A change of residence, and the charge of a new and extensive parish, are the hindrances which are chiefly accountable for the delay in the continuance of this series of papers, of which the first part appeared in the Transactions of the Institute, Vol. VIII (Ser. 2, Vol. I.), page 359; and the second part in Vol. IX (Ser. 2, Vol. II.), page 17.

To the prefatory remarks of the two preceding papers, a few notes should here be added:

1. The Part I. here first presented is made up of Polypetalous plants which have been added to our Newfoundland or Labrador lists of plants since 1895.

2. These have been obtained from three sources, chiefly:

(a) Professor Macoun's Contributions from the Herbarium of the Geological Survey of Canada, (Parts I.—VI.); these are indicated herein briefly as "C. H. Geo. S. of C."

(b) A list of Newfoundland plants collected by Mr. A. B. Bullman, B. A. Sc. (of H. M. Newfoundland Survey). The plants were collected by him on the West coast in 1896, and in White Bay in 1897. This gentleman modestly says that he lays no claim to be a botanist, so that his determinations may be subject to revision, a fate which befalls even those of men who are botanists. If Mr. Bullman's decisions are sustained as to certain plants, his list adds fifteen names to our flora.

(c) My own collections since 1895 in the Bay of Islands, and a week while in Bay St. George, and a trip across the country in 1895, and to Brenton and Clode Sound in Bonavista Bay, on the East coast. At Mr. Reid’s stone quarry, about 80 miles from the Bay of Islands, on both sides of the railway track, by the
sides of the ponds in the bogs, I was fortunate enough to find, for the first time, the Schizæa pusilla, Pursh, in fair quantity.

3. To the gentlemen who have kindly assisted me in the determination of my plants, I may now add the names of Dr. Wm. Trelease of St. Louis, Dr. B. L. Robinson of Harvard, and Mr. T. V. Coville of Washington.

4. If permitted so to do, I would gladly say that I have been for the last three or four years distributing my plants, including mosses and lichens, (the fungi I hope to have ready this coming season), and that I should be glad to hear of any who may desire specimens.

I.—POLYPETALÆ. (Supplementary to Parts I. and II.)

I.—RANUNCULACEÆ.


266. R. septentrionalis, Poir. Near Meadows, B. of I. (A. W. Trelease), and Deer Lake (according to Dr. Robinson, but this plant was named R. Macounii by Dr. Trelease). Meadows and wet places. July.


IV.—MENISPERMACEÆ.

VII.—CRUCIFEREX.


36. *Barbarea vulgaris*, R. Br. Mentioned in Prof. Macoun’s C. H. Geo. S. of C. (V. 2) as not before recorded from the Labrador, was twice collected by the compiler in 1894 in the Straits of Belle Isle. See Part II., p. 20.


VIII.—VIOLACEÆ.

62. *Viola palustris*, L. Though recorded in Part I., p. 9, from the Labrador (named by himself), this is mentioned in Prof. Macoun’s C. H. Geo. S. of C. (V. 2), as not before (1894) recorded from Labrador.

65. *V. canina*, L. *Muhlenbergii*. In Bay of Islands at Birchy Cove (Fowler), Coal River and Lark Harbour (Robinson), and Rope Cove (Trelease). Fields and wet places. June.

XIV.—CARYOPHYLLACEÆ.


89. *Stellaria borealis*, Bigel. *Var. alpestris*, Gray. Shoal Point, B. of I. (A. C. W.—Trelease); Dr. Robinson says "this is very different from Dr. Gray’s conception and is much better considered only as *S. borealis*, L."

**XVI.—HYPERICACEÆ.**


**XVII.—GERANIACEÆ.**


110. *Oxalis acetosella*, L. To the doubtful occurrence referred to in my Part I, 13, may now be added Portland Creek, White Bay (Bullman). Woods. June.

**XX.—LEGUMINOSÆ.**


XXXII.—Rosaceæ.


179. *Rosa Carolina, L.* The reference to this from New Harbor (Part II, p. 25) should have been marked as very doubtfully named by Prof Macoun. M. Crepin says it must be omitted.


XXXIII.—Saxifragaceæ.


XXXV.—Droseraceæ.

XXVIII.—Rhamnaceæ. (Buckthorn Family).


XXXVI.—Hamamelaceæ. Water-hazel Family.


XI.—Lythraceæ.


XLV.—Umbelliferae.


251. *Sanicula Canadensis*, L. Wild Cove (Trelease), and Shoal Point, B. of I. (Fowler) A. C. W. Banks. July. Mr. Fernand says of the Wild Cove specimen that it is better considered as *S. Marylandica*, L.

GAMOPETALÆ.

XLVIII.—Caprifoliaceæ. Honeysuckle Family.


276. *Linnea borealis*, L. Twin-flower (GROUND-IVY AND TRUMPET-FLOWER) appear to be pretty common throughout Newfoundland and the Labrador, in mossy woods. Reported from Trinity Bay, S. John's, Fortune Bay, White Bay, Bay St. George, and Bay of Islands. *Lab*: Hopedale (Weiz-Packard);
collected at Pack's Harbour and Forteau by myself, and by Mr. Butler, on hillside. July and August. *Flora Miq.*

277. *Lonicera caerulea, L.* Mountain Honeysuckle (Cat. II., 198); (Reeks); West of Random. In full fruit September 10. Cormach, S. John's (Miss Southcott); New Harbour and Green's Harbour, (Trinity Bay), and Harbour Breton (Fortune Bay); collected by myself and named by Prof. Macoun. Rope Cove, B. of I. (Fowler). Whitbourne (Robinson and Schrenk). Long Point, north of Cape St. George (Bell). Bogs and wet woods. July and August. *Lab.* (Cat. II., 198), found by myself at Indian Harbour (near Battle Harbour), and Battle Harbour, and L'anse au Loup, and Blanc Sablon, (determined by Professors Macoun and Fowler). Caribou Island (Butler-Packard). July.

*Var. villosa, T. & G.,* (Cat. II., 198, "Newfoundland (Pylaie), Coast of Labrador (McGill College, Herb)").


*Var. pubens, Wats.* (which Prof. Macoun [Cat. III., 537] unites with the last), near Flat Bay Brook (Bell), and S. John's (Miss Southcott—Macoun).


281. *V. cassinoides, T. & G.* Withe Rod. (Cat. II., 194). This appears to be common in woods throughout the country. I have it reported from Trinity Bay, S. John's, Bay Despair, Hermitage Bay, and several places about Bay of Islands. July and August. *Flora Miq.*

282. *V. pauciflorum, Pylaie.* Few-Flowered Viburnum or Arrow-wood (SQUASH BERRY). Several places in Fortune and
Trinity Bays, Bay of Islands, S. John's (Miss Southcott). Petty Harbour (Reeks). Great Cod Roy River, Bay S. George (Bell). Manuel's River, Conception Bay (Robinson and Schrenk). Rocky banks near brooks in woods. June—August. Lab: ravines (Butler, Cat. II., 195.)

283. V. Opulus, L. High-Bush Cranberry (called *Trash Berry, I believe by Newfoundlanders mostly). Not so common as the last. Topsail (Bell, Cat. III., 539). Swamps near confluence of Exploit and Badger's River (Robinson and Schrenk). Great Cod Roy River (Bay S. George), Humber River and island in Deer Pond (B. of I.), Bell; (Reeks). July and August.

284. V. acerifolium, L. Maple-leaved Arrow-wood. Near Flat Bay Brook, Bay St. George (Bell). June.

XI.—Rubiac.e. Madder Family.


286. G. asprellum, Mx. Rough Bedstraw. Whitbourne (Robinson and Schrenk); Bay Bull's Arm (Trinity Bay) and Shoal Point, B. of I. (A. C. W.—Macoun and Fowler); (Reeks). Woods and moist ground. August.

287. G. trifidum, Mx. Small Bedstraw. In the Bay of Islands, collected by myself, at Riverhead (Fowler), and Lark Harbour (Robinson), Benton, Bonavista Bay (Fowler); several places in Trinity Bay, and Topsail in Conception Bay (Fowler and Macoun). Wayside and wet places. August. Lab: Hopedale (Weiz-Packard); Forteau (A. C. W.—Eaton). August.

Var. pusillum, Gray. Sunny banks, Whitbourne (Robinson and Schrenk); White Bay or Ferryland (Revd. R. Temple—Fowler). Lab: Forteau (A. C. W.—Fowler and Butler). June and July.

Var. tinctorium, T. & G. (Cat. II., 201).


*The "Joint-wood Berry" and "White-wood Berry" of Newfoundland, must, I think, be this, or one other of this genus.


292. _Mitchella repens_, L. Partridge _berry_. (Reeks); Flat Bay Brook (Bell). _Flora Miq._, found once near stream Bibite, in damp ground, in August. Sought after by the partridges of the island.

I.—VALERIANACEAE. Valerian Family.

293. _Valeriana dioica_, L. var. _sylvatica_, Wats. Marsh Valerian (Banks, Cat. III., 204).

III.—COMPOSITAE. Composite Family.


Var. _nigrescens_, E. Meyer. Lab: Nain (Bell, Cat. III., 552), Caribou Island (Butler), and Hopedale (Weiz-Packard.)


296. _Arnica alpina_, Murr. Lab: Nachvak and Cape Chimney (Bell) Cat. II., 261; III., 535.

297. _Antennaria alpina_, L. Everlasting. Lab: (Kolmeister—Cat. II., 236), Hopedale (Weiz), and Caribou Island (Butler) Packard.

298. _A. Carpathica_, R. Br. Wet, boggy places and river margins, (Gray) Cat. II., 237.


304. *A. Absinthium*, L. *Wormwood.* Naturalized in numerous places by roadsides, in lanes, and about dwellings, from Newfoundland to the western part of Ontario. (Gray, Cat. II., 259).

305. *Arctium Lappa*, L. *Burdock.* S. John's (Professor Holloway—Fletcher). In leaf only, but probably var. *minus.* Holyrood (Robinson and Schrenk).


308. *Aster macrophyllus*, L. *Large-leaved Aster*. I cannot find my authority for this plant.

309. *A. Radula*, Ait. *Rasp-leaved Aster*. (Cat. II., 219). West of Random (Cormack); S. John’s (Miss Southcott); New Harbour and S. Anthony, N. E. coast, (collected by myself and named by Prof. Macoun); Benton, Bonavista Bay (A. C. W.—Fowler). Rocky bank Manuel’s River (Robinson and Schrenk). *Lab.*: (Butler, Cat. II., 219); collected by myself at Battle Harbour and *L‘anse au Loup* (Macoun). August and September. Wet places. *Flora* *Miq.*, damp marl, rarely dry places; very common.

*Var. strictus*, Gray. Rocky hills, S. John’s; moist open ground at confluence of Exploit and Badger’s River; Grand Lake, B. of I. (Robinson). *Lab.*: (Pursh, Cat. II., 219); Hope- dale (Weiz-Packard); Square Islands and Capstan Island (A. C. W.—Macoun and Eaton). Bogs and wet places. August.


313. *A. Novi-Belgii*, L. Exploits River (Robinson and Schrenk); near Frenchman’s Cove and Coal River, B. of I. (A. C. W.—Robinson). The latter was reported as *A. tardiflorus* by Prof. Fowler. Wet places. September. Vide *A. longifolius* below, No. 315.


**Var. lucidulus**, Gray. Was named by Dr. Trelease and found in the Bay of Islands.

**Var. firmus**, T. & G. (= *v. levicantes*, Gray). A doubtful specimen of Mr. Howley's from Bay S. George (Macoun). **Lab**: Deep Water Creek (A. C. W.—Macoun; reported as doubtful).


317. *A. acuminatus*, Mx. I cannot give the authority for this.


319. *A. nemoralis*, Ait. **Wood Aster**. Harbour Grace (Cat. III., 227); West of Random (Cormack); S. John's (Prof.) Holloway—Fowler; Harbour Breton (Macoun), and Seal Rocks, Sandy Point, Bay S. George (A. C. W.—Fowler); Bailey Hally bog, S. John's (Robinson and Schrenk). Bogs. August. *Flora Migu.*, very common.

320. *A. linariifolius*, L. **Double-bristled Aster**. (Cormack, Cat. II., 229).

321. *A. umbellatus*, Mill. (Cat. II., 229) S. John's (Miss Southcott—Fletcher); S. George's Bay (Howley—Macoun); collected by the compiler at South Side, Harbour Grace, Harbour Breton and Bay Bull's Arm; named by Prof. Macoun, and at Clode Sound (Trelease). Common, especially along streams.
Manuel’s, Conception Bay (Robinson and Schrenk). Wet places. August and September.


329. C. arvensis, Pursh. Canada or Field Thistle. Hopedale, Trinity Bay (Macoun), and Birchy Cove, B. of I. (A. C. W. —Fowler); Bonne Bay (Bullman); Great Cod Roy River (Bell); S. John’s (R. & S.). Wayside. July—September.

330. Chrysanthemum Leucanthemum, L. Great White Large Daisy, (Bachelor’s Buttons), (Reeks); S. John’s, common (R. & S.); Birchy Cove, and a few other places about Bay of Islands. Pastures. July and August. Lab: Battle Harbour, and by paths over hill near Forteau Lighthouse (A. C. W.—Fowler). August and September.

331. Erigeron acris, L. Fleabane. Lab: (Torr and Gray, Cat. II., 234).

Var. Drebachianus, Blytt. Lab: (Gray, Cat. II., 235); Hopedale (Weiz-Packard).

Var. debilis, Gray. Lab: Lab. North, and Hudson Bay (Gray, Cat. III., 548).
332. *E. Canadense*, L. Fireweed (Reeks).


334. *E. eriocephalus*, I. Vahl. Lab: Cape Chidley (Bell, Cat. III., 347).

335. *E. Philadelphicus*, L. Canadian or Common Fleabane. (Reeks).

336. *E. unijtorus*, L. One-flowered Fleabane. Lab: (Kolmeister, Cat. II., 31); Nachvak and Cape Chidley (Bell, Cat. III., 549); Hopedale (Weiz-Packard).


339. *Eupatorium purpureum*, L. Joe Pye’s weed. The Gould’s and S. John’s (Miss Southcott); Bay S. George (Howley—Macoun); Topsail (Bell, Cat. III., 541). In Bay of Islands, collected by myself; Apsey Beach (Fowler); Shoal Point and Coal River (Trelease); New Harbour, Trinity Bay (A. C. W.), and Cormack, in the same Bay; Salmonier River, and “a form passing to var. amoenum, Gray, was collected on the Manuels River (R. & S.).” Wet places and sea cliffs. August and September. Prof. Macoun says (Cat. III., 541):—“Our specimens of this species nearly all belong to the variety *maculatum*;” and he evidently includes Dr. Bell’s Topsail plant; but all my specimens have been referred to the species itself.


347. *Knautia arvensis*, Coult. Field Knautia or Scabious S. John’s (Miss Southcott).


356. P. altissima, L. Tall White Lettuce. (Reeks) (Cormack, Cat. II., 282).

357. Onopordon Acanthium, L. Cotton or Scotch Thistle. Harbour Grace (Clift).


359. Senecio aureus, L. Golden Groundsel, Common Ragwort. "From Newfoundland and Labrador to the Rocky

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*The Flora Miquelonensis* remarks on this plant,—"Pigs are very fond of the root known as the plant under the name of Mountain Turnip. It gives to the flesh an excellent flavour."
Mountains and the Pacific." (Cat. II., 264); (Reeks); S. John’s (Professor Holloway—Fletcher); Salmonier and near Placentia Junction (R. & S.); near Badger Brook (Bull—Fowler); by myself in the Bay of Islands at Benoit’s Cove, McIver’s Cove and other places (Fowler & Coville); White Bay (Macoun). Bogs. June and July. Lab: found by myself at Capstan Island, L’anse au Clair, and Forteau, in the Straits of Belle Isle (Fowler and Eaton). July—August.

Var. obovatus, T. & G. Bay East River, Hermitage Bay (Howley—Macoun).

Var. borealis, T. & G. Lab: (Gray, Cat. II., 265); Nachvak (Bell, Cat. III., 354); Hopedale Islands (Weiz-Packard).

Var. discoideus, Hook. Lab: (Pursh, Cat. III., 265); by myself at Forteau (Eaton). July.

Var. Balsamite, T. & G. Holyrood and Exploit’s River (R. & S.); Chimney Cove, Birchy Cove, and on the Bay of Islands (Fowler and Robinson). June. Lab: at Forteau and L’anse au Mort (Fowler), and Long Point, Hamilton Inlet (Macoun); (Butler). Swamps. June—August.

360. S. frigidus, Less. "Newfoundland (?) and Labrador" (Gray, Cat. II., 267).


Var. congestus, Hook. Battle Harbour (Bull); a northern form at Seal Islands (A. C. W.); both determined by Prof. Macoun. Marshes. August.

362. S. Pseudo-Arnica, Less. False Arnica. Newfoundland and Labrador (Hooker, Cat. II., 267); Harbour Breton (Macoun), and Sandy Point, Bay S. George (Fowler); several places about the entrance to Bay of Islands (A. C. W.). Lab: (Butler); Hopedale Islands (Weiz-Packard); Battle Harbour (Bull—Macoun); by myself at L’anse au Mort (Fowler); and further north about Sandwich Bay. Sea beach and sandy places. July and August. Flora Miq., dry and stony places. July, August.

363. S. vulgaris, L. Common Groundsel. "Newfoundland and Labrador and Hudson Bay (Hooker, Cat. II., 263); appears
to be common everywhere in and about gardens;’’ sandy shore, strange to say, Flat Bay (Bell).


367. *S. arvensis*, L. Corn or Field Sow Thistle. “Abundant along roadsides and in fields from Newfoundland throughout the Atlantic Provinces and Quebec” (Cat. II., 283); New Harbour (A. C. W.). Gravel banks in Salmonier River, exclusively with native plants, as if indigenous (R. & S.) August.


369. *Solidago rugosa*, Mill. Tall Golden Rod. Holyrood. A smoothish form was collected in open woods near S. John’s (R. & S.); at Harbour Breton (Macoun); in Bay of Islands, at Little Harbour, and Lark Harbour (Fowler); and at Benton, Bonavista Bay (Trease) by myself. Fields and wet woods. August, September.


371. *S. bicolor*, L. v. concolor, T. & G. White Bay (Bullman); in Bay of Islands, at Apsey Beach, and Shoal Point (Fowler). Two other specimens are referred to this plant by Dr. Robinson, one from Goose Arm (called *S. nemoralis*, “low canescent form” by Dr. Trease), and the other from Coal River (said to be *S. humilis*, by Prof. Fowler). Sea cliffs and woods. August.

372. *S. Canadensis*, L. Canadian or Common Golden Rod. (Reeks). Trinity Bay (Cormack); S. John’s (Miss Southcott);
Bay S. George (Mr. Howley-Macoun); Harbor Breton, Fortune Bay (A. C. W.), also by myself at Goose Arm; Bay of Islands (Fowler). Lab: L'anse au Clair (A. C. W.—Fowler). Woods August, September.

373. S. cæsia, L.? \{ I don't see the authority for these. Var. flexicaulis, Hook.

374. S. humilis, Pursh. (Herb. Banks, Cat. II., 213); collected by myself at Long Cove, Trinity Bay, and at Harbour Breton; in Fortune Bay (Macoun); at Gander and Exploit's Rivers, Notre Dame Bay (Drummond, E. E.—Macoun). Lab: (McGill Coll. Herb., Cat. II., 213—Ungava, just outside our Northern limit).

375. S. juncea, Ait.? S. John's (Miss Southcott) [?].

376. S. latifolia, L. Trinity Bay (Cormack); at Lark Harbour (Fowler). Woods. September.

377. S. multiradiata, Ait. Harbour Breton (A. C. W.). Lab: collected by myself at Mullin's Cove, Hamilton Inlet, and Independent Sandwich Bay (Macoun), and Forteau, in the Straits (Fowler). July, August.


381. S. puberula, Nutt. White Bay (Bullman). August.


384. S. macrophylla, Pursh. S. John's (Miss Southcott and R. & S.); by myself at New Harbour, Trinity Bay, Harbour
Breton in Fortune Bay (Macoun); Lark Harbour (Coville), and Goose Arm (Robinson); Bay of Islands and at Benton, Bonavista Bay (Coville). Lab: (McGill Coll. Herb., Cat. II., 212); Ford’s Harbour (Bell, Cat. III., 543); by myself at Forteau and L’anse au Clair (Fowler) in the Straits, and north of this at Battle Harbour, Deep Water Creek, and Venison Tickle (Macoun). Woods. August—October.

385. S. uliginosa, Nutt. Swamp Golden Rod. “Newfoundland, to, and beyond the Rocky Mountains in the wooded country” (Cat. II., 214); S. John’s (Miss Southcott); by myself at New Harbour and Bay Bull’s Arm; Trinity Bay (A. C. W.); in Bay of Islands at Shoal Point (Fowler); and near Riverhead (Robinson); and at Benton, Bonavista Bay (F.); Exploit’s River, etc., (R. & S.). Wet places and woods. August.

386. S. Virgaurea, L. var. alpina, Bigel. Nipper’s Harbour and Belt Cove, Notre Dame Bay (Bull—Macoun). Lab: Ford’s Harbour and Nachvak (Bell, Cat. III., 543); Hopedale (Weiz-Packard).

387. S. sempervirens, L. Harbour Breton (A. C. W.)


Var. alpina, Koch. Lab: not uncommon along the Labrador coast. Flowers usually very large (W. A. Stearns). Labrador to B. Columbia (Gray, Cat. II., 289). Rocky soil at Nachvak and Nain (Bell, III., 558); Hopedale (Weiz); and Caribou Islands (Butler-Packard).

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The *Flora Miquelonensis* notes,—“Erigeron Canadensis, L., Solidago Canadensis, L., Aster tripolium, L., Artemisia borealis, L., Carduus nutans, L., Cineraria carnosa, de la Pel., Hypocharis radicata, mentioned by Gunthier, have not been found” (by us).

LIII.—LOBELIACEÆ. Lobelia Family.

391. *Lobelia Dortmanni*, L. Water Lobelia. West of Random, Trinity Bay (Cormack), and in the same Bay, Green’s Harbour and New Harbour (A. C. W.); Placentia (Lady Blake); Quidi Vidi Lake (R. & S.). Shallows, ponds and brooks. *Flora Miq.*, very common.

392. *L. Kalmii*, L. Kalm’s Lobelia. In Bay of Islands, at Goose Arm and Middle Arm, in Bay S. George, at Seal Rock. Sandy Point (A. C. W.—Fowler). Wet quarry places and bogs, August.

LIV.—CAMPANULACEÆ. Campanula Family.

393. *Campanula uniflora*, L. Lab : Arctic regions from Labrador to Aleutian Islands (Gray, Cat. II., 287); Nachvak and Cape Chidley (Bell, Cat. III., 559); Hopedale (Weiz-Packard).

394. *Campanula rotundifolia*, L. Rock Bellflower, Harebell. Petty Harbour (Bell, Cat. II., 559); reported from S. John’s, Bay S. George, found by myself in Trinity and Fortune Bays, White Bay and Bay of Islands. *Lab*: common (Butler and Stearns, Cat. II., 288); Battle Harbour and several places in the Straits (A. C. W.). *Flora Miq.*, abounds in the fields and in the damp portions of the island. Cliffs and rocky and sandy places. July, August.

Var. arctica, Lange. This is the one few-flowered forms and ranges from Canada and Labrador to the arctic regions” (Gray, Cat. III., 560); Nachvak and Cape Chidley (Bell, Cat. III., 560); Hopedale (Weiz), and L’anse Amour and Caribou Islands (Butler and Martin—Packard).

*C. Scheuchzeri*, Vill. Newfoundland, Labrador and Alaska (Gray, Cat. II., 287); New Harbour (A. C. W.).
Var. heterojoza, Gray. Near the coast on western side of Newfoundland (Pylais, Cat. II., 288).

These Professor Macoun (Cat. III., 560) refers to C. rotundifolia, L.

**LV.—VACCINIACEAE. Huckleberry Family.**

395. Chiogenes hispidula, T. & G. Creeping Snowberry. (Maidenhaier, Capillaire) seems to be common and widespread in most woody parts of the country and on the Labrador (A. C. W.), so Drummond in Cat. II., 351. "Damp mossy woods, creeping over logs." Flora Miq., very common. May—July.

396. Gaylussacia dumosa, T. & G. Dwarf or Pale Huckleberry (Gray, Cat. II., 289); Whitbourne (R. & S.); Little Bay, Fortune Bay. Edge of woods. August.

397. G. resina, T. & G. Black Huckleberry. (Black Hurts). (Reeks); (Cat. II., 289; rocky or sandy woodland, or swamps); by myself at New Harbour (Trinity Bay), Long Harbour (Fortune Bay), and at Little, Harbour near Bay of Islands (Macoun and Fowler). Wet places. July.


399. O. macrocarpus, Pursh. Large American Cranberry, (Cranberry, Bearberry and Bankberry). Bogs, and especially on the margins of ponds and small lakelets in the soft mud. Newfoundland, Anticosti, Nova Scotia, etc., to Thunder Bay Macoun, Cat. II., 293); West of Random (Cormack), and New Harbour (A. C. W.) in the same neighbourhood; Cod Roy River (Bell), and Bay of Islands. Much less frequent than the last; said to be common about Lamaline and Lawn in Burin district, there called Bankberry. Lab.: by lakelets along the coast (Abbé (Brunot: Packard). Flora Miq., says of this and the last "barrens, hills, dry or damp places, almost everywhere, very common." June—August.
400. *Vaccinium Pennsylvanicum, Lam. Common Low or Early Fruiting Blueberry or Whortleberry. (Low Bush Hurts). Very abundant on burnt tracts (R. & S.); seems to be about our most common whortleberry. I have it from White Bay, Notre Dame Bay, Bay S. George, Trinity Bay and Bay of Islands, *Flora Miq.*, very common; open woods and barrens. June to August.

*Var. angustifolium, Gray. Ground Hurt. On the Labrador, Tobacco Hurt. Rocky hills, Placentia, infrequent; Salmonier (R. & S.); Trinity Bay and Bay of Islands (A. C. W.).* 

*Lab.: (Gray, Cat. II., 290); hillsides and Caribou Island (Butler); Nain (Lundbery—Packard); Snack Cove, Sandwich Bay (A.C.W.)* 

*Flora Miq.: very common. June—August.*

401. *V. cespitosum, Mx. Dwarf or Tufty Bilberry or Blueberry. (Sugar Hurt—Labrador), (Reeks); Lab.: Hopedale (Weiz), and Belles Amours, and on Caribou Islands (Butler—Packard); (at Snack Cove, near Sandwich Bay, and Cape Charles (A. C. W.). Hillsides. July.*

402. *V. Canadense, Kalm. Canadian Blueberry. (Reeks); Bay S. George, White Bay and Bonne Bay (Bullman); Harbour Breton, Fortune Bay (A. C. W.). July.*

403. *V. corymbosum, L. Swamp Blueberry. (Reeks); swamps and low woods from Newfoundland to Western Ontario (Gray: Cat. II., 290); S. Paul's Bay, N. W. coast (Bullman). Wet places. July.*

404. *V. Vitis-Idæa, L. Cowberry, Red Whortleberry (Partridge Berry, †Redberry). Very abundant from the Atlantic to the Pacific, except Southern Ontario and the prairie regions (Hook, Cat. II., 292). Appears to be abundant and widely distributed throughout Newfoundland and the Labrador.*

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*The Vaccinium family (excepting V. Vitis-Idæa, L.) is generally called by our people on the east coast, "hurts," on the west coast, "blue berries."

†A dear old friend of mine, writing from the neighbourhood of Sandwich Bay, Labrador, told me, a few years ago, that she and the three girls had that fall gathered and sold 40 gallons of "bakenapples" (Rubrus Chamamorus), and 28 gallons of "redberries."
Flora Miq., abounds in the peaty plains and also in the dry parts of the island. June—July.

405. V. uliginosum, L. Mountain or Bog Blueberry (Ground Hurt), (Cat. II., 291). In mountain bogs and exposed shores below. From Newfoundland, Labrador, etc., thence westward to the Pacific, and northward to the Arctic Sea. Flat Bay (Bell); several places in Trinity Bay and Bay of Islands (A. C. W.); S. John’s and Holyrood (R. & S.). Lab: at Blanc Sablon (Strait), Deep Water Creek, Seal Islands, and Hamilton Inlet (A. C. W.). Common on the coast at Nain, Ford’s Harbour and Nachvak (Bell-Packard). Flora Miq., very common. June—July.


LVI.—ERICACEÆ. Heath Family.

407. Arctostaphylos Uva-Ursi, Spreng. Red Bearberry (Indian Hurt and Hardberry, in Hermitage Bay). (Richardson) rocky or sandy soil from Newfoundland to the Pacific, and north to Fort Franklin, Lat. 64° (Richardson, Cat. II., 295); Trinity Bay (Cormack and A. C. W.); Harbour Breton (Fortune Bay) and Bay de Verde, East coast, and Chimney Cove, Bay of Islands (A. C. W.). Also, Sampson’s Island, Notre Dame Bay, Flat Bay Brook (Bell). Sea cliffs and rocky banks. June.

408. A. alpina, Spreng. Alpine or Black Bearberry. Trinity Bay (Cormack); by myself at Brunet and Harbour Breton (Fortune Bay), Bay de Verde, and Swan Island, Notre Dame Bay, Great Cod Roy River (Bell). Lab: (McGill Coll. Herb., Cat. II., 294); Ford’s Harbour and Cape Chidley (Bell: Cat. III., 561); Hopedale (Weiz-Packard); by myself at Battle Harbour and L’anse au Loup. Flora Miq., common. Hill tops. June.

*An intelligent resident of this place informed me that the fruit made good wine; which would imply that it was fairly plentiful, but I have only met with it once, and then in very small quantity.
409. *Andromeda Polifolia*, L. Marsh *Andromeda*, Wild Rosemary. (Reeks); common about Fortune and Trinity Bays, Chimney Cove and Little Harbour, Bay of Islands (A. C. W.); S. John’s (Miss Southcott); Exploits River, and near Whitbourne (R. & S.); near Flat Bay, Bay S. George (Bell); *Lab.:* Hopedale (Weiz), Caribou Island (Butler—Packard), Indian Harbour, near Battle Harbour, Square Islands, and other places (A. C. W.). *Flora Miq.*, very common. Bogs. June—August.

410. *Bryanthus taxifolius*, Gray. Mountains at Great Cod Roy River (Bell). *Lab.:* (Morrison, Cat. II., 299); Nain, Nachvak, and Ford’s Harbour (Bell, Cat. III., 562); Hopedale (Weiz-Packard); Battle Harbour and Seal Islands, and L’anse au Clair (A. C. W.). June—August.


412. *Cassandre calyculata*, Don. Leatherleaf. (Cat. II., 296). Common in Trinity and Fortune Bays and Bay of Islands (A. C. W.); near Flat Bay (Bell); Exploits River and Salmonier (R. & S.). *Lab.:* (Cat. II., 296); Battle Harbour (A. C. W.); borders of lakelets and swamps along the coast (Hooker); Square Islands (B. P. Mann—Packard). *Flora Miq.*, very common. April—July.

413. *Calluna vulgaris*, Salisb. Heath or Heather. Near Caplin Bay, Ferryland, Renews; S. Mary’s Bay and Trepassey Bay (Cormack and Lawson, Cat. II., 298) (Reeks).

414. *Cassiope hypnoides*, Don. Moss-like Cassiope, Moss-plant. *Lab.:* (Morrison, Cat. II., 296); Nain and Cape Chidley (Bell, Cat. III., 562); Hopedale (Weiz-Packard).

415. *C. tetragona*, Don. A specimen in the museum in S. John’s, named *Menziesia Polifolia*, Professor Macoun thinks may be this. *Lab.:* (Kolmeister and Douglas, Cat. II., 297). Abundant along coast at Nain (Bell, Cat. III., 562); Hopedale (Weiz-Packard).

416. *Epiqea repens*, L. Trailing Arbutus, May Flower. (Reeks). Near Flat Bay Brook (Bell); Bonne Bay, common (Bullman); also at the Bay of Islands; Little River (Burgess);

417. Gaultheria procumbens, L. Boxberry, Tea-berry, or Partridge Berry (Mountaineer Tea). (Cat. II., 295); near Harbour Breton (A. C. W.); S. Paul's Bay, West coast (Bullman); (Reeks). Flora Miq., common. June—September.

418. Kalmia glauca, Ait. Pale or Swamp Laurel (Gold or Gouldwithy) (Reeks). Common in peat bogs throughout the country apparently (A. C. W.). Lab: hillsides and swamps, Caribou (Butler-Packard); Battle Harbour, and a few other places; not so common where I have been on the Labrador as the next (A. C. W.). Flora Miq., abundant; "one of the first to flower; it is also found in flower in some places even in August and September,


420. K. latifolium, L. Mountain Laurel, Calico Bush. Lab: reported as being found in ravines and near ponds in the interior up Salmon River, and on Esquimaux Island (Stearns, Cat. II., 300).

421. Loiseleuria procumbens, Desv. Alpine or Trailing Azalea (May Flower and White Flower in Hermitage Bay). (Morrison, Cat. II., 298); Flat Bay Brook (Bell); Pustelbrough, Hermitage Bay (Revd. H. G. Bishop); Chimney Cove, B. of L. (A. C. W.). Lab: (Morrison); hillsides, Caribou (Butler, Cat. II., 298); Battle Harbour and Seal Islands (A. C. W.); Hope-dale (Weiz) and Ford's Harbour (Bell—Packard). Flora Miq., dry places; not common. Hills. June—September.

422. Ledum palustre, L. (Crystal Tea, Labrador) (Reeks). Newfoundland and Labrador, and through the Arctic region to

*Called everywhere, like K. glauca, "Gouldwithy." This appears in Trinity Bay to be taken as the earlier-flowering K. glauca, in its second bloom.
Alaska and Aleutian Islands (Gray, Cat. II., 301); (Cormack). Lab: Seal Islands, Pack’s Harbour and Snack Cove (A. C. W.); Hopedale (Weiz), and Nachvak, Ford’s Harbour and Cape Chidley (Bell—Packard) (Cat. III., 563). *Flora Miq.* says of this and the next—very common. Bogs. July.


424. *Monesis uniflora*, Gray. *One-flowered Pyrola* or *Wintergreen* (SWEET FLOWER, in White Bay). Very common in shady or mossy woods, from Labrador, Newfoundland, etc., westward to the Pacific and northward to Lat. 64° (Hooker, Cat. II., 306); Whitbourne, rare (R. & S.); fairly common in Trinity and Fortune Bays and Bay of Islands (A. C. W.—Macoun and Fowler); Great Cod Roy River (Bell); S. John’s (Miss Southcott) and Ferryland. Lab: in damp and shady places (Butler); Turner’s Head (Hamilton Inlet); Venison Tickle, S. Michael’s, and further south at L’anse au Clair (A. C. W.); Hopedale (Weiz-Packard). *Flora Miq.*, found in groups of 12 or 15 individuals in damp peaty places, but always rare. July—August.

425. *Pyrola secunda*, L. *One-sided or Serrate Pyrola, or Wintergreen*. Rich woods throughout Canada, from Newfoundland, etc., to the Pacific, and far northward on the Mackenzie (Hooker, Cat. II., 304); S. John’s (Lady Blake and R. & S.); (Reeks); White Bay, Harbour Breton and New Harbour (A.C.W.). Lab: in the Straits of Belle Isle, at Forteau, L’anse au Mort, and Capstan Island (Eaton and Fowler). *Flora Miq.*, common. August—September.

Var. minor, Gray. Chimney Cove, Bay of Islands (A.C.W.). Lab: peaty bogs and mossy swamps, from Labrador to Alaska (Gray, Cat. II., 304); Hopedale (Weiz-Packard); Forteau and L’anse au Mort (A. C. W.—Fowler). Woods. August.

426. *P. minor*, L. *Smaller Pyrola*. Near Cairn Mountain, Flat Bay (Bell); (Reeks); New Harbour, in Trinity Bay (A.C.W.).
Lab: cold woods (Morrison, Cat. II., 303); Battle Harbour and neighbourhood, and in the Strait, Forteau and Blanc Sablon (A. C. W.—Fowler); Hopedale (Weiz-Packard). July, August.

427. *P. chlorantha*, Swartz. *Green-flowered or Small Pyrola*. Rather dry or sandy woods, generally under conifers, from Newfoundland, Labrador, etc., westward to the Rocky Mountains, and northward to Bear Lake (Richardson and Gray, Cat. II., 304); (Reeks); Lark Harbour and Coal River, Bay of Islands (A. C. W.—Fowler); Exploits and Gander River (Drummond, C. E.—Macoun); S. John’s (R. & S.). *Lab*: (Morrison—Packard). July—August.

428. *P. rotundifolia*, L. *Round-leaved Wintergreen*. Sandy or dry woods, in swamps, and on mountain tops, from the Atlantic to the Pacific, and northward to the Arctic regions (Hooker, Cat. II., 305); Harbour Grace (Miss Trapnell—A. H. MacKay); near Cairn Mountain, Flat Bay (Bell); S. John’s (Lady Blake); Sphagnum Swamp, Manuel’s (R. & S.). *Lab*: in swamps, Amour (Butler). August.

*Var. pumila*, Hook. *Lab*: from Labrador to the Mackenzie River (Gray, Cat. II., 305). Quite common along the Labrador coast (Butler, Cat. II., 503); Battle Harbour (A. C. W.); Hopedale (Weiz-Packard). September.


429. *Rhododendron Rhodora*, Don. *Pink Rhodora. False Honeysuckle (Bull’s Eye, Bull’s Tongue)*. Cool bogs and open peaty places, from Newfoundland, Labrador, etc., westward to the vicinity of Montreal (Maclagan, Cat. II., 302); Flat Bay, and on Cairn Mountain, white specimen (Bell); S. John’s and Exploit’s River, abundant (R. & S.); appears to be common and widely diffused (A. C. W.). *Lab*: hillsides, Caribou Islands (Butler-Packard). *Flora Miq.*, common. June—July.

430. *R. Lapponicum*, Wahl. *Lab*: (Morrison, Cat. II., 302); Nachvak (Bell); Hopedale (Weiz); on a hill top Belles Amours (Butler—Packard).
LVII.—MONOTROPACEÆ. Pipewort Family.

431. Monotropa uniflora, L. Indian Pipe. Corpseplant (Ghostplant or Ghostflower). New Harbour and B. of I., Fortune Bay (A. C. W.); near Cairn Mountain, Flat Bay (Bell); (Reeks); S. John's (Miss Southcott and R. & S. Messrs. Robinson and Schrenk remark,—"in woods near the Exploits River a small form was found, which, although agreeing as to anther and stigma with M. uniflora, had flowers in size just intermediate between this and M. Hypopitys. In drying, also, these plants have assumed an intermediate color between the black of the former species and the tawny color of the latter." Bear's Harbour, Parson's Pond, Bonne Bay (Bullman). Woods. August.

452. Hypopitys lanuginosa, Nutt. Yellow or Pine Birds-nest or Pinesop (Reeks); in woods near Exploits River (R. & S.); Great Cod Roy River (Bell); White Bay (Bullman). Woods. July, August.

LVIII.—DIAPENSIACEÆ. Diapensia Family.

433. Diapensia Lapponica, L. Northern Diapensia (Moss Lily, Ground Ivory Flower). Western Head, Harbour Breton and Conne in Fortune Bay, and near Rantem, Trinity Bay (A. C. W.). Lab: (Morrison), common on hill tops at Caribou (Butler, Cat. II., 308); Nain, Ford's Harbour and Cape Chidley (Bell, Cat. III., 564); Hopedale (Weiz—Packard). Flora Miq., very common. Hills. June, July.

LIX.—PLUMBAGINACEÆ. Leadwort Family.

434. Armeria vulgaris, Willd. Common Thrift, Sea Pink. (Reeks); Coal River (A. C. W.—Fowler). Lab: Labrador, Newfoundland, and N. W. America, and in the barren country of the interior (Hooker, Cat. II., 309); Nain, Nachvak, and Cape Chidley (Bell); Hopedale (Weiz) (Cat. III., 564, and Packard). Hills and sandy plains. July.

435. Statice Limonium, L. Var. Carolinianum, Gray. Sea Lavender, Marsh-Rosemary. (Miss Brenton, Cat. II., 308); (Reeks); Lab: (Gray, Cat. II., 308).
LX.—Primulaceæ. Primrose Family.


437. A. tenella, L. Flora Miq., fields; common.

438. Glaux maritima, L. Sea Milkwort, Black Saltweed. Salt marshes along the coast of the Atlantic, from Newfoundland and Labrador to the Coast of Maine (Cat. II., 315).

439. Lysimachia stricta, Ait Wood Loosestrife. Newfoundland to the Saskatchewan (Gray, Cat. II., 314); moist ground, Whitbourne (R. & S.); Trinity Bay (Cormack), and by myself in the same Bay at Spreadeagle; Ferryland (Revd. R. Temple—Fowler); near Brigus (Miss Trapnell—MacKay). Wet places. August. Flora Miq.


441. Primula Mistassinica, Mx. (Reeks; common); Middle Arm, Grand Lake, and several other places in and about Bay of Islands (A. C. W.—Fowler); Flat Bay (Bell); Batteau barrens, N. W. coast (Bullman). Lab: Bonne Esperance and neighbouring islands at Forteau (Butler, Cat. II., 309); Hopedale (Weiz-Packard); Battle Harbour (A. C. W.). Rocky and most exposed places. June—August.

442. P. larinosa, L. Bird's Eye Primrose (Salmon Flower). (Reeks; common); crevices of rocks, Port à Port (Bell); Englee, White Bay, Middle Arm, and Chimney Cove, and Coal River (A. C. W.—Fowler); Flower's Cove, in the Straits (Spence). Lab: crevices of rocks and exposed points along the sea, lakes or rivers (Butler); Hopedale (Weiz); Caribou Island and L'anse Amour (Butler—Packard); Sandwich Bay, Battle Harbour, Long Point (Hamilton Inlet), and L'anse au Clair (A. C. W.—Macoun and Fowler). July.

443. P. Egaliksensis, Hornem. Lab: Northern (Cat. III., 564).


LXI.—**OLEACEÆ. Olive Family.**

446. *Fraxinus Americana*, L. White Ash (Reeks); a very rare tree; only in the country surrounding S. George’s and Port a Port Bays (Prof. Howley in Geological Survey Report, p. 44).

447. *F. pubescens*, Lam. Red or River Ash (Reeks; common); (Howley).

448. *F. sambucifolia*, Lam. Black or Swamp Ash. Humber River, quite abundant, and Deer Lake, in and about Bay of Islands (Bell).

LXII.—**APOCYNACEÆ. Dog Bane Family.**


LXIV.—**GENTIANACEÆ. Gentian Family.**


452. *Bartonia*, sp.* (Centaurella Moseri, Steud. & Hochst.). A plant which appears to represent, at least in part, this rare and poorly understood species, was discovered in a small bog near Holyrood (Robinson and Schrenk; for their further remarks on this plant see their “notes”). August.


455. *G. propinqua*, Richards. *Lab*: (Gray, Cat. II., 322). On hillsides at Amour and lowlands at Bonne Esperance (Stearns—Packard). Prof. Macoun notes, however, that this is more likely to be the next.

456. *G. Amarella*, L. var. *acuta*, Hook. *Autumnal or Small-flowered Gentian*. (Reeks; common in short grass); Chimney Cove, Bay of Islands (A. C. W.—Robinson). *Lab*: (Gray, Cat. II., 322); Hopedale (Weiz), and Caribou Island (Butler—Packard); by myself in the Strait; L'anse au Clair and Forteau (Fowler). August.

457. *G. serrata*, Gunner. *Shorn or Smaller-fringed Gentian*. Wet grounds, by streams and on rocks (Gray, Cat. II., 321); Englee (Revd. R. Temple—Fowler).


459. *G. nivalis*, L. *Small Alpine Gentian*. *Lab*: collected by the Moravian Brethren (Gray), and Hopedale (Weiz—Packard).

460. *Halenia deflexa*, Griseb. *Spurred Gentian*. *Felwort*. (Reeks); Conche (N. E. coast), New Harbour and Bay of Islands or Chimney Cove (A. C. W.—Macoun and Fowler). *Lab*: Forteau Bay (Miss Brodie); on hillsides at L'anse Amour, and lowlands at Bonne Espérance (Stearns); Caribou Islands (Butler—Packard); Bluff Head (Hamilton Inlet), Capstan Islands and Forteau in the Strait (A. C. W.—Fowler). Hills. August.


461. *Menyanthes trifoliata*, L. *Buck or Bog Bean*. Quite common in bogs, swamps and slow-flowing streams, from Labrador, Newfoundland, etc., to the Pacific, and northward to Sitka (Cat. II., 327) (Reeks); West of Random (Cormack), and at New Harbour in the same neighbourhood (A. C. W.); also at Hermitage Bay, Fortune Bay, Bonne Bay and Bay of Islands (A.C.W.) *Lab*: Hopedale (Weiz), and Caribou Island (Butler—Packard); Holton (A. C. W.). *Flora Miq.*, common. June.
462. Pleurogyne rotata, Griseb. (Cat. II., 325); Englee (A. C. W.). Lab: on the flat at Caribou and low lands at Bonne Espérance (Stearns—Packard); Battle Harbour, and at Sand-\nwich Bay, and Hamilton Inlet. August.

Var? Harbour Breton (A. C. W.—Macoun).


LXVII.—BORAGINACEÆ. Borage Family.

464. Cynoglossum officinale, L. Common Hound's Tongue\n(Reeks; rare).


466. E. Virginicum, Lehm. (Reeks; rare).

467. Mertensia maritima, Don. Sea Lungwort. (Ice\nPlant, Labrador). (Reeks). Appears to be fairly common\nalong most parts of the coast. I have found it in all, or nearly\nall, the open sea beaches where I have been. Lab: Hopedale\n(Weiz), and Caribou Island (Butler); several places in the Strait,\nat Indian Harbour and S. Michael's. Flora Miq., very common.\nJuly, August.

468. Myosotis laxa, Lehm. Harbour Grace (Cat. II., 340);\r
New Harbour, Harbour Breton, Exploits, and several places in\rthe Bay of Islands (A. C. W.—Macoun and Fowler); Manuel’s\r(R. & S.). Gardens and waste places. July, August.


470. M. palustris, With. Marsh or Great Forget-me-not\rHarbour Grace (Miss Trapnell—A. H. MacKay).

LXVIII.—Convolvulaceae. Bindweed Family.

472. Convolvulus sepium, L. Hedge or Great Bindweed. West Bay, Cape S. George (Bell), and Steventville, Bay S. George (A. White—A. H. MacKay); Sp redeagle in Trinity Bay, and Topsail, Conception Bay (A. C. W.) July, August.

LXIX.—Solanaceae. Potatoe Family.


LXX.—Scrophulariaceae. Figwort Family.

474. Barisia alpina, L. Lab: (Coln aster); Nachvak (Bell, Cat. II., 367; III., 572).

475. Chelone glabra, L. Snake or Turtle Head. West of Random, Trinity Bay (Cormack), and New Harbour in the same Bay; Frenchman's Cove, Bay of Islands (A. C. W.); Whitbourne and Exploits River (R. & S.); S. John's (Miss Trapnell—MacKay); The Goulds, near S. John's (Miss Southcott); (Cat. II., 354). Wet places. August. Flora Miq.


Var. septentrionalis, Gray. In Bay of Islands at Chinney Cove (Fowler), and Grand Lake (Robinson) by myself; in island at north side of Deer Lake (Bell); wet places and hills. July—August. Lab: Hopedale (Weiz); Ford's Harbour and Nachvak (Bell—Packard).

477. C. acuminata, (Pursh) Spreng. Shoal Point (A. C. W.—Coville). In grassy places. July. Dr. Robinson thinks that this is the last-named plant.

478. Euphrasia officinalis, L. Common Eyebright. Appears to be common in grassy places in many districts (Cat. III., 367). Lab: (Cat. II., 367); Hopedale (Weiz-Packard); L'anse au Clair,


479. *E. purpurea* (*E. gracilis, Fries*), "new species." Sea coast at Cow Head. Much smaller in all parts; dark purple flower. (Reeks).


481. *L. striata*, D. C. S. John's, on Rennie's River, but near waste heaps; doubtless a waif (R. & S.).

482. *Pedicularis palustris*, L. *Marsh Lousewort*. Moist meadows, S. John's (R. & S.). "The typical form of this does not appear to have been heretofore recorded in America. It differs from the var. *Wlassoviana*, Bunge, conspicuously in the form of the Corolla, and has also been collected in Labrador by Mr. J. A. Allen."


Var ? S. John's (A. C. W.—Mr. Howley and Macoun).

483. *P. flammula*, L. Ford's Harbour and Cape Chidley and Nachvak (Bell); Hopedale (Weiz, Cat. III., 573, and Packard).

484. *P. hirsuta*, L. *Lab.* Ford's Harbour and Cape Chidley (Bell, Cat. III., 376).

485. *P. Lapponica*, L. *Lab.* (Kolmeister, Cat. II., 368); Nachvak (Bell) and Hopedale (Weiz—Packard).

486. *P. pedicellata*, Bunge. *Lab.* (Gray, Cat. II., 368).

487. *P. euphrasiodides*, Stephen. *Lab.* (Kolmeister, Cat. II., 368); Hopedale (Weiz), and Ford's Harbour (Bell—Packard); Sandwich Bay (Revd. T. Quinton); Holton (Revd. Wm. How—Macoun).
488. *P. Gronlandica*, Retz. *Lab*: (Morrison, Cat. II., 368); Nachvak (Bell), and Hopedale (Weiz-Packard).

489. *Rhinanthus Crista-Galli*, L. *Yellow Rattle* (*Shepherd's Coffin*). Appears to be very common throughout the country in grassy and wet places. *Lab*: abundant and very common in places on Bonne Espérance, and found all along the Labrador coast (Stearns, Cat. II., 371). July, August.


491. *V. Americana*, Schwein. *American Brooklime*. Great Cod Roy River (Bell); in Bay of Islands at Riverhead (Fowler); Chimney Cove (Robinson); Melver's Cove (Trelease), collected by myself. Wet places. July, August.

492. *V. scutellata*, L. *Skull-cap Brooklime*, *Marsh Speedwell*. S. John's (Lady Blake); muddy bank, Whitbourne (R. & S.); at Dildo, Trinity Bay (Macoun), and at Deer Lake near Bay of Islands (A. C. W.—Fowler); (Reeks). Wet places. August.

493. *V. Buxbaumii*, Tenore. S. John's (Miss Southcott); Harbour Breton in Fortune Bay (A. C. W.).

494. *V. serpyllifolia*, L. *Thyme-leaved Speedwell*. (Reeks); New Harbour, etc., Trinity Bay, Topsail and Exploit (A. C. W.); S. John's (Lady Blake); Great Cod Roy River (Bell); Birchy Cove, Bay of Islands (A. C. W.—Fowler). *Lab*: L'anse au Clair (A. C. W.). Grassy and wet places. June and July.


496. *V. alpina*, L. *Lab*: (Gray, Cat. II., 361); Port Burwell, Cape Chidley (Bell, Cat. III., 571); Nain (Lundbery), and Hopedale (Weiz—Packard).


**LXVI.—HYDROPHYLLACEÆ. Waterleaf Family.**


**LXXI.—OROCHANCAEÆ. Broomrape Family.**

504. *Aphyllon uniflorum*, Gray. Naked or One-flowered Broomrape. (Reeks). (Miss Brenton, Cat. II., 372); Dildo (Rev. H. Petley—Macoun); Kilbride near S. John's (Miss Trapnell—A. H. MacKay); Coal River, B. of I. (A. C. W.—Fowler). Open woods. July.


**LXXII.—LENTIBULARIACEÆ. Bladderwort Family.**


Var. *Americana*, Gray (Reeks); West of Random (Cormack); also in Trinity Bay, at New Harbour (A. C. W.). Ditches and brooks.


509. *U. cornuta*, Mx. *Horned Bladderwort*. Sphagnous or sandy swamps from Newfoundland to Lake Superior (Gray, Cat. II., 376); (Reeks) rare; S. John's (Lady Blake); Chimney Cove and Grand Lake, and other places in Bay of Islands; New Harbour and Harbour Breton (A. C. W.); Whitbourne and Exploits River (R. & S.). *Flora Miq.*, common. July, August.

510. *Pinguicula, villosa*, L. *Lab.*: (Gray, Cat. II., 376); Hopedale (Weiz-Packard).

511. *P. alpina*, L. *Lab.*: Steinhauser; not elsewhere detailed in America (Gray, Cat. II., 376); Hopedale (Weiz-Packard).

512. *P. vulgaris*, L. *Common Butterwort*. (Miss Brenton, Cat. II., 376); Burin graveyard, and not uncommon about Bay of Islands (A. C. W.); Flat Bay Brook, Bay S. George (Bell). *Lab.*: (Cat. II., 376); L'Anse Amour Bay (Butler); Hopedale (Weiz); Nachvak (Bell—Packard); Forteau, Battle Harbour, Seal Islands, Snack Cove, Holton (A. C. W.). Wet rocks. June—August. *Flora Miq.*, common.

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**LXXVII.—LABIATE. Mint Family.**

513. *Brunella vulgaris*, L. *Seal Head*. (Reeks). Great Cod Roy River (Bell); Trinity Bay and several places about Bay of Islands and at Harbour Breton (A. C. W.), near Salmonier River; common; (R. & S.); S. John's (Miss Southcott). *Flora Miq.*, very common. July, August.


516. *Galeopsis Tetrahit*, L. *Dead Hemp Nettle*. S. John's (Miss Southcott and R. & S.); (Reeks); New Harbour and elsewhere in Trinity Bay (A. C. W.—Cormack); Chimney Cove, Birchy Cove and Middle Arm, Bay of Islands (A. C. W.—Fowler); Riverhead, White Bay (Bullman). Roadside and gardens. July, August.

517. *Galeopsis Ladanum*, L. *Hemp Nettle*. (Reeks); S. John's (Miss Southcott).

518. *G. versicolor*, L. S. John’s (Miss Southcott).

519. *Lycopus Virginicus*, L. *Bugle weed, Virginian Horehound*. West of Random and in Trinity Bay (Cormack); and New Harbour (A. C. W.); S. John's (Miss Southcott), and rocky banks, Rennie's River (R. & S.); Sandy Point, Bay S. George (A. C. W.—Fowler), and a few places in Bay of Islands. Wet places. August. *Flora Mig.*, common.


522. *L. purpureum*, L. *Red Dead Nettle*. S. John’s (Miss Southcott); New Harbour and Harbour Breton (A. C. W.).


524. *L. incisum*, Willd. S. John’s; a single specimen by roadside (R & S).


527. *M. Canadensis*, L. *Canada or Horse Mint*. New Harbour, Trinity Bay (A. C. W.), and elsewhere in the same Bay (Cormack); Flat Bay (Bell); (Reeks); Chimney Cove, and Irishtown, B. of I. (A. C. W.—Fowler). Wet places. August.

*Var. glabrata*, Benth. Spreadagle, Trinity Bay (A. C. W.).


531. *S. galericulata*, L. *Common Skullcap*. (Red Tops). Cat. II., 388). Trinity Bay (Cormack); Green Harbour and other places in the same Bay (A. C. W.); (Reeks); Manuel’s River, rocky banks (R. & S.); Salt Water Pond, White Bay (Bullman). Sea beach. July—August.

532. *Stachys palustris*, L. *Woundwort* (Cormack); Harbour Grace (Miss Trapnell—A. H. MacKay); S. John's (R. & S., wet meadows); Sandy Point, Bay S. George, gardens (A. C. W.—Fowler. Wet ground, from Newfoudland to the Pacific (Gray, Cat. II., 390. August.

N. B.—The *Flora Miquelonensis* says that Thymus vulgaris, L., Satureia hortense, L., Galeopsis Ladanum, L., Mentha piperita, L., Lamium amplexicaule, L., have been introduced and are found in gardens or in the neighbourhood.

LXXVIII.—*Plantaginaceæ. Plantain Family.*


534. *P. eriopoda*, Torr? Prof. Macoun thinks this may be Dr. Bell's *P. Virginica*.

535. *P. maritima*, L. *Seaside Plantain*. Trinity Bay (Cormack); New Harbour and other places about Trinity Bay, and at Middle Arm, and in Bay of Islands (A. C. W.); Placentia
AND ST. PIERRE ET MIQUELON—WAGHORNE.

(R. & S.). Dr. Bells says a large variety (?) was found with broad leaves and long tapering point near extremity of Flat Bay. *Lab.:* (Pursh, Cat. II., 393); Nachvak (Bell, Cat. III., 575); Hopedale (Weiz); and Caribou Islands (Butler-Packard). Sea cliffs. July, August. *Flora Miq.* very common.

536. *P. decipiens*, Barneoud. Port a Port (Bell); crevices of rocks. (P. maritima, var. juncoides, Gray). *Lab.:* (Gray, Cat. II., 393).


The *Flora Miq.* remarks that *P. major*, L., and *P. lanceolata*, L., are common around houses; probably introduced.