

COLLECTING TRIPS

1949 &
1950 & 51

1
Saturday January 29 1949
Mount Uniacke Bog.

Cameron and Livingstone got me to go with them to show them the raised bog this side of Mount Uniacke. We went in the Museum jeep and Shirley Mason came with us. Left my house about 2.30. It was a glorious day. We visited both bogs. While going through the raised bog, we gathered some peat for Anne Gorham and her Dismal cultures. While the boys were getting their samples at the river meadow bog, Shirley walked up along the side of the river on the ice. While they were getting the samples from the raised bog, Shirley went over to the spruce trees beside the road and started a fire. First she had to get some matches from Cameron. Cameron started to use my mattock for chipping through the frozen surface layer, but he broke the handle. We took all the material back to the lab. We got back about 5.30
It was a good day

Thursday April 21 1949

Inglis St Extension, shore of Arm & R.R. Tracks

Anne G. and I went out in the morning to hunt for fruiting moss etc. We found the moss beside the road shortly before reaching the bridge on Inglis Street extension, then went over the bridge, parked the car and walked down to shore of the Arm. There was a lot more moss on the road to the shore. On the shore we located the parasite of leaves. It looks like a *Sedum*, but we must check this later. On the way back we walked along the railway embankment and located blueberry patches. Before going to the Forest Bridge we called in at Oakland Road for coffee.

Tuesday April 27 1949

Spryfield.

Anne G. and I went out to the spot along the road between ~~the~~ McIntosh Run and Kidsons to hunt for lichens. We left about 2.30 and were back by 4.20. As a collecting ground the spot is all shot to hell, but we did get some lichens. Anne and Cameron worked at them the next day. (Wed).

1 Saturday April 30 1949
St Andrew River

Anne Gotham, Shirley Mason, Gillian Bidwell
Don Livingstone, Gemmie and self went off
in my car to hunt for *Hepatica*. Gemmie
drove. We left about 9 a.m.

At St Andrew River Shirley got Ella Thurnett
to come with us and show us where the
Hepatica grew. She took us right to the spot
and it was in excellent condition. It is just
about fifty yards below where Evell and
I crossed the river.

We also collected staminate cones of
Ostrya virginiana, flowers of *Ulmus americana*
and flowering twigs of what we took to
be *Corylus cornuta*. This will be
checked later (✓) Anne made
a Botany 2 collection of fruiting *Mnium*
strophylepis. We went home via the
Musquodohoc River having got gas at
Stewiacke. On the marsh beside the
Musquodohoc River we collected very much
the same things as were around the
St Andrew River. This was the same meadow
Dore and I visited. On the Dartmouth Ferry
my car would not go and we were
pushed off. Anne & I came back that evening.

Kennelworth collection.

Friday May 20, 1949

Lonicera canadensis
Bouciera villosa var. *laevescens*
Salix lucida
Salix cordata
Heum rivale
Sagaria virginiana
Mucularia resinifolia
Tullium leernuum
Rhus lativa
Sedum triphyllum
Myosotis arvensis
Prunus pennsylvanica
Corylus cornuta
Antennaria canadica
Crataegus

Friday May 20

1949

Kennetcook

Shirley Mason, Anne Gorham, Jane Bailey, Tony Bidwell, Cameron and self went to the Kennetcook Valley in my car. We left a little after 10 am and Bidwell drove. We had our lunch at the Anthony Hotel at Kennetcook, then immediately afterwards collected on the flats south-west of the town. There were some very good collecting spots there and we got a number of good mounts. We stopped next at a grove of trees a few miles along the road but did not locate much. Many of the trees had been cut down. At Clarksville we drove into a property beside the station and collected along the river. This was the best spot we had seen. There were many kinds of flowers there and the place should be even better a little ~~at~~ later. It should be visited at regular intervals. We had some drinks at Brooklyn and arrived back in Halifax about five-thirty. It was a cool dull day. Anne looked after the mounts. The next day they all identified. Attached is the list

Thursday May 26

1949

✓ Gorham Lake

Anne Gorham and I went out to Gorham Lake. We left about 3 p.m. in my car, left the car at the church and walked in. At the bog near the lake the ~~Bake~~ Bake-apple (*Rubus chamaemorus*) was just at the height of its bloom. With some plants the petals had fallen. *Kalmia polifolia* was in bloom but the specimens were not very good. In addition to the Bake-apple we made herbarium collections of *Menopanthus mucronata* which was just coming into bloom. We were back in the lab by about 5.

Friday May 27

1949

✓ Truro

Anne Gorham, Muriel Smyth, Shurley Okerson, Dan Livingston and self went to Truro in my car. We left my house about 8.30 a.m. Dan drove both going and coming. At Truro we left the car at the Agricultural College and then walked along the flats. The collecting was good and we were sufficiently early to get things I had missed other years. We had lunch at the end of the flats by the college property and then returned to the college along the

Salmon River, Truro; May 28, 1949

Taxus canadensis
Arisaema Stewardsonii
Trillium cernuum
Smilacina racemosa
Actaea rubra
Nepeta hederacea var. parviflora
Capsella Bursa-pastoris
Primula mistassinica
Dryopteris disjuncta
Veronica ?
Salix ??

top of the cliff. At the college Anne, Shirley, etc put the collections in the press. The only staff member of the Agricultural College around was a chap named Holland. We got back to Halifax about 4 p.m. The day was cool but it did not rain and there were no flies.

Wednesday June 1 1949
Lakes, Experimental

This trip was taken to get borrowings and mud from Ronald Hayes experimental lakes, so that Shirley Mason could finish her report. Anne Gorham, Shirley Mason, Cuthbertson, Cameron and self made up the party. We went in my car and took a rubber boat Cuthbertson and Cameron did all the work. We went to Louise, Holland, Black, South Weaver and North Weaver. We left shortly after 9, had lunch before doing Black got everything we went for plus some fladders. We forgot the fly dope, but the flies were not bad. Livingston and Lewin in their jeep met us at North Weaver. We were back a little after 4 p.m.

Andromeda at Holland Lake

June 8, 1949. Eastern Passage Bog.

Juncus balticus — flowering

Eleocharis — flowering

Carex nigra? — flowering

Typha — last year's seeds — woolly; new leaves.

Potentilla patustris — leaves

Myrica gale — flowering

Alisma — leaves + last year's flower stalks.

Spiraea

Wednesday June 8, 1949
Barrie Beach, etc.

Muriel Smyth, Anne Forham, Jane Bailly and self started in my car about 10 a.m. On the way down the Eastern Passage Road I called on Gemmie Fram. At Barrie Beach the growth was just starting. It should be right in about two weeks time, but it was very interesting at this early stage. We drove on to Harten Point and parked on the rifle range, but it started to rain hard so we had our lunde and then went on to Rainbow Haven. There it was apparent that there was no boat available for navigating the current to West Laurentown. We were back in the lch. early in the afternoon.

Friday to Sunday June 10 to 12 1949
Tower Hill, N.B.

Hockey and Jerry Hope picked me up at Bedford at 9.45 a.m. Hockey spent the night at St Joseph. I stayed in Morton. On Saturday Hockey and I went on to St Stephens and Tower Hill. There we saw Aclman and Don, visited the blueberry project, collected material and discussed the problems. On Sunday we drove back to Halifax. Hockey spent Sunday night with us. He

Preston June 15/49.

Lady's slipper - *Cypripedium* ^{acaule}

Indian Turnip ← cucumber-root 189

Bunch Berry - *Cornus canadense*

Trillium Erectum

~~mass~~

Mayanthemum canadense

Viola lanceolata

Yarrow

Aronia

Gaylussacia

Poison Ivy in bloom.

DALHOUSIE UNIVERSITY

HALIFAX, N. S.

DEPARTMENT OF BIOLOGY

and I stayed at the Queen Hotel at St Stephens on Saturday night. We had fine weather all the way.

Wednesday June 15 1949
Preston (Eagle Lake)

Shirley Mason, Jane Bailly, Muriel Smyth and self went to Hugh B's place in my car. We left about 10 a.m. We left the car in the field and went right to the rock on the lake, had lunch then the three girls went collecting. They got a lot of good moths as per attached list. I went to sleep. After that they had a swim. On the way back we spotted poison ivy in bloom. Muriel fell in while crossing the brook. We did some more collecting by the old house and were back in the lake a little after 5.

Wednesday June 22 1949
Bog, Church of St John the Baptist

Anne, Jane and I went out in the afternoon to get *Arcturaea*. We got *Pogonia* and *Catapogon* but no *Arcturaea*. The Venus Fly Trap was just coming into flower, but not quite out. The Bog Huckleberry was just coming out.

Plants collected at Peggy's Cove
June 23, 1949

Sedum roseum

Plantago oliganthos?

Smilacina stellata

Arethusa bulbosa

Hudsonia ericoides

Sparganium angustifolium

Arenaria lateriflora

Veronica americana

Rhinanthus Crista-galli var. *fallax*

Vaccinium oxycoccus normal

" " diseased

Thursday
Peggy's Cove

June 23, 1949

Anne Gorham, Jane Bailly, Muriel Smyth and self went to hunt for *Arctostaphylos* in bogs near Peggy's Cove. ~~We found~~ Anne drove most of the way both going and coming. We found the *Arctostaphylos* in most of the bogs near the cove also a number of other plants including a diseased Cranberry. Near the light house there were a number of plants in bloom, but we were too late for the *Sedum*. Probably it was in bloom a week or ten days earlier. In a puddle beside the road on the way out we got both ~~the~~ *Bear* *Root* and *Hudsonia*. It was foggy on the way down, but turned out fine and warm at the Cove. It was nearly 7 before we got home.

Wednesday
Hubbards.

June 29, 1949

Anne Gorham reported that there were a lot of sand plants in bloom on the Hubbards Beach, so Anne, ^{Jane Bailly, Ally} Shirley Mason, Muriel Smyth and self went down to get them. On the way down Anne passed her test for the drivers licence. We parked at Anne's house at Hubbards, then walked to the beach, saw

Plants collected at Hubbards, June 29, 1949

Cicuta maculata
Triglochin maritima
Polygonum Raii?
Sagina nodosa
Lobelia Dortmanna
Potentilla palustris
Arenaria peploides
Cakile edentula
Convolvulus sepium
Mertensia maritima
Lathyrus japonicus
Chrysanthemum Leucanthemum var. pinnatifidum

Near Fox Point Lighthouse
Typha latifolia

the flowers and they were good. Lunch at Anne's house, I went to sleep. The three girls collected the flower and got a lot. We then drove to Fox Point and collected Typha. We arrived back in Halifax a little after 6.

Saturday-Monday July 2-4, 1949

New Glasgow and Sheet Harbour.

Anne Gorham, Shirley Mason, Mitchell and self left at 9 a.m. on Saturday. At Turro the two girls and I collected on the flats beside the Salmon River and got a fair number of plants. Mitchell stayed in the car. At Komptown we collected again and had lunch. Mitchell and I ate what-what the girls had prepared. Near Salt Springs we took a detour to the right and passed through some interesting ~~the~~ country, getting more flowers. There beside a stone house, and while the girls were putting the flowers in press, I met a chap named "Ran" from Hickey's staff at Kentville. At New Glasgow I secured my room at the Marfold, deposited Anne and Shirley with Dr Cox and took Mitchell out to ~~the~~ the G.W.C.A.

July 2, Salmon River

Lysimachia ciliata

Circaea alpina

Galium tinctorium

Heracleum lanatum

Arenaria lateriflora

Rubus pubescens

Polygonum cilinode

Medicago sativa

Seen also- *Echinocystis* (not blooming), lupins, meadow rue, blackberries

Carex stipata, *Heracleum lanatum*

July 2, Kemptown

Habenaria flava

Erigeron ramosus

Hieracium floribundum

Senecio Robbinsii

Viburnum trilobum

~~*Lonicera villosa* var. *calvescens*~~

Oenothera tetragona and *perennis*

July 2, Lime Rock

Malva moschata

Malva moschata

July 2, Big Cove

Hieracium pilosella

July 3, Kerrowgare

Rosa carolina

Hieracium Pilosella

Senecio Robbinsii

July 3, marsh near Eden Lake

Nuphar rubrodiscum

Lonicera villosa var. *calvescens*

July 3, Eden Lake

Apocynum androcaemifolium

July 3, St. Mary's River

Veronica scutellata

Apocynum sibiricum

July 3, Sheet Harbour

Brassica juncea (white and yellow)

July 4, Clam Harbour

Glaux maritima var. *obtusifolia*

Rumex acetosella

Cakile edentata

July 4, bog at Chezzetcook

Pogonia, *Calopogon*, *Arethusa* together

Malaxis unifolia

Utricularia cornuta

July 4, marsh behind big Lawrencetown beach

Heracleum lanatum

Potentilla palustris

Menyanthes trifoliata

July 4, Lawrencetown inlet

Geranium Robertianum

Plantago juncoides var. *decipiens*

Triglochin maritima

Lathyrus palustris var. *pilosus*

Smitacina stellata

Camp. During the evening the two guys helped me pick out a cup for Maryjoie and we saw Mitchell in New Glasgow. On Sunday we started about 9 a.m. Went through Stellarton, down the west side of the river to Sunnybrae and through Kerrowgan to the Garden of Eden. On the way at the top of a high hill beyond Kerrowgan we made some good collections. We had lunch on the shore of Eden Lake and Shirley had a swim. We went through Glenelg and down the west side of the river to Sherbrooke. We collected along the river. We collected along the St Mary River. We got to Sheet Harbour about supper time, saw Helen Polson and put up in the rooms she had reserved for us at the Lyndhaven Hotel. On Monday we again got off about 9 a.m. I called in to see the Braves and saw Bill on the road. We went down to Clam Harbour but the fog was so thick that we saw nothing. We had lunch beside a little lake near Jeddore. We branched off the main road at West Chignecto and went home via Laurentown and Cole Harbour. We got good collections at West Chignecto, Laurentown bog back of the main beach and on the

boulder and gravel formations west of Lunenburg.
At the West Chezzetook bog we found
Colopogon, Anemone and Pogonia all in bloom
at the same time in the same bog. The
Crane's Bell (Geranium) was in bloom on the
boulder formation. We went back to Dartmouth
by the Cole Harbour Road and got to the
Forest Bldg about 5 p.m. On Saturday
Mitchell did nearly all the driving. On
Sunday Anne did most of the driving and
on Monday Anne did some, but I did
most. Saturday and Sunday were fine
and hot. On Monday there was some
fog. The whole trip was a great
success. Anne and Shirley did all the work.

Wednesday July 6 1949

Bog, Church of St. John the Baptist

Anne Gorham, Shirley Mason, Jane Bailly
Muriel Smith and self went out during the
morning to get some *Dirosia* which was
nearly in flower the last time we were
at this bog. This time it was in
flower and we got it.

West Lawrencetown, July 12, 1949.

Malaxis unifolia (woods)

Melampyrum lineare (woods)

Epilobium glandulosum (deserted farm)
var. *adenocaulon* "

Filipendula ulmaria "

Dracocephalum "

Lappula echinata "

Sisymbrium altissimum "

Old pier

Plantago major

Zostera marina washed up on beach

enclosed beach

Arenaria groenlandica

" *lateriflora*

Spergularia marina

Ligusticum scoticum

Limonium Nashii (not quite in bloom)

✓ Tuesday July 12. 1949

West Lawrence town

Anne Gorham, Jane Bailly, Eileen Gorham
Muriel Ord and self went to study sand plants.
We left about 9 a.m. and picked up Muriel as
we passed through Dartmouth. Shortly after
we got to West Lawrence town the fog rolled
in pretty thick. Anne, Jane and I collected
along the sand. Muriel and Eileen went
back to one of the deserted farms. On the
sands, many of the plants for which this
collecting spot is famous were not in flower
as yet, but we got a number of early
plants which we had not collected before.
Muriel and Eileen got a lot of plants
around the deserted farm. We had our lunch
in the usual place and a sleep afterwards
Jane said I snored. It was too cold to
go in for a swim. We visited the place
where the bridge had been and started
for home early. We got back to the
lab about 3.30. The girls (Anne & Jane)
put the flowers in the press, and Erkine
~~the~~ helped Anne identify some of the plants.

Lysimachia terrestris

Alisma Triviale

Sparganium eurycarpum

Ranunculus cymbalaria

Scirpus validus (fruit)

Aster Rolandi?

~~*Rumex pallidus*~~

Barrie Beach July 15, 1949

July 19. HP Bell, Anne Gorham.

Shaw Bog, Hants Co.

Geum allepicum

Habenaria lacera

Rubus hispidus

Hypericum canadense

Galium palustre

Galium asprellum

Erigeron ramosus

Sambucus canadensis

Bridge at Halfway River

Apocynum sibiricum

Bluff Road

Campanula rapunculoides

along Gaspereau River road

Clematis virginiana

Verbascum Thapsus

White Rocks, at bridge

Hieracium patense, [#]*aurantiacum*

Agrimonia

Mimulus ringens

Windsor, roadside

Cichorium tetylus

Friday July 15 1949

Barrie Beach

Anne Gorham, Jane Baily and self went to Barrie Beach to get *Alisma*. ~~The *Alisma*~~ We went in my car and started at 2.30. The *Alisma* was not out sufficiently to make a wet collection, but we got enough for the herbarium. They collected a number of other things including a small *Ranunculus*. The *Scirpus validus* (Bullrush) was over. Should try for this about June 24. We should go about July 20 for the *Alisma*. I drove on to the sandy beach and got some gravel. There was some Navy chap there who got their truck stuck in the sand. We were back in the lab. by 5 p.m. It was a fine warm day.

Tuesday July 19 1949

Shaw Bog, Whiterock, Kentville.

Anne Gorham and I left about 9.30 in my car. On the main highways Anne drove the car. Just beyond Falmouth we turned off into the Shaw Bog. The weather was sultry and the flies were pretty bad. There were a lot of flowers which neither of us knew, so we made a number of collections. At the north end of the bog and

Eastern Passage July 21.

H. P. Bell, J. E. Erskine, Anne Gorham

Epilobium palustre
Hyosotis laxa
Alisma triviale } beside
marsh.

Radiola linoides - away from salt water on
mud flats.

Limosella subulata
Epilobium coloratum
Eleocharis acicularis
Ranunculus cymbalaria
Anthemis cotula } mud flats
near shore

Cotula coronopifolia
Ranunculus sceleratus
Tiglochin palustris } sand beside
brackish pond

beside the road, there were great quantities of the Black Elderberry (*Sambucus canadensis*) in flower. We stopped for a few minutes at bridge over Halfway River but did not get much except Dogbane. At Hantsport we got gas and had a good lunch at ^{Don's} ~~Cafe~~ Restaurant, then via the shore road to ~~the~~ Avenport, and through the gaspacious valley to White Rock. Anne got a number of flowers at White Rock, then via Canan to Experimental Farm. There we saw "the gang". Anne got the flowers in the press and got some of them identified. I drank the rest of the coffee which Mayone had given me. Anne drove home. We ran into heavy rain at Mount Uniacke. Arrived in Halifax after 7.

Thursday July 21 1949
Barric Beach

Anne Gorham, John S. Erskine and self started about 2 p.m. in my car. It was a fine day and Erskine found a lot of plants. We were back in the lab at 5 p.m. where he and Anne sorted the plants out and put them in the press.

July 27. Bedford.

Near barn:

Neslia paniculata

Urtica dioica

Thlaspi arvense

meadow on island:

Dulichium arundinaceum

Hydrocotyle americana

Polygonum sagittatum

roadside:

Rubus hispidus

Hypericum ellipticum, virginicum, canadense

Dryopteris noveboracensis

Athyrium

Dennstaedtia punctilobula

along river bed:

Sium suave

Sparganium americanum

Alisma triviale (seen)

Monday

July 25

1949

Breakwater

Miss DeWitt, Anne Gorham, Jane Bailly, Erskine and self went to Breakwater to get seaweeds for Miss DeWitt.

Tuesday

July 26

1949

Herring Cove

Miss DeWitt, Anne Gorham Erskine and self went in my car to get algae for Miss DeWitt. The day was perfect, the ~~the~~ tide dead low and the sea remarkably calm. We got lots of algae, but Erskine and Anne did not get many flowering plants. We started about 2 p.m. and were back in the lab with the seaweeds about 5 p.m.

Wednesday

July 27

1949

Bedford, West of Rifle Ranges

Anne Gorham, Jane Bailly, Erskine and self went to west of rifle ranges to get anything we could find. Erskine found a lot of flowers we needed. We left at 2 p.m. and spent all our time either on the meadow beside the barn or on the wood road. At the ranges we just went along the river bank below the bridge. In the

July 29, 1949

Woods at Oakfield:

Beech fern
Shield fern
Christmas fern
Bracken
New York fern
Lady fern
Interrupted fern

Shore at Indian Point:

Myriophyllum tenellum
Asclepias incarnata
var. neoscotica
Lycopus americana
Mentha arvensis
Utricularia cornuta
Littorella americanum

woods the mosquitoes were pretty bad. Anne drove through the town both ways. We were back in the lab. by 5 p.m. Anne started to make the fern collection for Crowdis. Most of the ferns were just about right. The composites were not completely out in bloom on the ranges themselves.

Friday July 29 1949
Oakfield

Anne Gorham, Shirley Mason and self went to Oakfield to get ferns for the Museum collection. We left about 10.30 and Anne drove both ways. Col. Laurie gave us cold coffee both going and coming. We collected ferns on the way out and got samples of all we were expecting. They were in perfect condition. At ~~the~~ Indian Point Shirley and I went in for a swim, had lunch and a rest. We then collected some flowering plants. I found what turned out to be *Asclepias incarnata* var. *neoscotica*. There were a number of beach plants I did not know. Anne brought them in. It was a very hot day with thunder clouds in the distance. We got home a little after 5 p.m.

Dingle etc., Aug. 2, 1949

chain fern

rock fern

Monotropa uniflora

Lycopus uniflorus

Drosera longifolia (in fruit)

Utricularia geminiscapa (in fruit)

Potamogeton.

Tuesday August 2, 1949
Dingle and Williams Lake

Anne Graham and I went out in my car. We left at 2.30. First we went to the Dingle. There the rock was being blasted from the corner of the road. After waiting for a blast to go off, we parked inside the gate and collected rock fern for both the herbarium and for stonata sections. We then went on to get the chain fern. Extensive road work was going on there too, so, for safety I parked the car in Pearson McCurdy's property. We walked on to the old pond or bog where I collected Williams in 1920. The road work had nearly filled in the pond, but the fronds of the chain fern were still available and we made a collection. Then we walked up to Williams Lake and found Indian Pipe, *Dracera* etc. Also there was considerable ~~Utricularia~~ *Utricularia* on which Anne spotted white or light coloured structures. These turned out to be seed pods full of seed. So this should be a good place for getting the flowers of this species. There was also considerable *Potamogeton*. The tea-burnis were in full flower. We returned to the lab about 5 p.m. where Anne looked after the material. It was a ^{very} good day.

Wednesday Aug. 3, 1949

Windsor area.

Anne Gorham, Erskine and self started for Windsor in my car at 2 p.m. The purpose of the trip was to have Erskine show us the good collecting grounds in the vicinity of Windsor. We left the main road just beyond Three Mile Plains and drove in to Lebeau Creek as per Anne's description given below.

Wednesday afternoon, August 3, 1949

Followed main highway from Halifax to Three Mile Plains; past there and before reaching turn-off to Brooklyn is a side road on the left opposite a general store; the place is called Swinamer's Corner. Following this side road, a cross-roads is reached. The left turn here leads to a river with falls, and farther up, a reservoir. Rich woods plants are found here - *Aster macrophyllum*. Following the right branch of the road past the cross-road, there is a ridge of gypsum on the right, where *Cystopteris bulbifera* grows; the spot is reached by walking across farms. The road passes a small lake on the left - Fish Hatcheries Lake - just past this a brook crosses the road, Lebeau's Creek. Below the bridge on the right, *Joe-pye* weed, and *Scutellaria epilobifolia*. Also *Daphne mezereum*. *Potamogetons* are in the brook, and farther along the right bank (over two wire fences) is *Asclepias incarnata* var. *pulchra*. *Myriophyllum* expected here, also *Ranunculus aquatilis*. By the brook on the left of the road, *Ranunculus abortivus* should be found. Continuing along road, a right turn leads onto the Chester road. Along Chester Road going toward Windsor, stopped at bridge over Lebeau Creek. *Rosa eglantheria* is among tall bushes growing against fence. *Sonchus arvensis* and *Tragopogon pratensis* on bank. *Rosa caroliniana* is the small rose bush here. *Callitriche*, *Potamogeton bupleuroides*, and *Sagittaria latifolia* in the stream. *Ranunculus abortivus* not seen. Farther along road, for *Cystopteris bulbifera* turn up road by chicken farm. Park at Oulton's farm, walk over the ridge, find ferns by gypsum chimneys about 200-400 yds from house. On Chester road nearer Windsor, turn up road on right opposite Atweil and McNeill's post box, turn left by farm house and right by orchard, Park at farm on top of hill. Pond is right there. *Acorus calamus* grows among cattails around edge of pond. *Lemna minor* and *trifulca* were found in wet mud at edge of water. Walk half mile (or more) past barn to bog which is in gully on left of path just inside edge of spruce woods. *Calla palustris*, cotton grass, *Chiogenes*, *Rhynchospora alba*, *Habenaria lacera*, *Dryopteris cristata*, *Dryopteris Thelypteris*, *Potentilla palustris*, grow here. Leaving Windsor for Halifax, at the second house on the left before Curry's corner, red seeded dandelion and *Plantago rugelii* grow on the lawn. Past Curry's corner, before crossing railway tracks, there is a dirt road on the left; about a quarter mile back of this, there is a pond which dries up in summer, where *Proserpinaca* and *Polygonum amphibium* may be found.

Collections at Kearney's Lake, Aug 5, 1949

Silver Spleenwort

Sensitive Fern

Hydrocotyle

Lobelia inflata

Circaea alpina

Tansy

Proserpinaca pectinata

~~Aug. 5~~

Friday

Aug. 5

1949

Kearney's Lake and Mill Cove Road

Anne Graham, Jane Bailey, Shirley Mason and self left in my car at 2 p.m. Parked car in usual place at Kearney's Lake, but had trouble getting car into reverse. We walked around the end of the lake hunting for *Littorella* along the shore, but did not find any. Probably too much soft mud. We did find *Proetes* and *Mormon-weed* (*Proserpinaca pectinata*). The lake was very low. We walked up the wood-road about a mile and I found the Silver Spleenwort, fern. The road was all overgrown with grass, but the road around the head of the lake was improved and good enough for a car. On the way back to the lake Anne found some other flowers and collected Sensitive Fern. At the lake Shirley went in for a swim while Jane and I got the car. We drove back by the Mill Cove Road and Anne collected some *Tansy*. We were back in the lab. a little after 5 p.m. It was a mighty hot day. The horn-flies were bad.

Sawlor's Lake, Aug. 10, 1949

Nymphaea odorata

Utricularia inflata

Elatine minima

Subularia aquatica

Hubbards shore

Aster foliaceus

Ambrosia artemisiifolia

Bidens frondosa

Parthenocissus quinquefolia

Wednesday Aug. 10 1949
Hubbards, Sawlor Lake, etc.

Mayorie, Jimmie, Shuley Mason, Anne Graham and self left about 10 a.m. in my car. Jimmie drove. We went to the Graham's house first and Mayorie and Jimmie stayed there. The rest of us went up to Sawlor Lake, got Lee's old boat at the slip, rowed across to the sandy beach where we collected *Potamogeton*. After that we went up to the cove near the Hart's house and found the floating *Utricularia* in flower. Back to the other end of the lake for Water Lilies. There I got wet in the sawdust. The Lees were away, but we ate our lunch on their verandah and were entertained by the cat. We drove back to Anne's house where Mayorie and Jimmie had just finished lunch. Mayorie made us a cup of tea, pressed my pants and I had a sleep. When I woke up, Anne, Jimmie and I went collecting on the beach. There was a big punie there from Maitland. Jimmie and Anne had a swim. We ^{all} had a supper at Anne's house. Shuley and Anne put the flowers in the press. We saw Mr Shayler and Muriel on the beach. Muriel called at Anne's house. Anne got everything tidy and locked up. Jimmie drove home. We arrived back in Halifax about 6.45. ±.

Monday

Aug. 22.

1949

Silver Lake, Black Lake, Chebucto Head

Anne Gorham and I started off about 10.30 in my car. First we went to Silver Lake and collected some Desmid material. Then we went to Black Lake. There the man who owns the house was making hay and I had some trouble turning the car due to the rocks being covered up with hay, also the gear shift got out of order and it was difficult to change gears. However we got the car around. We went down to the lake, flushed some partridges and got good fern material. We then drove on to Samba, the gear shift getting progressively worse. On the Samba road, just at the road leading to Baldrock Hill, the car stopped. A workman told me it was a dead battery. Anne and I walked and hitch hiked to Kitch Harbour and telephoned to Purdy's. We had lunch on a wharf and then walked back to the car. In due time Purdy's car arrived, put in a new battery and patched the gear shift. Anne and I then drove on and visited her cranberry patch at Chebucto Head. The cranberries were ripe. It was really the best trip of the summer. We were back in the lab at 4.30. At Black Lake there were great mats of ripe snowberries.

Amherst marsh, from hayfields, rwy.embankment,
and dyke.

Spartina patens

Juncus Gerardi

Trifolium procumbens

Thlaspi arvense

Cirsium vulgare

Sonchus arvensis

Leontodon autumnalis

Salicornia europaea

Achillaea Millefolium

Sisymbrium altissimum

Limonium Nashii

Triglochin maritima

Arctium minus

Solidago graminifolia

Linaria vulgaris

Spiraea latifolia

Aster umbellatus

Aster foliaceus

Polygonum scabrum

Ranunculus Cymbalaria

Vicia cracca

Solidago sempervirens

Atriplex patula

Suaeda maritima

Plantago juncoides var. *decipiens*

Polygonum cilinode

Wednesday & Thursday Aug, 24 & 25, 1949

Amherst Marshes & Joggins & West Brook

Anne Gorham, Shirley Mason, Jimmie & Mitchell and self left at 8.40 in my car. We got to West Brook about noon, met the Dickenson Bros, arranged for them to let me know when they "strawed" their patches, had lunch, saw them winnowing some bluheries and were off for Amherst without much delay. At Amherst we got our rooms at the Fort Cumberland, left Shirley and Anne on the Amherst Marshes then the three of us went on to Sackville. There we were starting to have a flat, so while Mitchell and I were talking to Mr Parker Jimmie got the flat fixed. We joined the two gals on the marshes, put the plants in the presses, visited the old fort then went to Fort Cumberland Hotel for the night. Cameron and Luvin were at the hotel too. On Thursday we went to Joggins, but I could not find many fossils. Perhaps I ~~did~~ just did not know a fossil when I saw it, perhaps we were on the wrong part of the beach. From Joggins we went to Oxford where we had lunch, took Shirley ~~to~~ to her grandmother's at Wallace the Truro via Easttown and home by 6.30.

Wednesday Aug. 31 1949
Eagle Lake

Jane Bailey, Muriel Smith, Hope Burdett
Muriel Ord and self went to Eagle Lake to
look over the blueberry species and possibilities of
burning. We left about 11 a.m. collected some
goldenrods and asters and picked out two
good areas for straining. We had lunch at
the usual place. I had a sleep, the girls
went in bathing and read a book. We were
back in the lab a little after 5 p.m. It was
a hot day.

Thursday, Friday & Saturday, Sept. 8, 9 & 10, 1949
Pulnico & Lunenburg.

After getting Mitchell on the train for Mount
Allison, Margorie and I picked up Jane Bailey
at the Forest Bldg. Jane and I got away
at 9.40. It was threatening but did not start to
rain hard till the middle of the day. I got
gas and a cup of coffee at Mahone Bay and
we had a good lunch at the Savanah
Restaurant at Liverpool. We arrived at Pulnico
at 9.15 just before Smith arrived. I went
with Benoit and Ambrose d'Entremont to inspect
the plots. I had got a room at Ruben d'Emi's
and Jane got a room in Delphis' house

Benoit took us to the turnip plot first. Smith etc came with us to this plot. The grass plot and vegetable plots I ~~was~~ visited by myself. On getting back to Pubnico I found that Smith had arranged a "conference" at the Lakeview Hotel in Yarmouth. So Delphis took C. Mac F. Benoit d'Entremont, Jane Pouilly and self over to Yarmouth, there we met Smith and party, had dinner (the "conference") were joined by Mr & Mrs Allen d'Entremont and drove back to Pubnico. There along with C. Mac F. and Benoit d'Entremont, I outlined a fertilization programme for next year. I went to bed. Jane apparently went for a drive.

On Friday. after saying good-bye to Allen d'Entremont. we left about 9.15 Two cars. C. Mac F. with me and Jane with Delphis. We inspected Guilford's insulation plant at Sable River, had lunch at Evelyn's Lunch Room then then headed for Vogli's Cove. C. Mac F. and I inspected the place at Vogli's Cove and decided it was not suitable for her work. Jane and Delphis had got lost, but they turned up just as we were leaving. From Vogli's Cove

we headed for the ~~the~~ Ovens, and arrived there at 4.20 in good time for the low tide which was at 4.30. C. Mac F. showed me the bed of kelp which she had found. It was a good bed, but it was right in the surf line and quite inaccessible at ordinary times. The surf was quite high. Before starting for Lunenburg Jane took C. Mac F. and Delphis to see the Ovens. Jane drove back to Lunenburg with me. C. Mac F., Delphis and I put up at the Barraman Manor. On Saturday Morning Jane called for us at 9 a.m. but we (not me) were not ready. When ready we inspected the lab on Quirkers wharf, then went to Jane's house, where C. Mac F. was shown everything. At Quirkers' Wharf we saw Don Beth working in the lab. After C. Mac F. and Delphis left Mrs Bailly gave me a most welcome cup of tea then May, Jane and I drove to Halifax arriving at YWCA about 12.45
Everything under control.

While this trip was in progress, Anne & Eileen Sotham, J. Ord & H. Bridgeford went to Cape Breton in the Mercury.

collected on Cape Breton trip, Sept. 1949.

Eileen Gorham, chauffeur
Muriel Old } zoologists
Hope Bridgeford }
Anne Gorham, botanist

Sept. 7.

Salt Springs, Pictou Co., N.S.

- Lychnis alba ?
- Silene Cucubalus ?
- Geranium Robertianum
- Erigeron ramosus
- Aster macrophyllus ?
- " cordifolius ?
- Chelone
- Senecio Jacobea
- Solidago flexicaulis

Port Hawkesbury, Inverness Co., C.B.

- Aster
- " lateriflorus ?
- Solidago rugosa ?
- " puberula ?

Sept. 8.

Port Hastings, Inu. Co.

Myosotis

Long Point, Inu. Co.

- Epilobium palustre
- " coloratum ?
- Eupatorium perfoliatum

Judique, Inu. Co.

Detour from Judique to Mabou, Inu. Co.

Polygonum

Hydrocotyle americana

Dunvegan, Inu. Co.

Lysimachia punctata

Margaree, Inu. Co.

Brassica

North-East Margaree, Inu. Co.

Agrimonia

Sanguisorba canadensis

Eupatorium maculatum

Galeopsis

Leonurus

Solidago flexicaulis

East Margaree, Inu. Co.

Bidens hyperborea

Chelone glabra

Ranunculus aquatilis

Iemna minor

Ranunculus aquatilis var. capillaceum

East Margaree - Margaree, River, at counting fence Inu. Co.

Myriophyllum alterniflorum var. americanum?

Potamogeton epihydrus?

Sept. 9.

Baddeck, Victoria Co.

Salicornia

Triglochin

Boularderie, Vict. Co.

Athyrium angustum var. rubellum

Geranium Robertianum

Dryopteris Phegopteris

" spinulosa?

Ross Ferry, Vict. Co.

Fern

Sydney Mines, Cape Breton Co.

Symphoricarpos

Aster

Louisburg, Cape Breton Co.

Aster

Chelone glabra

Polygonum

Sanguisorba

Umbellifera

Sept. 10

Irish Cove, Richmond Co.,

Galium palustre ?

Sparganium chlorocarpum ?

Soldier's Cove, Richmond Co.

Linum catharticum

Grand Anse, Rich. Co.

Odontites rubra

Buckwheat (Fagopyrum)

Marble Mountain, Inverness Co.

Solidago flexicaulis

Plantago lanceolata

Sept. 11

Whycocomagh, Inverness Co.

Inula Helenium

Lysimachia punctata

Kingsville Brook, Inverness Co.

Stellaria uliginosa

Cardamine pensylvanica

Utricularia

Sium

Aster acuminatus

Near Mulgrave, ~~Inverness Co.~~

Guyborough Co., Nova Scotia

Utricularia

Hawkweed

Aralia hispida

Thursday
Kentville

Sept. 22. 1949

Mayone and I went to Kentville so that I could interview, Horky, Kelsall and Luffe regarding the fertilization plots at Putnic. My interview went off OK. and Mayone got a big bunch of fruit. We were away all day.

Tuesday

Sept. 27, 1949

Truro (Debert)

Anne and self left in my car to interview Roland and George Smith in Truro. We left about 9:30 and Muriel Ord and Hope Bridgford came along with us. We got to Truro in good time and I had my interview with George Smith before lunch. We had lunch out in the open and were badly bitten by skunks. After lunch Anne went over the mounts with Roland while I had a game of Bridge. Then Roland took us out collecting. We went first to the dam at the east end of the lake called Galloping Brook. There was a military truck stuck on the damn and it was pulled out while we were there. We collected *Elodea* at this spot. From there we went to the *Marchantia* spot on the main

road but got nothing. We went next to the village of Debert. Right in the middle of the village, there is a pond and in it we got marvelous Spirogyra. Roland then took us out a road which runs due west from the College, it crosses two brooks, in one (the west one) just above a beaver dam we got more excellent Spirogyra and in the other some dark mush which turned out to be a mixture of Volvularia, two species of Tribonema and Oscillatoria. After getting back to our own car at the College, we started for home and arrived in Halifax a little after 6. Anne drove both ways.

Thursday
Dingle

Sept. 29, 1949

Anne and I went over to the Dingle to hunt for mushrooms in the early stages. At first we did not find many good ones but finally we ~~found~~ got some good specimens. I made the mistake of having her preserve some whole mushrooms in absolute alcohol. They were dehydrated and shrank to half their size.

Tuesday Oct. 4th 1949
Punch Bowl (Lake Louise)

Anne and I went out to try to get *Gleocapsa* for Botany 2. We took five gum jars and collected at various spots around the lake. We got good *Desmids*, but not a darn specimen of *Gleocapsa*.

Wednesday Oct. 5 1949
Bog. St. John the Baptist

Anne and I went out as soon as we got to the college and got jars full of material for *Desmids* hoping to get *Gleocapsa*. There was great quantities of good *Spirogyra* and when we got the collections back in the lab. they were just loaded with *Closterium* and a few other *Desmids* also *Mougeotia*, but still no *Gleocapsa*.

Monday (Thanksgiving) Oct. 10
West Brook.

1949

Anne, Jimmie and self went to West Brook to see how much straw was put on the blubbery patches. The elder of the Dickenson Bros showed us around. We took Mitchell and his friend as far as ~~to~~ Truro and picked them up on the way back. Returning from West Brook to Truro we went through the Wentworth Valley. The coloration of the leaves was especially good. Between Truro and Halifax we picked up Anne's brother John. We got back a little after 7 p.m.

Thursday

Oct. 13

1949

Silver Lake, Dingle, Waverly

Dan Livingston took Anne to Silver Lake to get Desmids. Shane went too. They went in the jeep. The collection they got was good containing many things in addition to Desmids. While out they got the ferns for Bro. 1. at the Dingle and collected a green scum on the surface of the water at Waverly. This turned out to be Euglena

Tuesday Nov. 15th 1949
Herring Cove

Anne and I left in my car about 11 a.m.
to collect kelps and Anzophyllum for Bot. 2.
We got good fruiting kelps and lots of
Anzophyllum and were back about 1 p.m.

Last Trip 1949

1950 From

here on

Wednesday April 19 1950

Studley and Doane Property on N.W.A

With the aid of Fendley and Harris I burned
the patches both at Studley and on Harvey
Doane's place. The fire was much fiercer and
and more difficult to control than I expected.
Another time the patch should be overcast
with water before burning is started.

Saturday April 22 1950
West Brook.

Majorie, Jimmie and I started for West Brook about 10 a.m. We got there about 2 p.m. and I inspected one of the burns. So far as I could see, they had not burnt quite as heavily as I did, but many spots in their burn were just the same as mine. We went on to visit Mitchell, spent the night in Sackville and returned Sunday evening. On the way in and out of Halifax I noticed that the Alder, Poplar and Willows were in flower. There were a number of good patches of Willow on the Halifax side of Waverly.

Friday May 5 1950
Frog Pond, Bog St. John the Baptist
About 5 p.m. after Dan Livingston's game, Dan and I went out to see if the Leather Leaf was in bloom. We went to the west end of Frog Pond and to the bog back of the Church. Dan took rubber boots. The Leather Leaf was almost out but not quite. The buds of Andromeda were swelling.

~~Wednesday~~

Monday May 15 1950

Bog, St John the Baptist

During the morning Jane Baully, Ann Marshall and self went out to the bog back of the church to check the Eriaceae in bloom. The leather leaf was in full bloom, but we could not find any Andromeda so we went on to the north end of Frog Pond. There we located an Andromeda plant but it was still in bud.

Wednesday May 17 1950

Herring Cove

Jane Baully, Shane and self went to get some seaweeds for Shane and other things. There was a high wind, a high sea and the tide was not very low so we did not get many seaweeds. The Ascophyllum plants had just formed the air bladders so there was no good growing tip available for apical cell. However we did get a bottle of sea water. The road was in terrible condition and it was cold. On getting back to the lab. Shane and I had tea.

Monday May 22, 1950
Silver Lake

Gene and I left from my house for Silver Lake to see if *Andromeda* was in flower. We picked up some boys on the way, who thought they were going fishing. At Silver Lake the *Andromeda* was just coming out, but the flower was still in the bud form. On the way back and just on the Halifax side of Haverfield Gene spotted some boulders covered with Rock Fern. We brought in some fronds for stomata (Bio. 1st) but on examination it was found that the lower epidermis was completely free from the mesophyll, so the material was discarded.

Saturday May 27 1950
Sambro & Black Lake

Gene, Ann Marshall, Shane and I left in my car about 9 a.m. We took the shore road to Sambro and got there just in time for the low tide. We hired a boat and collected the large *Laminaria* from the wharf. It was an ideal day for this. From there we took the inland

Kennetook, May 31st.

Artemisia stewartsonii

Thalictrum pumila

Grithum lernutum

Viola pennsylvanica

P. minus pennsylvanica

Urticaria sessifolia

Cornus stolonifera

Rubus quibecensis

Viola creperea

Trillium cernuum

Viola pennsylvanica var.

lewisiana

Fragaria americana

Urticaria sessifolia

Sambro Road to Black Lake. The road was terrible. At ~~Black~~ Black Lake we collected Snowberry and Mountain Fly Honey-suckle. The flies were very bad. We ~~too~~ kept on the inland road and got back to the lab about 12.30.

Tuesday May 30 1950
Holland Lake & Bog St John the Baptist
Anne, Jane, Ann and self went in my car to check notes for Eriogonum. At Holland Lake and along the road the Rhodora was in full bloom. At Holland Lake the Anemone was just coming out, almost in full bloom. We collected a lot of flowers for Ann to run through the key. In the bog back of the church the Pale Laurel was in full bloom and it should be possible to make a winter collection. We left about 10 a.m. and were back at exactly 12.

Wednesday May 31 1950
South Maitland, Kennetcook, Clarksville
Anne Gorham, Ann Marshall and self left in my car at 9.15 a.m. At South Maitland we were directed to a quarry called.

Kentville June 5.

Cornus alternifolia

Dryopteris disjuncta

Cardamine platensis

Cardamine pennsylvanica

Viola pennsylvanica var. lacustris

Trillium cernuum

Corydalis sempervirens

Veronica perfoliata

Acer spicatum

Polygonatum pubescens

Sambucus racemosa

Nyctotia lutea

Coralorhiza trijida

Arenaria latiflora

"Hayes's". This was reached by a side road leading to Five Mile River about $2\frac{1}{2}$ miles west of South Maitland. It is an excellent collecting ground and must be visited again. We had lunch at Anthony's Hotel at Kennetook and then came back to Upper Kennetook where we had spotted another good spot. This also must be visited again then to the regular spot at Clarkville and got home about 5.45 p.m.

Monday
Kentville

June 5

1950

Muriel Ord, Ann Watts, Jimmie and self left a little after 9 a.m. Jimmie drove all the way. We picked up Eastman at his house and went straight to the Experimental Farm. At first the sluggers hunted for slugs but did not find many. After lunch we went down through the ravine but did not find many plants, that were unusual. Then Ershine took us to Chipman's Brook just beyond Coldbrook. This is one of the best collecting grounds I have ever seen. After that he took us to a bald rock between White Rock and New

Druss - June 7 (Poland)

Salix alba

" *cordata*

" *Bebbiana*

" *discolor*

" *lucida*

" *pyrifolia*

Claytonia caroliniana

Dicentra cucullaria

Drillium erectum

Streptopus roseus

Fragaria virginiana

Ribes hirtellum

Ribes lacustris

Tilola

Scum pabo rivale (Spoland)

Arythronium americanum

Crataegus macrocarpa var. *acutifolia*

Myrica aspera *triplinata*.

Crataegus arvensis.

Caanan; 2. The bridge at White Rock and
3 an excellent collecting exposed bank between
Gasparian and Melanson. Mrs Esteme gave
us tea and we had some more to
eat at Hantsport. We were back in
Halifax about 9 p.m.

Wednesday June 7, 1950
Truro, West Brook, Lynn

Anne Gorham, Ann Marshall and
self left at about 9 a.m. Ann Marshall drove
to Truro. There we picked up Roland and transferred
to his car. At West Brook I got the blueberry
collection and had lunch beside the Dickenson
house. Roland took us to a good collecting
spot just beyond Southampton and opposite
the school house. First after this we
took the wrong road to South Brook and
then took the right one labeled "Five 9 stands"
When we got to the stand of young hard
woods we did some collecting. It should
be very good here about three weeks
earlier. There were lots of leaves
of Dog Tooth Violet. We collected at
two spots along this stretch of road.
We got back to Dehuset at about

5.20 p.m. Roland helped the two girls get the plants in the press and cleaned. We said good-bye to Roland and had supper at the "Coffee Shop" before we got to Mrs. Anne Gorham drove home. We got to Halifax shortly after 9 p.m.

Thursday June 8, 1950

Bog, St. John the Baptist, Dingle

Jane Bailey^{8,9} went across the Arm to check the flowering time of the Ensalae. At the church bog the Huckleberry was in full bloom and the Labrador Tea was just coming out. We went on to the Dingle and there the Gophery was in about the same stage as the Lidum. These should be checked in about five days time. It was mighty hot.

Mon. Tues & Wed June ~~10~~ 12-14 1950

Pubnico & Shelburn

About 9 a.m. I started off alone in my car. Outside Bedford I picked up a Quebec student who went with me as far as Windsor. Had lunch at the American House at

Middleton, then picked up C. Mac F and Shane at
Dighy. We took a brief look over the Nation
Fish plant there, being shown around by
Mr. E. B. Richardson. We got to the Grand Hotel
in Yarmouth about 5 p.m. We took Shane to his
house and then consulted Mr. Irving C. Pink
regarding big shots in the blueberry industry.
After evening meal we went out to see Ruth
Goodman (Mrs Irving C. Pink) and also
Shane's mother. At the hotel, Mr. Garvey
of the Res. Foundation met us and said we were
to drive him to Pulnis on Tuesday. The four
of us left Yarmouth about 9 a.m. on Tuesday
morning and ~~got~~ got to Pulnis about 10.20.
Smith was not there. I visited ~~the~~ Benoit
d'Entremont and inspected the plots which
appeared to be very well laid out. ~~So~~ I
put up at Rubin D'Eon. Smith arrived about
1.30 ~~at~~ with Foran and Mrs Smith. Maxime
D'Eon took us out in the boat to inspect
Irish Moss beds. After that C. Mac F and I
observed and collected at St Ann point at
the tip of the Pulnis Peninsula. I got to
bed early. ~~On~~ at about 9 a.m. Wednesday
morning, Shane, C. Mac F. and I left for
Quinan. There ~~was~~ we met Mr. Peter L. Muir
who showed us his blueberry patches and

told us of Mr. "Jack Cox" in Shelburne. We got back to Pubnico where we dropped Shane and picked up Mr Garvey who went with us as far as Woods Harbour. We had lunch at Shelburne and then had a talk with Mr J. J. Cox. Jim Cox took me out and showed me an excellent blueberry patch at the ~~the~~ Siroquois Cabins about three miles east of the town. We had something to eat at a lunch counter just before getting to Liverpool. C. Mac G. called up Kiltie from Mahone Bay. We got back to Halifax about 8. p.m.

Friday June 16 1950
Chebucto Head

Maryoic, Gene, Ann Marshall and self left in my car to get the flowering time of Foxberry and Cranberry. I went to the place Anne Gorham showed me but could find nothing. Perhaps it was the wrong spot. I do not know. We went on to the road into Duncan Cove, but did not go in. I was not sure that it led to the signal station. As far as Herring Cove the road was terrible.

Thursday June 22 1950
Hayes & Upper Kennetcook

Ann Marshall and I left at 9 a.m. Ann drove all the way to Hayes. First on the road to South Mattland we found an excellent collecting ground at Ryan's Creek I could not find it by that name on the map but it is the main brook and meadow before coming to Admoul Rock. We collected again at Urbana and then at Hayes, where we had our lunch. At Hayes we found a magnificent stand of Ostrich Fern across the river. At Upper Kennetcook we collected ~~at~~ on both sides of the road. We visited Court House Hill and were home by 5 p.m.

Saturday June 24 1950
Williams Lake

Ann, Jane and self went to Williams Lake ~~to~~ to check cranberry there. It was *V. macrocarpum* and was not out. We collected some Furber. The flies were terrible.

Monday June 26 1950

Bog St John the Baptist

Ann Marshall and I went out at 2.30pm to check the flowering time of *Vaccinium Oxyoccos*. It was in full bloom but it was scarce and difficult to find. The Bog Huckleberry (*Gaylussacia dumosa*) was just coming into flower and there appeared to be a lot of new growth for the current year and only a few of the branches bore flowers.

On the way back we inspected all the burnt blueberry patches. They needed weeding.

Tuesday June 27 1950

Bayswater Beach, etc.

We asked the Saunders to come with us and show us where Mrs Saunders found the Bear Berry (*Arctostaphylos Uva-ursi*) I called for the Saunders before 9 a.m. We got off about 9.20, called for Jane Badly at the Forest Bldg and for Ann Marshall at her house. We went first to Day Cove and climbed up the side of the hill there, at the "look-off" & there was a big patch of Bearberry. The berries were well formed so it must flower in May or early June, ~~but~~ probably the former. It rained a bit while we

there. Richard bought some fish. We then went to Baywater Beach where I showed Ann the series of beaches and collected some Iris plants. Richard then took us to ~~start~~ an island on the east side of the peninsula which is marked "Owl's Head" on the map. Had lunch and a rest there, then walked over the island and ~~to~~ did some collecting. Ann Marshall was bothered a bit with hayfever. We returned by the new road on the north-east side, getting back to the lab about 5.15 Anne Gotham and Cameron were there and identified the plants. Jane and Ann Marshall put them in the press.

Thursday June 29 1950
Road on Bedford side near Waverly
Ann Marshall, Jane Bailey and I went out to spot Poplars. We took Mitchell with us to start his hitch hike for Y Camp and Margorie came for the ride. We found lots of *P. grandidentata* at the end of the second straight stretch towards the north end of Fresh Lake ~~and there~~ we marked one of the trees. We found

some *P. tremuloides* on the Bedford side
of the bridge and right beside the road
We went out during the morning and were
back by 11.45

Sat. July 1 TO Fri. July, 7, was
continuous rain

Saturday July 8 1950
Church Bog and Williams Lake

Anna Ann Marshall and I went
out during the morning to check the
Eucassae that might be in bloom
bloom. At the church bog, the bog
Huskkberry flowers were in full
bloom and also the Orchid, Pogonia.
At Williams Lake the tall Cranberry
was in full bloom. We were back
in the lab at 11.20. The weather
was still not completely fine and
it was close and mucky.

July 11th - Windsor spots.

Lemna minor

Lemna troulca

Renothera muricata

Asclepias incarnata var. *pulchra*

Trifolium procumbens

Cyclopterus bulbifera

E. Erigeron comosus

Mytilotus officinalis

Senecio canadense

Medicago lupulina

Sagittaria latifolia

Scutellaria epilobifolia

Chrysanthemum segetum

Barbarea vulgaris

Galium polistre

Spiza virginiana

Myosotis laxa

Calla retrosa

Renothera tetrag.

Polanogeton

Carac crenata

Polanogeton epa

Erigeron annu

Mytilotus alba

Medicago sativ

Epilobium an

acru

Le
Les
Ac
Ac

some P. ...
of the ...
the ...

1 1/2 ...

Cenothera tetragona
Polomonogtona buplacovoides
Carex crenata
Polomonogton epiphyllum
Argemone annua
Mytilobium alba
Mytilobium sativa
Capitobium angustifolium
Acrona Calamum

Tuesday July 11 1950

Erskine's Collecting spots, Windsor
Brooklyn, Yellow Lady Slipper Spot

Anne Gorham, Jane Bailey, Ann Marshall and self went to Windsor area to refill the spots shown Anne and self by Erskine. (see trip Aug. 3, 1949) We went first to Lesau LeBreau Creek near the Fish Hatchery and collected on both sides of the road. The collecting was good. We went into the old fish hatchery and found a very interesting pond, backed up by an artificial dam. The owner told me I was welcome to come any time. We had lunch under a big Elm tree in the cow pasture. We then went to the farm opposite to the "Atwell and McNeil" post ~~box~~ box on the Chester Road. There Anne got the plants she was looking for ~~at~~ beside the pond and a lot more beside the road. From there to the Lady Slipper spot outside Brooklyn where we got *Cystopteris* in excellent condition. In Brooklyn we found a shady spot in front of the United Church. The girls put the plants in the press while I talked to the Minister's wife. For location of Yellow. Lady Slipper spot see trip June 2, 1949.

July 14th - Crispini's spots.

Corylus cornuta

Crataegus

Brassica juncea

Rumex obtusifolius

Astya virginiana

Potentilla norvegica var. *hirsuta*

Geum aleppicum var.
strictum

Rosa virginia

Satureja vulgaris var. *neogaea*

Salvia asperella

Mimulus ringens

Habenaria flava

Apocynum androsaemifolium

Polygonum cilinode

Hieracium aurantiacum

Hieracium florentinum

Synchris alba

Asmodeya longistylis

Erigeron annuus

Phloxanthus Cresta-galli

Athyrium angustum

Aspilobium glandulosum

Trifolium dubium

Sagittaria latifolia

Budbeckia hirta

Alisma triviale

Habenaria lacera

Euphorbia cyperusoides

Scutellaria epibulbifolia

Veronica longifolia

Galium aparine

Lysimachia ciliata

Clematis virginiana

Sanicula marilandica

Carex folliculata

Friday ^{July} ~~June~~ 14 1950
Kentville (Erskine's collecting spots)

Anne Gaskam, Ann Marshall and I left 9.03 to go over the collecting grounds in the Kentville area which were shown to us by Erskine on June 5, 1950. It rained quite heavily as we went over Mount Umack. Ann Marshall drove. We had coffee at Hantsport. I took the car and we drove up the Gaspericum valley and collected at the river bank near Melancon. The place is just west of the town and easily spotted. It was raining and we had to walk through Timothy so Ann stayed in the car while Anne and I collected. It is an excellent collecting spot and should be visited at regular intervals. At Whitebrook we went on to the bridge across the river below the town. We all walked up the path along the north west side of the river. That is on the right-hand side of the river facing up-stream. Anne got a number of things and I got wet. Anne then went down stream a short distance on the south side. I went in the water near the bridge and collected some blue flowers rooted under water, also I explored the idea that some under-water

air-bubbles were flowers. We then drove up the road to New Canaan and hunted for the outcrop where Eskine had ~~collected~~ collected Solomon's Seal and Corydalis, but I missed it. My memory was at fault. I was looking for a road-side shop or canteen, whereas there is no such thing in existence. The proper place to go in is just opposite or slightly above the old house. So we did not collect there but went on to New Canaan and on the road down to Kentville drove into a farm-yard where Anne and Ann put the plants in the press. On the way through Kentville I ordered a pair of pants. We then went on to Coldbrook and turned off at the sign "Chipman Brook" there I took them up-stream to the spot which Eskine showed me then Anne and Ann went down-stream on the other side. While there a New Yorker drove up in a Cadillac and started to ~~to~~ fish in the river. Anne got quite a number of flowers and put them in the press immediately. On the way home we had refreshments in Wolfville Ann drove. We got home in N.Y. about 7 p.m. Jimmie was waiting for the car.

Erskine trip July 19.

2 *annickellia palustris*

gajis flexilis

Hesperis matronalis

Epilobium glandulosum var. *adenocaulon*

Gastrium officinale

Scirpus palludosus

Luzina equatica var. *angustifolia*

Vinca minor

Dianthus Armeria

Pyrola elliptica

5 *tachypalustris*

Epilobium strictum

Stellaria viliginosa

(Erskine - July 19)

Scheuchzeria palustris

~~*Ceratophyllum*~~

Ceratophyllum demersum

Rorippa islandica var. *microcarpa*

Galium triflorum

Phalaris arundinacea

~~*Agrostis*~~

Wednesday July 19 1950

Wolfville and near-by valley

Anne Gorham and I took the dner up to Eskine. Janet came along with us to spend the day with friends in Wolfville. Eskine and his son David took us out to collecting spots in the valley. We went first to Tannoy Pond and then through Port Williams and on to Canada River and Habitant River. We collected whenever the road crossed a river or creek. Lunch at the Look Off. After lunch I drove out to Hall Harbour for ~~an~~ Ann to see the place collected at Sheffield Mills and, back to the Eskine's, ~~an~~ picked up Janet and off for home. Halifax by 6.45

Saturday-Sunday July 22-23, 1950

Shelburne, Souriquois Lake Cabins
Port Mouton, etc.

Anne Gorham, Ann Marshall and I left at 9 a.m. to check on the black bludonias. ~~Coffee~~ We gave one of Anne's friends a lift to Hubbards. Coffee at Hubbards. Anne drove from Hubbards to Bridgewater. Lunch at the Snack Bar at Summerville

Poet Gouton, etc. July 22-23

Pyrola elliptica

Ranunculus cymbalaria

Glaux maritima

Gonolobus uniflora

Circaea canadensis

Pyrola secunda

Cupressus polygonifolia

Salvinia triflorum

Vaccinium macrocarpon

Saxifraga dumosa

Arctostaphylos uva-ursi

Habenaria clavellata

Ilex glabra

Rubus hispidus

Rhynchospora alba

Vaccinium Brittonii

Shelburne, Port Mouton. etc. July 22-23, 1950

The man at the Snack Bar told me how to get out to Port Mouton Sands (Carl's Beach) We drove out the N.E. side of the Port Mouton Peninsula as far as the road went and walked the rest of the way. There were marvelous examples of the sand encroaching on the woods and apparently of the reverse process too. We walked around the head of the brook. Anne got a lot of flowers in the woods and the skittes were terrible. After crossing the brook on a foot bridge we went by a number of deserted cabins and finally came out on the bare sand, ~~not~~ granite boulders and granite outcrop. It was a most desolate place. In the distance we saw a man sitting on the rocks but when we got there, there was no man to be seen. We climbed around the rocks and saw the fish wharf and sheds in the distance. When we started back, the missing man was discovered behind a rock. We got back to our car by wading across the brook. Anne and Ann put the flowers in the press. On the way through Port Joli we got information from two chaps in a garage on how to get to the beaches at the tip of the Port Mouton Peninsula (Cadden Bay on the map). Going through the nine mile cut-off at Lachapelle we collected at both bays. Outside Shelburne, collected at the

Sourquois Cobins, getting *Vaccinium Brittonii*
and buds of *V. angustifolium*, var *laevifolium*
Spent the night at the Atlantic House, Shelburne
where Archbishop Kingston watched the
plants being put in the press. He also had
breakfast with ~~us~~ us. During the evening
we saw the Cox boys in their store.
On Sunday Ann Marshall drove as far
as Port Joli. I took over and drove
down the south-western side of the
Port Mouton Peninsula ~~to~~ to the end
of the road, then walked to the headland
south-east of Cadden Bay. We got a
magnificent view of the mid-bay beach
in Cadden Bay. Again we had lunch
at the Snack Bar Summerville, & picked
up Barbara Hendry in Liverpool, then
called in to see Winthrop at Chester.
Hazel gave us tea. Winthrop gave
me a razor he got in Germany and
~~the~~ read to us from Champlain's
diary. He also told us the original
of Raddel's story. July

We got back to ~~the~~ Halifax just
before 7 p.m. and saw everyone
going to church.

Petite Riviere - Aug 2.

~~Euphorbia~~ Euphorbia polygonifolia
Galium palustre
Spergula arvensis
Pyrula elliptica
Euphorbia Helioscopia
Osmunda regalis
Cirsium vulgare
P. lantago fimbroides
Galium tinctorium
Chenopodium album
Clematis virginiana
Artemisia Stelleriana
Salsola Kali
Pontederia cordata
Polygonum Raii

Wed. Aug. 2.

1950

Petite Riviere

Mayorie, Anne Gorham, Ann Marshall, Jimmie and self left at 9.30. Jimmie drove. We dropped Mayorie at Hubbards then went on to Green Bay at Petite Riviere. ~~Some~~ We had lunch at the beach then Anne took us along the beach and found the plants we were after. ~~the~~ & Anne and Ann put the plants in the press while Jimmie had a swim. On the way back we collected some more plants. At Hubbards on the way back, we stopped ~~and~~ Anne and picked up ~~May~~ Mayorie. We were back in Halifax by 7 p.m. It was a fine day and not too warm.

Wednesday Aug 16

1950

Dingle

Jane Bailey and I went over to the Dingle during the morning to get Rock Fern fronds for the Pteris stomata det. We got them just inside the Dingle gates

Wednesday Aug. 16 1950

Hartlen Pt & Barric Beach

Ann Marshall and I went to Cow Bay via Hartlen Point. I wanted to show Ann the various forms of beaches and changes in the same. We parked the car at the Rifle Range at Hartlen Point and then walked to Cow Bay. It was a dull day but not cold. I had called for Ann at 2 p.m. and we were ~~to~~ back at the Forest Bldg at a quarter to six. On the beach we had collected *Spirigularia canadensis* which Ann put in the press immediately.

Tuesday Aug. 22 1950

West Brook

H.D. Smith, Mrs Smith and I left about 2.30 in Smith's car. We stopped for a while in Truro and saw Mrs Smith's sister and brother-in-law. We arrived at West Brook a little after 6 p.m.

The two Dickinsons were there and took us to some blueberry patches. Smith stayed but I caught the bus and came back to Halifax. Dickinson was in the middle of harvesting the blueberries.

Cape Breton Trip.

Malva rotundifolia

Cichorium intybus

Senecio jacobaea

Lobelia inflata

Hypochaeris canadensis

Asplenium platyneuron

Symphoricarpos vulvaris

Saxifraga hypnoides

Fri - Sun. Aug. 25-27 1950

Orangedale etc

Jane Baily, Ann Marshall, Lawrence Cameron and self left in my car just before 9 a.m. Cameron drove as far as Truro. There we had coffee and I drove to New Glasgow where we had lunch. Ann drove from New Glasgow to Mulgrave and Cameron from Mulgrave to Whycomagh. There we put up at the Village Inn and after picking up Cameron's two sisters we drove out to Cameron's house at Orangedale where ~~we~~ Mrs Cameron gave us supper. At the end of the evening I drove Cameron's sisters back to Whycomagh. On Saturday morning I ~~we~~ brought Cameron in to his bank and then we all went out to Cameron's home and he took us to a magnificent bog. It is a quaking bog and is ideal for any northern collections.

During the afternoon we all went out to Malagawatch to see Grant Walls. We were nearly eaten alive by Mosquitos. Ann and Jane had a swim. After supper I took ~~an~~ Ann and Jane, first to Lake Rivisic and ~~then~~ then out the road to Mahou. We then went down to the shore to see the full moon over the water but we were

nearly later alive again. On Sunday Morning (Aug. 27) we picked up Cameron about 10 p.m. and Cameron drove via Marble Mountain to the Strait. We had lunch at Mulgrave Ann drove to New Glasgow. On the way we visited the Monastery at Monastery. We did not see much. We had coffee at New Glasgow then I drove to Inver where we had some supper. Cameron drove to Halifax and we arrived at his house at exactly 5 p.m. The weather was fine and warm all the time we were away. It was a great pleasure to meet the Cameron family all along the way it was great to have Cameron for conversation. He is well read.

~~Sept. 7~~

Thursday

Sept. 7

1950

Debert

Mitchell took my car and drove Ann Marshall and Jane Bailey to Debert so as to deliver the collections to Roland. They saw Roland and were back early in the afternoon.

Tues, Wed. & Thurs. Sept. 13-15, 1950

Lockport & Pubnico

Mitchell and I started in my car at 9.15
At first it was dull but we did not run into
real rain till we were beyond Bridgewater. We
took turns at driving. Lunch at the canteen
just beyond Liverpool. (Summerville) By the time
we got to Lockport Station the storm was
pretty bad, but I made my collections. There
are all types of ordinary bog Sidaea just
beyond the station, but the storm was so bad
that I did not go along the tracks to
see if the bog still extends to the tracks
At Shelburn I bought some Sun-son. The
storm got worse. Five miles before we got
to Pubnico the engine passed out. We
hired a ~~D~~ car. Mitchell went on to
Pubnico, got a tow-car and got in
touch with C. MacFarlane. I was towed
to Pubnico. Delphis and C. Mac F. met me
there and took me to Ruben d'Eon's.
where I stayed. Mitchell stayed with Delphis
It was cold.

Wednesday morning I went over a
number of things with C. Mac F and got
my car. In the afternoon we went out
in the boat and had a look at

some of the experimental work. The weather was cleared by then.

Thursday Morning. we started for Halifax C. Mac ⁴ with us. We went via the valley. The engine heated badly. At Digby, at the Fundy Garage ~~the~~ the engine was "Pressure Purged". We had lunch in Digby. From there on the engine was O.K. We had supper at Hantsport. Arrived in Halifax 9 p.m.

Monday Sept. 25 1950
Silver Lake

Funday went out in the afternoon for Disinfectants and got some good material.

Friday Sept. 29. 1950
Hubley Lake

Miss Buntin, 91 London Street had asked me to identify some berries which she had collected at Hubley Lake. They turned out to be Barberris. She said she would show us ~~show~~ where they were found, so Ann Marshall and I called for her at 2:30 and she took us to the spot. We made a collection and were back in the lab. by 4 p.m.

Tuesday Dec. 26 1950
Hubley Lake

Jimmie, Anne Gerham and I went out to Hubley Lake to get winter buds of *Arctostaphylos Uva-ursi* (Bearberry). We left at 2.15. Jimmie drove. It was mighty cold and the road in from Hubleys was covered with ice. We got the buds and I was home by 4 p.m.

Tuesday Jan. 2. 1951
Lockport station

Adshad and I started at 8 a.m. in my car. The roads were very slippery at the start ~~and~~ and the car was cold, but by the time we got to Liverpool the snow on the roads was starting to melt and the roads were clear when we got to Lockport. We made the collections and had lunch at the Ragged Islands Inn. Coming back the roads were clear till we got to Onahone Bay then it started to get dark and the roads started to get tricky. The roads were especially tricky in the Beachville area. We got home about 7 p.m.

Wednesday March 28 1951
Wolfville

We all went to the Institute of Science meeting at Acadia. Jane Bally, Ann Marshall, Norman Pickett and Fundlay went in Amy's car. Fundlay drove all the way. We left at 4.15 sharp and deposited Jane at the Hall at 12.35. It was a good trip.

Wednesday April 4 1951
Hubley Lake

Jane Bally, Jane Burchills, Fundlay & self went out to Hubley Lake to inspect the Raspberry patch. Left about 2.45 and returned 4.45. The flowers were ready to open but not opened. They looked as if they would be out in about two weeks. We made collections of buds and also brought in some leather leaf plants but no preserved collections of this.

Monday April 16 1951
Blueberries Burrut

Fundlay and I hunted all the blueberry patches. Jane was with us at Studley and Macken's. We had the storm pump and watering can. Everything went O.K. It took us under two hours in all.

H.M.B.

Saturday April ~~20~~ 21 1951
Hubley Lake & Wooden Cove

Jimmy, Findlay, Mayorie and self left our house about 11.45. Mayorie and I got off at Hubley's. Jimmy and Findlay drove on to Wooden Cove. Mayorie and I walked through the old road. The Brarberies were not out but the buds were swollen and looked as if they should be out in about ten days. The patches of Brarberies extended all along the high part of the land and did not end till we dropped down towards the river. We met Jimmy and Findlay at about 3.45. It hailed quite heavily as Mayorie and I were going over the highland. Findlay caught two trout. Jimmy continued to fish for a while. We got back home in time for supper.

Wednesday April 25 1951
Eagle Lake

Findlay and I started off about 9.30 in my car. Parked the car in the usual place and walked in. We cut a patch of blueberry bushes between the site of the old house and the still-water and marked

with stakes and stones. After that Findlay and I fished for a while in the main lake but it started to rain so we started for home. The May-flies were out in force and the fish were jumping. We were back in the lake. ~~at~~ about 3 p.m.

Tuesday May 1, 1951
Hubley Lake

Hubley Lake at the spot where the ~~Red~~ Bearberries grow was visited by Jane Bushell and self. We left in my car at 2.30. We planned to drive right to the lake, but a car was broken down on the road about $\frac{3}{4}$ of a mile in and we had to back out and left my car at Holland Lake. We walked in from there. The Bearberries were not yet in flower but the leather leaf bushes were. We made a wet and dry collection of these. We got back to the lake about 5 p.m. and I showed Jane what to do with the collections. It was a fine warm day and a good trip. The Bearberries were almost out and should be in full bloom in about ten days.

Tuesday

May 8

1951

Hubley Lake

J. Burchell

Went to spot where Bearberries grow with Ann Marshall in her car. We parked the car in the usual place and walked in to the patch. It rained when we were walking in and we walked back from the road for a way. Only a few ^{flowers} ~~berries~~ were in bloom but we got some nice ones.

Friday

May 18

1951

Leather Leaf Collecting Spots

Gene Burchell, Ann Marshall and self went out to select a collecting spot ~~for~~ for the seasons collecting. We visited the bog on the pipe line at Armdale, the church bog, the north end of Frog Pond and south end of Frog ~~for~~ Pond. The growth at the north end of Frog Pond was much the most luxuriant and furthest advanced so we selected that patch for the seasons collection.

Friday May 18 1951
Hubley Lake

Jane Burchill and I went out to Hubley Lake to check on the flowering time of the Brackenry. The flowers were in full bloom. The ~~the~~ corolla had fallen from some and others were withering. The last blossoms were out in full bloom. It looked to me as if it were the end of the flowering period for this plant. The trip took the whole afternoon. It takes half an hour to walk in from where we park the car.

Friday June 1, 1951
Eagle Lake

Ann Marshall, Jane Burchill and self left in my car about 2 p.m. to measure blueberry plants beside the patch which Friday and I measured. Jane and Ann made measurements of the blueberry plants and while doing this Ann was tormented by the ~~the~~ black-flies. Later she came out in a rash and had a very severe reaction for ~~the~~ each bite. After measuring the plants, we went up the trail to the lake. I had never seen the water so high. It was running down all the paths to the place where we cross the

run and the temporary bridge across the run was floating. We had to wade to get across. I more or less fell in. At the lake, the rock, where we usually eat our lunch, was under water. On the way back, Ann found she had forgotten her watch, but did not find this out until she was over the temporary bridge. Jane went back to the lake and got the watch. We go home about 6 p.m.

Monday June 11, 1951

Eagle Lake and Skerry's Brook

Bailey, Birchell and self went out in my car to check growth in the patch which Findlay and I had cut. We left about 11 a.m. Parked the car at usual place and walked in. The ~~to~~ growth in the mowed patch had started and appeared to be about the same length as the growth in the burnt patches, but it did not look so luxuriant but this is ~~an~~ only guess. Another year I should burn and cut a number of adjacent patches. We had lunch ~~at~~ on the Eagle Lake property. From there we drove up to Skerry's Brook. I located the path. It follows close beside the brook and the best patch patches of leafy liverwort,

are just at the top of the hill where the
path is right beside the brook, just at its
margin between the fast running brook and
the bog. It was a fine day. We came back
via Bedford reaching Lak by 4.30 p.m.

Tuesday June 12 1951
Chester

Janet wanted to see her aunts and I wanted
Ascophyllum tips, so I took Jane Burdell and
Janet down in my car leaving 2.30 and got
back 6.40. The *Ascophyllum* plants were in
perfect shape so I made the collections. We
had afternoon tea there. Roberta and Fraser
Bond called in while we were there.

Thursday June 14. 1951
Kentville, Caribou Bog, (Stearn) ^{Called "Mill Village" on map} Mill Village
Jane Baulby, Ann Marshall, Jane Burdell
and self left at 9 a.m. Ann drove. We
collected at the Miranda River and at the
sink hole just beyond. I fell in the sink
hole. We had lunch at the Exp. Farm
and a little after 1 p.m. Don Cruikman
took us around as follows; - experimental
plot on farm, Caribou Bog, plantation

beyond Caribou Bog and burnt area at
Steam Mill Village. On the way home we had
a cup of ~~tea~~ tea at Hantsport. The sun came
out at 12.30, but we ran into rain on
reaching Halifax. We got home about
7 p.m.

Tues, Wed & Thurs June 19, 20 & 21 1951

Antigonish, Sheet Harbour & Musquodobit

Jane Burchill, Ann Marshall and self left for
Antigonish about 9.30 Tuesday morning. We had
lunch by the roadside going over Mount Thom
and arrived in Antigonish in the middle of the
afternoon. The two girls put up at the hotel and
I went over to the university and made contacts there.
A Father MacDonnell offered to guide me out to
Crystal Farm. We picked up the two girls and went
out. The MacNeil the St F.X. geology professor
showed us around. When the board meeting of
the A.S. Foundation finished, we picked up
Dr Nicholson, took him back to Antigonish with
us, dropped the girls at the hotel and went
over to the University. After dinner I had
a long talk with Dr Coady and he arranged
for me to see interested parties. I had a
talk with Charron and went to bed. The next
morning ~~on~~ (Wednesday) Dr Nicholson showed

one all over the university buildings and then we had part of a meeting on the lawn in front of ~~the~~ Morrison Hall. At first Father McPassac and Anselm Cormier were the chief ones there, but later Father Forest and Reid Sangster arrived. There were a number of others coming and going. Harold Smith and Fran were around but did not listen to me talk. While I was meeting these people the two girls were being shown around the buildings. After mid-day meal (the girls were given a meal in the female part of the building) we assembled and the college provided us with a magnificent lunch. Dr Coady directed us how to take a road through Pinktown and we started off. We drank the coffee when we got to Lochaber and arrived in Stuart Harbour about 5.30 and put up at the Lindhaven Hotel. I tried to get Peter Stewart on the phone but could get no answer. After supper I contacted Jack Balcom and arranged for him to show and burn a blueberry patch. He gave me a drink of Rum. Mrs Cameron at the Balcom & Chittick store had put our sandwiches in her "frig" Next morning (Thursday) I got Mrs Peter Stewart of Middle Musquodochit on the phone and arranged to meet her. We then started off for Pleasant Harbour. There

I saw Bill James and Harvey Beaver. They (especially Bill) appeared to be interested in strewing and burning a blueberry patch. Florence gave us an excellent lunch. We then took the road from Popes Harbour to Centre Musquodochet and from there to Middle Musquodochet where we saw Mrs Stewart. From there we took the road by the river to Musquodochet, ate our lunch (with the help of a dog) at Echo Lake and arrived in Halifax a little after 6 p.m.

Monday - Wednesday June 25-27 1951
Yarmouth

Started about 9.30 Monday morning. MacLean and a student named Kent came with me. Arrived in Yarmouth about 5 p.m. Put up at the ~~Lake~~ Lakeview Lodge. Had supper with the Shanes. On Tuesday, C. MacF and I got the articles under way. Returned Wednesday by myself. Got home a little after 5 p.m.

Friday June 29 1951
Maplewood & Preston

Jane Baithy, Jane Bunnhill, Ann Marshall and self just went to Maplewood and inspected the burnt patches. The one which

was burnt in the grass had a magnificent growth. We then went to Eagle Lake and made a collection of the trees in the park which Findley and I mowed. We went up to the lake. The water in the sun was almost down to normal. We had lunch, I had a sleep, Bailly and Marshall went for a swim and came home. We got back to the lab. in time for Marshall to pump the material and do some imbedding.

Thursday July 12, 1951
Truro (Bible Hill)

Jane Bailly, Jane Birchill, Ann Marshall and self started at 9. a.m. At about Grand Lake the car started to heat badly and we had to creep along, hence we did not arrive in Truro till about 11.30. ~~But~~ C.M. Collins was still in his office when we got there and I had a very satisfactory interview with him. We had lunch under the tree beside his building and then went down to the bank beside the river and I showed Birchill *Manhantia*, which was not so abundant as in former days and was not fruiting. We then drove over to the main building and I had an interview with Dr. W.V. Longley. It was very satisfactory too. We then started

to creep home. Ann drove. We got back to the lab. a little after 4 p.m. That evening I went over to the V. G. Hospital and saw Peter Stewart.

Thursday
Oakfield

July 26

1951

Jane Bailly, Jane Burchell and Ann Marshall and self went to Oakfield to show Jane Burchell the ferns. Gillian Redwell came along too. We left after Jane and Ann had made their collections. Col. Lammie was away. On the walk into Indian Point we collected about ten species of ferns. Had lunch as soon as we arrived. Looked at the ferns, had a sleep, had a swim, had a walk over to the other field and came home. Met George Grant and his mother at a little shop. Arrived back in Halifax about 5.30. It was a hot day. On the way out we noticed a "bloom" on a pond on the Halifax side of Waverley. On the way back we collected some and it turned out to be *Euglena*. While bathing at Oakfield we noticed a specimen of the rare Milkweed *Asclepias incarnata* L. var. *neoscotica* Fern. We put the specimen in the press.

Monday July 30 1951

Bennet, C.H., Summer House, Glen Haven

Jane Baully, Ann Marshall, Jane Burchill and self went to Bennie's house to see about blueberry patches to be burnt. We left at 3 p.m. Bennie had just arrived. Ann Marshall went in for a swim while Bennie and I hunted for suitable patches. The best were on top of the hill and could be reached by the back road. Then I took it easy on the new front platform and the three girls picked blueberries for supper. ~~We had~~ While picking berries Jane Baully located the suitable patches. We had supper with the Bennet family. Jimmie and Jane Bennet arrived late and Jimmie had a birthday cake. The four of us (Botany) got back to the lab. about 8 p.m. and we each did some work.

Tues, Wed., Thurs Aug. 28, 29, 30, 1951

Pubnico & Sandy Cove

Margorie and I started off a little after 9 a.m. We arrived in Sandy Cove during the afternoon and put up at the Harbour View Lodge. After supper we drove over to Little River and saw C. MacF. She was

a bad mood. I looked over her article. The next morning she came with us to Yarmouth, where we put up at the Lake Lawn Lodge and had lunch. After lunch we went out to Pulnis ~~and~~ where I met Remot and strowed a patch of blueberries. We had tea with Mrs Ruben and saw Allen for a minute. Margorie liked the meal at the Green Tree Inn. On Thursday we took C.M. 7 back to Digby and then started for Halifax. We had lunch at the American House (Middleton). We go back to Halifax at 4.30 p.m.

Mon. & Tues Sept. 3 & 4 1951

Larry's River

Jimmie and I started about 9.45. We ate our lunch at the Y.M.C.A. Camp at Deep Cove and arrived in Guysborough in the middle of the afternoon and put up at Grant's Hotel. We went for a drive to Canso to fill in the time. That night it started to rain hard and was raining when we got to Larry's River and saw Father Forest, but we strowed a blueberry patch and started for home by the main road. We had lunch at Goshen and arrived in Halifax about 5.30.

Thurs. Sept. 6 1951

Glen Haven, C.L. Bennett's

Jane Bailey, Jane Burdill, Ann Marshall and self left in my car at 2.30 p.m. Bennie was there already. Marshall and Burdill got off at Bennie's house and walked through with Bennie. Bailey and I went around in my car by the back road. The bale of straw was in the car. Bennie and the two girls met us at the top of the hill. We all strewed two patches. ~~†~~ The girls walked back to the house. Bennie drove back with me in the car. At Bennie's house Jane Bailey got tea ready and they all washed up. Then we went home arriving about 6.30 p.m.

Wed. Sept. 12. Strewed patches at Mackeen's

Thurs. Sept 13 1951

Eagle Lake

Jane Bailey, Jane Burdill, Ann Marshall and self went out to the mowed patch at Puxton. We drove the car right in to the entrance, collected from both the cut plants and natural uncut plants. We were back before noon. It was a hot day.

Tues & Wed Sept 18 & 19

1951

Necumtuch & Pleasant Harbour

Started on Tuesday morning by myself in my car. Bill James was not home so the straw (1½ bales) was left with Florence. Arrived at Sheet Harbour about 12.20, just after dinner, which I had at the local hotel, Jack Bakom drove us over to Necumtuch where we strawed a patch back of Sandy Ronkey's house. Jack then drove us back to his Mother's house at Port Dufferin. The roads were terrible, being in the stage of construction which is the worst possible for traffic. After Mrs Bakom had given us supper Jack drove us back to Sheet Harbour and I brought my car to Port Dufferin where I spent the night with the Bakoms. In the morning I took Helen to her store in Sheet Harbour and then proceeded to Halifax. At Pleasant Harbour I saw Florence and picked out a blueberry patch to be strawed, and at Lake Charlotte I had a talk with Bill James. I arrived at the Sward & Anchor in Halifax at 12.55.

Tues.

Sept. 25

1951

Silver Lake

Jane Bailey, Ann Marshall, Jane Burchell Norman Bicket and self left at 2.30. in my car. We collected Desmids at Silver Lake and returned via Sankro. Examined the collections when I got back in the lab. and they were excellent.

Weather Records Broken In August

1951
AMHERST, Sept. 2—Two new records were set by the weather in this area in August according to figures released by the Experimental Farm at Nappan. The total rain fall of 7.23 inches eclipsed the previous record of 7.16 in August, 1927. The other record was the lowest number of hours of sunshine, 152. During the month there were 18 days with rain and 24 days completely overcast.

Last year 6.66 inches of rain fell during August while in 1922, 6.62 inches were recorded and in 1938 a total of 6.15 inches of rain fell. Superintendent W. W. Baird said that so much rain had taken a heavy toll of grain and root crops.

Thursday

October 25

1951

Herring Cove

The tide was low at 11 a.m. so we left about 9.30. Jane Bailey, Jane Burchell and self went and were driven there by Jim Tait in Norman Bicket's car. There was no chardana and very little Laminaria, but we got a few fruiting specimens for clars, and got back to the lab in time for coffee and for Burchell's clars.

Tues & Wed Oct. 30 & 31

1951

Pleasant Harbour

Mitchell and I left after Biology 1 lecture. We had one-day meal at the Parker House Musquodouit Harbour and then drove on to Sheet Harbour where we put up at the Lindhaven Hotel. We went back to Pleasant Harbour about 5 p.m. and Bill showed a patch in his pasture. Florence gave us a magnificent meal which was very much appreciated by Mitchell. Back at Sheet Harbour, Mitchell spent part of the evening with the Mounties. On Wednesday morning we were back in Halifax by 11 a.m.

From here on has been copied into the 1952 book
Thurs & Fri. Feb 7 & 8 1952

Kentville & Wolfville

Went with H.D. Smith by train. On Thursday we had lunch with Hocky, Eaton, Kilsall, Cudman etc. I spent the afternoon with them at the farm. Spent night at the Cornwallis Inn. ~~Spent Thursday~~ ^{Friday} morning at Acadia and had lunch with a big gang at the Paramount. Returned by train on Friday afternoon.

Wednesday

April 16

1952

MacKeon's

Jane Burchill, Martin, MacLeod and self
burnt the patches at MacKeon's.

Saturday

April 19

1952

Glen Haven (C.L. Bennett's)

Jane Burchill, Fred Inglis, Martin and
Elizabeth Martin and self went in my car
to Bennie's place at Glen Haven. There Bennie
helped us burn the patches. We got water from
a pool just across the wood road from
the patches. Bennie's dog came with us also
Elizabeth. We had two strapping pumps, two
watering cans and five buckets. We filled
them twice. We started burning the patches
at Martin's suggestion from the leeward
side which turned out to be the correct
method. Martin destroyed one thermometer.
He thinks he ~~of~~ broke it putting it in the
ground, but it may have blown up
with the heat. Martin found that the
p.H. was lowered one point by the burn.
Mrs B. gave us tea and lunch after the
burning. I was back home by 6.45 p.m.
IT was a fine day.

Sunday April 20

1952

Pleasant Harbour

Borgal and I went down to Pleasant Harbour to pick out Bluberry Patches. Wilson, Adshard and Maxwell went with us. We went in my car and I called for Borgal at 9. a.m. Before dinner, the patch on Harvey Brown's place was looked over also the large burnt-over area back of Borgal's and Bill James' pasture. Borgal went to his own house for dinner and Florence gave the rest of us a magnificent chicken dinner. Then Bill, Borgal and I went over to the Brown's house where we arranged for Harvey to clear his patch. Borgal drove home. I arrived home at four minutes to five. The day was showery and while we were at Florence's there was a very heavy thunder shower.



