to break the water.

The short-leaved pine, as seen so far is an under sized tree, tho' they increase rapidly as we go south. I first saw some (5 mi. from Tule Lake) a foot thro'. They take

an appearance of
senility when 6-8' tall
and stop growing.

This is a country of
magnificent distances,
mile after mile of culti-
vated land is fast, but
no stations nor houses,
~~except~~ a few negro shacks.

Don't see where every-
body lives.

I don't know what is con-
sidered a crop of corn but
here there is usually one
ear to a hill, that very
small. They only let one
stalk grow.

I see no one working.
possibly they are all selling
the destinies of the na-
tion. you would find

think it was election day.

I saw my first holly
a mile below Woodford
~~in~~ stream. It was 2 or 3
a more tall, with a few
berries.

Yellow pines increase
in number, but they are
small as yet. Mostly under
6". Tho I have seen two
a foot. Some of 18' or so must
be handy, judging from
lumber at a mill just
past. Within the last half
mile it has entirely sup-
planted the short-leaf, but seems
to like sandy ground.

It is quite anomalous
to see the liguid amber
green at N. Easton & Phila
& find a ^{the} N. America it

has ripened and shed its
leaves, while all ^{intermediate} conifers
are past between the
places, a good subject
for a sketch. Probably
the reason southern
things die is not the
severity of winter, but
a kind of stagnation
that kills things before
they can die.

N. Anna is a small
stream, but S. Anna
nothing but a ~~brook~~ creek, 20
ft wide & shallow now,
ankle deep.

The first naked
tulip-trees I saw at S.
Anna, while the first
I saw ^{at Philadelphia} were in full
autumn leaf.

Grounds at Ashland
set with white maples.
They are in the full autumn
foliage, tho' often the leaves
have fallen. All are yellow.
Why do the leaves of maple
&c. drop first, and bottom
ones of whitewood, Bassa-
ras &c? Many white
woods at Ashland and
naked or simply have one
terminal leaf. In a house
Some W. oaks. some green
leaves only.

Nearly all autumn
foliage now is yellow,
almost the only red
being oak, these scarce
and not intense

Richmond is peace-
able looking, and I would
wonder if it is so when Capital
of the Confederacy. It ap-
pears to be a rambling place
with few large buildings.

There is enough to
breathe in there.

I have eleven birds
I saw unless some of the
James were that, but they
didn't look just that way.

Halfway to Petersburg
the foliage is mostly
red, there being little
yellow. This may be owing
to soil, as it is mostly red
too. Got some notes to re-
member the place.

Petersburg is a ^{size of} town ~~that~~
~~like Amherst~~ ~~but~~ ~~or~~ ~~smaller~~

A great deal smaller
as I look at it. Houses
all small, has no large
buildings save one the
Colored College on a hill as you
enter. This is an immense
brick structure.

Petersburg looks like a
place that if we captured
he wouldn't know what
to do with it; yet that it has
had its day is shown by the
fact that the Galton com-
manded us that Mac's Horns
(Van Horn's) brigade was
to repeat its charge next
Friday. They say 10000
people will be there, I
don't know what they
will do with them!

The first Taxodium
about 6 or 7 m. long
P. l. or l. or l. This also
showed the peculiarity
of being further advanced
than the N. Eastern. It
was all brown & ready
to shed from bottom of
leaf. The lower are
brown & the upper
are green & the
lower are brown.

Fine oak are very
characteristic trees.

Short - leafed oak, found
before Richmond

Dimwiddie is just a
know nothing at which
there is a station & 2 houses,

There I saw Beech trees
in full fall leaf, also
nut. The beeches of Delaware
were naked this morning
large flocks of bluebirds
are here

Red maples show some
green here.

The first field of Cotton
seen was near
La Crosse, ^{near N. La. line} It had
been cut by frost & not
killed. May be it will
be. Others I saw were seen
large fields of tobacco
are out, most have been
killed.

Saw the first Mocking

Sunset comes on a
beautiful autumn scene
not far in N. Carolina.
Yellow pine predominates

Supper at Greensboro
N.C. (N.C. / saw the first
evidence of discrimination
against Negroes. The
must have passed late,
The station is divided
into 2 waiting-rooms, colored
& white. The ~~Cars~~ they
were exactly alike in
appointments. I see the
Cars also are marked
Colored" & "white". I knew
this before of course, but
had never seen it.

I think I have gained
about 3 miles on the

weather in today's run
No. 10 in a is 25 miles
from Washington
I have seen many trees,
mostly oaks, - unknown
to me. There are also
found for about 100 miles
back. This may be the
same but I know not
of course water, that is
sale here than elsewhere
but I think this is a
fact. It may be white
cedar.

Monday, 3rd of June
in 24 hours, and I
back to Cedarvale and
read I was happy
But the soft moon-
light is from the moon
nearly at its full.
is strong, rare and

Cotton field the scattered
houses and picturesque
kay cabins, with their Chin-
ney stacks on one end,
usually of one room with
door in the middle of one
side to give vent to the
embarrassment of poverty,
good cheer, and happy
go-in-kay happiness forms
a panorama that only
could remind. Talk of happi-
ness and contentment is
the darky alone, He is
all right. Don't wake
him to cares and res-
ponsibilities. He is too small.

He is a continual song
of nature and kept to
his simple and sweet.

You plantation show-
ing in the warm light
latter sheet of paper

with the building
like a hoard of fishes,
what is its history?
who says that it is
do the do to fulfil the
grand requirements
and fill the position
of a masterpiece?

After all, cards and
ships, fields and
fish are the grandest
forms, so that it can
never be written in its
entirety, only here a distich
there a carol. you can
-epic. But the whole?
what soul could grasp
it, what intellect under-
stand it written?

The page is there out-
spread before us: but
who dare sully it with

a feeble attempt of
at Kettrell we stop at
the great enjoyment of
strawberry plants: the
chief in the South.

At the next stop, Frank-
linton, a typical Southerner
with mustache & goatee
and soft hat got on. He
looks as if the fire was
not very deep, and it
would easily creep if
fricked.

Day break came at Sa-
vannah. The part I saw
was mostly one-story
houses. They have a
very fine station. Prob-
ably only went into the
suburbs. Altho there
has been a heavy frost
asters, golden-rods

Johnwards to a
bloom. One ~~shrub~~ is ⁱⁿ June
189 grows 6 ft high and is
a mass of green ^{leaves}
like those Mrs. T. has
sent. The first I saw
was a mile or two
Savannah, in a swamp
oaks, then gnarled
branches & loaded with
mass, are now a con-
spicuous feature. The
pines are still the same
leaf. They do not
wear whickers, as we
are in a humid, hot,
after swampy region.
The pines that I saw in
S. Carolina in the night
were 2 or 3 ft high. When
young they have an
appearance of. As they

grow on they have less am-
pition, the branches grad-
ually rising as if throwing
up their arms in des-
pairs, finally ending in
a stunted thing 3 or 4
ft. high - 5-8' through, h,
with branches clustered
at rounded top like a
witches besom.

Trill-doves are here
in flocks.

Taxodium is pretty well
ripened. Liquidambar
is all small, in brilliant
autumn red.

A change in it has
been noted. one appears
to have passed the frost
for ~~Liquidambar~~ is now
in full green leaf, as
are all but a few

About 10 miles
Savanna sun the
long leaf pine

long before I could
buckle down to
I had run out of a job so
far as known plants
are concerned till we
reach St. Mary's R. We
pass thro swamps, mile
or mile the pretty thing
I saw is *Baccharis*
glomeruliflora the
Cabbage palmetto
is a pleasing sight
and I think it a wonderful
near well, it is not
common the other one
I saw is everywhere.
Woodwardia is
is ripe & gone, but at
St. Mary's I saw

considerable *Conium maculatum*
in fruit.

Nearly every pine over
an diameter is scarred
for pitch. Miles on
miles have been killed
or killed. Grass comes
in, but usually no
new growth of pine.

The grass is coarse
and poor feed. Cows
in milk could be
easily carried by two
men.

~~Cows made in till you can see nothing but
head and back-line, to feed on it.~~

At Jacksonville the
water hyacinth clings among
the piles, floats up and
down the river, & there is
in bayou in great quantities,
all in full bloom.

One esthetic person
was a quiver of $\frac{1}{4}$ 9, all

in roses in bloom,
Climbers & dwarf.

It is hard not to think
I am in California. The
sand is the same,
candelabra trees have about
the aspect, but being
the smaller, the
long leaf is very pret-
ty the course. I have
same color of pine
as I see by the splendor
and pink to red brown
cinders. When small it
has much the appear-
ance of a narrow-leaved
Yucca, especially
when about a foot tall,
diatriis, lobelia
saffatians in bloom,
also Vernonia.

I am afraid the
Crickets will be annoy-
ing. You can hear them
above the din of the train,
& dry August humdrum
rattle. We have just
passed some Yuccas
6 or 8 ft tall, quite semi-
arid in appearance. The
next moment we were
in a swamp.

Receipts.

For future use for my-
self & others I write a
few receipts. The first
is.

How to Eat an Orange
I had frequently

when you know how far
they are. (The first time
I was here I shall certainly
be at least two days, and will
will want to be to
have a rest. Then I have
said something of a 'game'
letter, you may be sure
to find it as fast. I hope
the other will not be
away. There is no more
to be said here, I hope.
David be at command.

At present, I have
no doubt for some
time to be but I hope
never. I will be at
any time you wish
it. I will be at the
same of it.

... a versatile
ing. Saw for some time
who we have a smart
to know. Probably the same
that met *Y. m. m. m.* so
badly yesterday.

First orchids seen
on oaks at Humble Hill
of ... a ~~very~~ hard to inves-
tigate. At Cocoa it was
common on the ...
in orange ...

Colobosporium ...
at ...
this cracks in flat-
form and at ...
ledge got 13 ...
Have seen ...
lot of ...
in the ...

of The Cabbage Patch

We ran into a Hummer shower
at 11:30 and it was soon dark.
At Ft. Pierce, 6-15 at 10:00 hrs dark.
I doubt if it rains here in the
state.

Next fall in Beach 25
minutes late and they make
a 5 minute stop. The chief
characteristic of southern
trains is their disregard
of schedule. They know
where the track goes and
they will get there some-
time, what is the use of
hurrying? Had no time
at Jacksonville at all.
Buts till we waited 20
minutes. On track thro
Virginia, a single track
4 systems run of light &

Had to sleep with me
wearing it all.

Got up at 5. First I
heard I took to be a black
warbler, then he changed
to an English Sparrow
note. When I got to see
the bird I found it was
a warbler.

I soon heard some
in the house. I had
birds. A little bird
sings up so faintly
sweet who who who who

One ~~Epitaph~~ tree did
it had a color
and it is called Tampense
or is. Coon is found on the
sidewalks.

It is
like
the most

... morning ...
... of the ...
the ... of the
... of the

... as a ...
... as the ...
... but ...
... They ...
... Every
... that ...

^{re} ...
...
... after
before he gets near, and
ask him ... It's
fun to watch the two ...
each other. They have come
to a sort of ...

I saw I think a real
yellow-bone ...
there is one here with
very similar note without

folks spots, breast dark
and whole top and under
red.

at the Sab, I was walki
ng in the garden when I
saw a blue crab scuttling
way. I gave chase and
found the grass was full
of them. They chuck in
tosses. Their legs & claws
are immense, the legs
large, and they walk
erect carrying them
warlike a titubate. Their
with their eyes on sticks
half an inch long. Their
their grotesque enunciation.

Vittaria lineata & *Jolyop
cum anegum* both grow in
the decaying ^{leaf} bases of the
palm, just below the leaves

They soon die when the
leaf falls below them, in
case of *Villaria* they persist
in stunted condition on
N. side.

Poly. incana is a mass
of *Coniostictis* well known
on top of the mountain
where the moisture falls
directly on it.

In deep swamps & bogs
of the alluvial
lands of the valley
of the ...
water in deep shade
and ...
freely.

Poly. phylloides, a
seen ... on ...
of old trees.

Nepenthes
grows in the low ~~land~~
to ground, also
well in shade
of the palm.

Acrostichum ^{lomanoides} *curtium*
grows in mangrove
swamps, near their
waters. It is often 7 ft
high, with a dense
crown. The pinnae
are not rarely bran-
ched. The young fronds
are often nearly
erect and sub-involute
around rachis, so they
cannot be pressed well.

Ptilotum grows in sand
under trees on Angell's
Island: it is little more

than a beach, but the soil is moist thru seepage.

NOV. 6. Got interested into the mysteries of a few cocoanut water days. It is quite refreshing. Does give yellow tint, cut off a can. Make a hole into the center and drink.

A good jilly & few inside, for cocoanuts grow in patches all around the bay. For sketch of day see large notebook.

Asplenidental filled a large ...
... ..
... ..

Nov. 9 started on trip
land's end. Sorent
Zimpon didn't come.
Took road & cutter, the
very men, timber on
surface, and woods.
Mostly pine, are the same
and numerous. In
glades timber about
1/2-6' which is much.
Roughest young imagin-
able. Sometimes there
water, at others Cardu-
-ray roads, & timber
a submerid.

Got *Triporchus* in 2 places
in a suit. It grows in
a reddish sand on the
line rock, often inserted
in the holes. Entirely
similar to *B. latic*

Got in Cuba, as if it's small
and hairy.

Got a few *Phegopteris*
replants, growing in the
sink holes, especially
one, which was a large
one. Got *Adiantum* in
the humus in deep shade

Asplenium dentatum was
abundant in another
sink-hole near latter,
growing in the same
kind of soil.

Found an odd specimen of
Asplenium in the sink-hole
was one of the specimens of *Asplenium*

Found some *Asplenium* in
the sink-hole of the sink

Brown (P)

...
...
...
...
...
...
Rattlesomey ...
dead.

Much of the ...
played ...
and across ...
-rock makes ...
men and ...
walk all the way, and
on the ...
to go ...
Corduray ...
titled. ...
...
...
...
...
...

in front, then I
went to bed. I was - of the
got to bed at midnight
at midnight. I didn't
I didn't sleep for all night,
only about 15 minutes.

For the night I was
somewhat nervous
Cynthia was to get a bag
of 14 namiks. I was under
the bed. I had
had hardly started
I was measuring
I had all my good
Cynthia was to get
a bag of 14. It is to
be a bag of 14. I was
to along with a bag
and some other things
I had a bag of 14
I was to get a bag of 14
I could have no more

from 6' several feet in diameter, in which are water and fish. Sea shells are sometimes seen, & good showing of ^{algae} ~~algae~~ was here recently. The water is very good.

We went into a hammock, which is simply hard-wood swamp, after the pine woods, without reason so far as one can see. These are covered with epiphytes and usually one will predominate. In the one we went in yesterday we found a new *Phalaenopsis* that often come variegated. It was full. The first one we went in today was no good. I then wanted S. to go to another which

was in sight, but he
checked back to. He said
wanted to find Corollata
tomorrow. Half-way there
his horse ran & failed and
he wanted to turn back.
But I kept on. Found
Cala podon *parviflora*
half-way by the way.
Color like hers but the
lip is pale and in front
of the hairs had a lot of
brown and persons
detected full of into the
Syrant. I called small's
attention to an Epidemia
which proved to be
Boothman. We
were now 30 miles
from Cutler, near the
Coast, I think. This
I saw in full Sunara

line-oaks. Probably there
was more but didn't look
for a good lot of it a little
later but would make
some.

As soon as we got in
the swamp I found
Nephrrolepis acuta, I
found it at the same
time. It is the same
time it has turned up here
in the S. A little further
on I called to S. that I had
found a specimen of *Hyllum*
He asked what I was
giving them. He came
and he found him. I
was literally all over
everything. Lots of bark
up to 6 ft. S. said it had
been hunted for the last
50 years, in vain.
He now was told
learned but I didn't.

soon found *Asphyria*,
a single plant in
humus, in deep shade.

S. says it is out of range
and grows in 18 and
further north.

He now insisted on go-
ing, and went.

Followed *Asphyria*,
and found plants
of *Hab. Gardneri*. It grew
in deep shade, in humus

S. tried to get some
but could not.

Let them get me away.
The next went to a ham-
mock in the pines, he
got *Asphyria* in front,
Cochlearia, a giant,
A very branched, and
in a sink-hole found
some more of the

little "Yectarea" It is
new S. spec., and much as
a description written, Nature
of Hawaiian.

I told S. that I was going
to find a trichomanes,
which were getting the
Symptoms of the same. I saw
a protomanes-like thing
in this sink-hole, which
was about 4 ft across
5 ft deep. It proved
to be a trichomanes new
to the U.S. at least.

A little girl going home
from school said they
had K & charcoal. We
soon saw the house, made
of 6-8' logs, not chiefly
without doors or windows
done.

The last inhabited
house before the ever-
glades is owned and
occupied by two women

Nephrodium patens re-
sembles much of *innu-*
tata, especially when
growing in sun, when the
pinnae become contrac-
ed, curled and curved out,
forming an S

Nephrolepis acuta is
very abundant in some ham-
mocks. In the one near the
schoolhouse it is 7 ft or more
high, in such a tangle
you can walk on it and
not go within 1-2 ft of the
ground. Crowns are more
high. Known from the
other by its gaily fronds,
which are usually broader

Tree fern

Caudex too fast to
3' in diameter. Covered
with fatty scales.

Stipe bases very densely
covered with fine pointed
brown long, narrow
scales

Stipes 2 ft or more long
heavily grooved above
and on sides, green

Stems and roots brown
to red, covered with
small lanceolate
scales. Stipes with
brown scales and
short glandular hairs

Frond 30" long
long, 2 ft broad,
triangular. Rachis
covered with scales

hairs. Lower pinnae
2 long, with 2 upper
pinnae below. ~~1st~~

3 or 4 rows. Upper pinnae
at most 6 in long, lower
13, always $5\frac{1}{2}$ - 2 times
long as upper

Proximal lower pinnae
bifid pinnate, the lower
near the base longer than
the upper. Ultimate pinnae
bifid linear, pinnatifid,
or pinnate bearing 7-10 pairs
of leaflets, upwardly, leaflets
linear-oblong, rounded
apex, which are
~~longer~~ ^{shorter} than the lower somewhat
and their borders strigose

Sari on backs of the
mostly simple kind, about
midway between margin
& midrib.

vari uniform on back
of short lateral ...
of up perone - a pair
Indisic none &

Asplenium myriophyllum
grows abundantly in such
places where dense shade
on lime-rock or fern-
rock. It is of a very
beautiful green and the
young fronds have the fac-
ulty of collecting the
back the light, it ...
...
with ...

Blechna verrucosa du

Bulbs 1-2' in diameter
seen when exposed ^{containing a large} to air
covered with ~~8~~ ¹⁰ leaf-buds
the first row, 4-5 in number,
their bases ~~forming~~ ^{forming} annual
lar rings. The 3-4 basal
giving rise to numerous rather
thick roots in the nodes, each
of the others bearing a bud,
one two of which sends
up a scape. 4-5 upper
nodes leaf-bearing, their
bases sheathing bulb at base.
One of lower buds gives
rise to a shoot which buds
at base to bulb.

Leaves mutually sheathing
and erect from 6/10 ft. tall.
(Bulbs filled with insects)
usually somewhat buried,
but often on surface
Leaves 1/2-2' wide, 6-15'

long, narrowly lanceolate
tip of like of young in
scale 1/2, 1/4 long, brown-
ish, thin, 1/2 inch
Sp. 11 - Sheathing
stramineous, acute, ribbed
& scales. ~~Scale~~ flowers
usually in spikes, oc-
casionally in pan-
cled panicles, rem-
inate. Floral bracts,

[Used first # 1
r ... from ...]

Nov. 14, Went to the
swampy glades on boat. It
was a very marshy place
with some water, not
enough water to get to the
hammocks, and there
very dense small trees.
Heard several alligators
croaking just above
the hammocks, and some
one. The birds were
abundant with some
some were jumping out
H. in air during the
the time.

Just below the falls
got a little *Spiridula*
colorata, some of the tall.
Also got some fine
Asotes & *Accida*.

In the first hammock
we entered S. & C. found
one or two *Hab. carolinensis*

and/oral Physurus.

I went out in the open.
When I returned to the
edge I found *Microstylis*
Floridaana, probably

When shown it they found
quite a little. When we
got out on the everglade
we could not get within
100 yds. of a hammock,
but I waded to one while
the rest slept. Saw where
a "gator" had wallowed
the grass. Found quite a
lot of the *Microstylis* in
flower. Their color is
greenish-brown. It
grows in very moist
humus, rather open space
i.e. free from brush, but
in dense shade. No moss
or other vegetation seen

The hummocks I en-
tered were very musci-
factory. They were small,
of very small trees.

Nov. 18. up at 5. break-
fast 5.30, at Royal Palm
Beach at 6 for boat. But
now at 6.30. A little
while the boat
went up, and got chicken
and - fast again. Then we
waited till 7.30 when she
came in. I went to
Kelfs, having gone to
Buena Vista. Have had
a delightful ride up
but got little

~~Expenses~~

Harshing, food, etc. 5 small	16 75
Help, 1 day	1 25
meats & bedding	2 00
Board	10 00

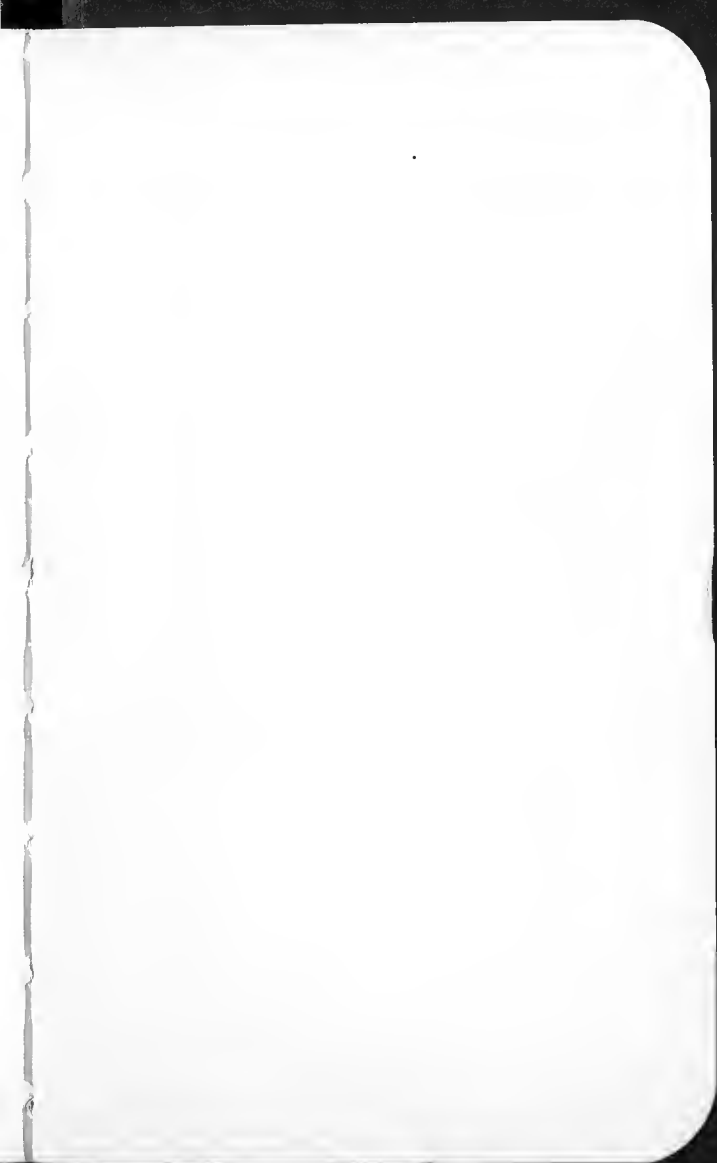
Dendrobylax

Big Palm to amrock 15 mi
 inside Cape Romano, near head
 of Palm Creek. Some people live
 on island near Cape & may
 know way. May, Feb 25
 - Grows on *Ardisia* 125 ft.

Vanilla found in crossing
 Molecumb Lake from upper
 Molecumb Key

Brassia, Miss Bidwell

... Mosquito



Chlorophanes ...
... ..

Joel Carter, Pleasant Green
Hab. - Panama
Peysonia ... Jones, H. H. ...

