

ART. IV.—THE FLORA OF NEWFOUNDLAND, LABRADOR AND
ST. PIERRE ET MIQUELON.—BY THE REVD.
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(Read 10th April, 1893.)

Introduction.

The compiler of these notes makes no claim to be a botanist, but he has for some years past been collecting botanical specimens of Labrador and Newfoundland plants, which have been named for him by competent authorities, chiefly, as to flowering and higher cryptogamic plants and mosses, by Professor Macoun, of Ottawa. He has also consulted the publications of others who have written on the subject, and has collected information from all sources open to him.

The *authorities* used and referred to by him in the compilation of these notes are chiefly the following:—

1. Mr. Reeks' "*Notes on the Flora of Newfoundland*," a paper read before the Linnæan Society in 1869.

2. Dr. Bell's "Plants of the West Coast of Newfoundland," in the *Canadian Naturalist* of September, 1869, and March, 1890.

3. Mr. Cormack's "*Journey across Newfoundland*," in 1822.

4. Professor Macoun's valuable *Catalogue of Canadian Plants*, which includes those of Labrador and Newfoundland.

5. The Rev. S. R. Butler's list of Labrador plants, which, with some others collected by Miss Macfarlane, also named by Professor Eaton, of New Haven, appeared in the *Canadian Naturalist* of September, 1870, p. 350.

6. The *Flora Miquelonensis* of Messrs. E. Delamere, F. Renauld and F. Cardot furnishes me with the plants of St. Pierre and the adjacent French Islands off the southern coast of Newfoundland.

The following publications bearing on the subject I have not,

so far, been able to consult. The list is kindly given me by Dr. Britton :—

Newfoundland.

FLORE DE TERRE-NEUVE ET DES ILES SAINT PIERRE ET MIQUELON. B. de la Pylaie.

4to, pp. 128 (fasc. 1, 2). Paris, 1829.

THE PLANTS OF THE WEST COAST OF NEWFOUNDLAND. By John Bell. Can. Nat. (II), v. 54-61. 1870.

LIST OF PLANTS COLLECTED IN NEWFOUNDLAND IN 1889, BY DR. ROBERT BELL. By John Macoun.

Ann. Rep. Geol. Surv. Canada, i, 21 DD-25 DD. 1885.

FLORULE DES ILES SAINT PIERRE ET MIQUELON. Par E. Bornet. Journ. de la Bot., i, 180-186 ; 219-221 ; 234-239 ; 249-253 ; 260-266. 1888.

A LIST OF THE FLOWERING PLANTS AND FERNS OF NEWFOUNDLAND, with meteorological observations. By Henry Reeks. Pamph., 8vo. pp. 30. (List of Plants, pp. 2-7.) Newbury, 1873.

Labrador.

DE PLANTIS LABRADORACIS. Auct. E. Meyer. Sm. 8vo. pp 218. Lipsiæ, 1830.

LIST OF PLANTS COLLECTED ON THE ISLAND OF ANTICOSTI AND COAST OF LABRADOR IN 1860, BY JAMES RICHARDSON. By B. Billings, jr.

Ann. Bot. Soc. Can., i, 53, 59. 1861.

NOTES SUR LES PLANTES RECUILLIES EN 1858, PAR M. L'ABBE FERLAND, SUR LES COTES DE LABRADOR BAIGNEES PAR LES EAUX DU SAINT LAURENT, par Ovide Brunet.

Pamph., 8vo. pp. 3. No date.

NOTES ON THE NATURAL HISTORY OF LABRADOR. By W. A. Stearns. Proc. U. S. Nat. Museum, vi, 126-137. 1883.

LIST OF PLANTS COLLECTED BY DR. ROBERT BELL IN 1884 ON THE COASTS OF LABRADOR AND HUDSON STRAIT AND BAY. By John Macoun. Rept. Geol. Surv. Canada, 1882, 1883, 1884, 38 DD-47 DD. 1885.

The *arrangement and nomenclature* are almost without excep-

tion those of Professor Macoun's, the only exception, perhaps, being in the case of plants named by specialists since his volume came out.

My *Labrador limits* are those which mark the jurisdiction of Newfoundland, the northern extremity being Cape Chudleigh, and the southern, Blanc Sablon, in the western part of the Straits of Belle Isle. But no doubt several plants, found south of my range, have been included in those cases where no definite locality has been adduced.

It will be seen that in my notes the Newfoundland plants come first, then those from Labrador, lastly, the plants of the *Flora Miquelonensis*.

As I am unable to supply adequate and reliable notes as to dates of flowering and habitat, I have judged it wise to append notes on these subjects from the various authorities quoted.

As to *localities* and *the distribution of* the plants of this flora, it may be stated that, at least as far as definite places mentioned are concerned, with the exception of the plants I collected in September, 1891, in White Bay and adjacent places on the north-east coast, very nearly all the plants are from *southern* Newfoundland. My own parish of New Harbor, in Trinity Bay (where most of my Newfoundland plants were found), is on the south-east coast. Then the St. John's neighborhood—as was to be expected—has received some attention as to its flora. Traveling west on the southern coast we come to Placentia Bay, where I have collected a little. About midway on this coast lies Fortune Bay, where I was located for nearly a year in 1888. Just off Fortune Bay are the French possessions of St. Pierre et Miquelon. As far as my information goes, the western part of the southern coast has not been explored. Turning the S. W. extremity of Newfoundland, Cape Ray, we come upon the field of the researches of Messrs. Bell and Reeks, for the last-named gentleman, I believe, chiefly explored about Cod Roy. So that the districts which have been the most closely examined are the middle of the southern coast, and the southern extremities of the western and eastern coasts.

As to the *Labrador* plants, the field of our own collections was

all but entirely that of Southern Labrador, i. e., about Battle Harbour and as far north as Holton, the more northern parts examined being mostly in and about Sandwich and Gronwater Bays. The plants of the Rev. S. R. Butler come from a still more southern point, in fact, just within our southern limit. On the other hand, I believe, most of Dr. Bell's Labrador plants are from the extreme northern limit, Cape Chudleigh.

Some *common local names* are placed in brackets after the usual English or American names.

My own collections are marked by the letters "A. C. W." and, unless it is otherwise stated, my specimens have been named by Professor Macoun. I have in all other cases, as far as possible, added after collector's name that of the authority who named the plant, that is, as far as the plants that have gone through my hands, are concerned.

*The Flora of Newfoundland, Labrador and St. Pierre
et Miquelon.*

Part I.—Polypetalæ.

I.—RANUNCULACEÆ. *Crowfoot or Buttercup Family.*

1. *Anemone parviflora*, Michx. Small Flowered Anemone. (Cat. I, 12); *Lab. Cat.* 14, 478. Cape Chudleigh; hillsides. Forteau (Butler.)

2. *Aconitum Napellus*, L. var. *delphinifolium*, Seringe-Mountain Monkshood. (Reeks.)

3. *Actæa spicata*, Linn., var. *rubra*. Red Cohosh. (Reeks); Flat Bay Brook (Bell); specimen from Bay Despair (Hermitage Bay), named doubtfully by Prof. Macoun. In July.

Caltha palustris, Linn. Marsh Marigold, Spring Cowslip. (Reeks). Flat Bay and Great Cod Roy River (Bell); Strait of Belle Isle (Cat. I, 23); Flower's Cove (Spence. Macoun). In August.

5. *Coptis trifolia*, Salisb. Three-leaved Gold-thread (*Golden Root, Snakeroot, Yellow Mores and Snakeroot*). Appears to be common, May and July. *Lab. Cat.* I, 24; about Forteau, in

swamps (Butler); Battle Harbour and other places (A. C. W.), July. *Flora Mig*; near ponds; in July.

6. *Ranunculus acris*, Linn: Meadow Buttercup.* (Cat. I, 20; Reeks). St. John's (Miss Southcott). New Harbour and Fortune Bay (A. C. W.); Harbour Grace (Miss Trapnell). *Flora Mig*.; spreading from cultivated fields; July.

7. *R. abortivus*, Linn. Small-flowered Buttercup. (Cat. I, 18), River bank, Great Cod Roy River (Bell); New Harbour and Fortune Bay (A. C. W.)

8. *R. hederaceus*, Linn. Ivy-leaved or Floating White Buttercup.

9. *Ranunculus affinis*, R. Br., var. *leiocarpus*, Troutv. Rough fruited Crowfoot. *Lab.*: Cape Chudleigh (Cat. III, 480).

10. *R. bulbosus*, Linn. Bulbous-rooted Crowfoot. Dr. Lawson's Flora of Nova Scotia, in "Proc. & Trans. Inst. Sci."

11. *R. Cymbalaria*, Pursh. Seaside Crowfoot. Flat Bay (Bell); New Harbor and Harbor Breton, Fortune Bay (A. C. W.), seaside; last August. *Flora Mig*.; sandy and damp shores of East Pond; July.

Var. alpina, Hook. *Lab.* Venison Tickle (A. C. W.); July.

12. *R. Flammula*, Linn.

13. *R. hispidus*, (Macoun's Cat., I, 21).

14. *R. hyperboreus*, Rottb. Northern Crowfoot. *Lab.* Cape Chudleigh (Cat. III, 480); doubtful specimen from Pack's Harbor (A. C. W.); July.

15. *R. nivalis*, Linn. Mountain Crowfoot. *Lab.* Cape Chudleigh (Cat. I, 20; III, 480).

16. *R. pygmæus*, Wahl. Diminutive Crowfoot. *Lab.* Cape Chudleigh (Cat. I, 19; III, 480).

17. *R. Pennsylvanicus*, Linn. Bristly Buttercup. Along boggy rill, Great Cod Roy River, (Bell); July.

18. *R. repens*, Linn. Creeping Crowfoot. St. John's (Miss Southcott), along boggy rill, Great Cod Roy River (Bell); New Harbor and Harbor Breton (A. C. W.); Harbour Grace (Miss Trapnell); July.

*This and other species of *Ranunculus* are in Newfoundland called *Gillcaps*, *Crowfoot* and *Buttercup*.

19. *R. recurvatus*, Poir. Hooked Buttercup. *Lab.*, rich damp woods (Cat. I, 19).

20. *R. sceleratus*, Linn. Noxious or Cursed Buttercup, (Reeks); Harbour Grace and New Harbour (A. C. W.); ditches and wet place; July.

21. *Thalictrum alpinum*, Linn. Alpine Meadow-rue. (Reeks; Cat. I, 15); *Lab.* Cape Chudleigh (Cat. III, 479).

22. *T. dioicum*, Linn. Early Meadow-rue (Reeks); Cairn Mountain, Flat Bay, (Bell); June. *Lab.*, hillsides and along brooks, Caribou and Forteau (Butler).

23. *T. polygamum*, Muhl. Fall or Tall Meadow-rue. False Maidenhair. (Reeks); St. John's (Miss Southcott); West of Rawdon (Cormack); New Harbour and Harbour Breton (A. C. W.); swamp at Flat Bay Brook (Bell); (Cat. I, 15); June. *Lab.* (Cat. I, 15); about Caribou and Forteau (Miss Macfarlane); common on highlands along margins of streams and in the interior at Forteau (W. E. Stearns), (Cat. III, 477). *Flora Miq.*, found almost always in marshy places; July.

24. *T. purpurascens*, Linn. Purplish Meadow-rue. West of Rawdon (Cormack); New Harbor (A. C. W.) Prof. Macoun remarks of it, "or very much like it."

Rejected and doubtful species.

Anemone narcissiflora and *Cimicifuga racemosa*, included in Mr. Reek's list, I am assured by Prof. Macoun are not found here.

II.—BERBERIDACEÆ. *Barberry Family.*

25. *Berberis vulgaris*, Linn. Common Barberry. (Cat. I, 29.)

III.—NYMPHÆACEÆ. *Water-lily Family.*

26. *Nymphaea odorata*, Ait. Sweet-scented Water-lily. West of Random (Cormack); Bird Island Cove (Rev. P. Tocque); rare in Fortune Bay; various places about Trinity Bay (A.C.W.); S. John's (Lady Blake); (Reeks: rare). Ponds. July.

27. *Nuphar advena*, Ait. Common Water-lily. (*Beaver More or Root*; Pond Poppy). West of Random (Cormack); Cairn Mountain, Flat Bay Brook (Bell); *Lab.*: Caribou, ponds. *Flora Miq.*: stagnant waters. July.

28. *N. pumilum*, Smith. Small yellow Water-lily. (Cat. I, 33.)

IV.—SARRACENIACEÆ. *Pitcher Plant Family.*

29. *Sarracenia purpurea*, Linn. Pitcher Plant. Side-Saddle Flower. (*Indian pipe or cup.*) Seems to be common in bogs throughout the country. June, July. *Lab.*: peat bogs and tamarac swamps from Labrador, Newfoundland, and Nova Scotia to the Rocky Mountains (Cat. I, 33).

Flora Miq: Abundant in the peaty plains of Miquelon, July.

V.—PAPAVERACEÆ. *Poppy Family.*

30. *Papaver nudicaule*, Linn. Arctic Poppy. *Lab.*: Cape Chudleigh (Cat. I, 35; III, 485).

VI.—FUMARIACEÆ. *Fumitory Family.*

31. *Fumaria officinalis*, Linn. Common Fumitory. Introduced: about road-sides and as garden weed (S. John's, A. C. W.; and New Harbor, July, August).

VII.—CRUCIFERÆ. *Mustard Family.*

32. *Arabis hirsuta*, Scop. Hain, Rock-cress. (Reeks.)

33. *A. Canadensis*, Linn. Sickle Pod. (Reeks.)

34. *A. alpina*, Linn. Mountain cress. *Lab.* (Cat. I, 44); brooksides, Fortean (Butler); Cape Chudleigh (Cat. III, 687). Battle Harbor (A. C. W.), August, September.

35. *A. stricta*, Huds. Bristol Rock-cress. *Lab.*: (Cat. I, 44).

36. *Barbarea vulgaris*, B. R. Yellow rocket. Harbor Grace (Cat. I, 44); New Harbor, S. John's and Chance Cove (A. C. W.)

Brassica nigra, Koch. Black mustard. S. John's (Miss Southcott, Macoun).

38. *B. Sinapistrum*, Boiss. Wild mustard. S. John's (Miss Southcott).

39. *B. Napi*. S. John's (Miss Cowling-Fletcher).

40. *Cardamine hirsuta*, Linn. Small Bitter-cress. New Harbor, Bay Bull's Arm and Whitbourne (A. C. W.); Bay of Islands (Bell); wet places; July and August.

41. *C. pratensis*, Linn. Ladies' Smock. (*May-flower.*) St. John's, abundant in some places (Miss Southcott); July. *Lab.*, wet, swampy meadows, (Cat. I, 41). *Var. angustifolia*, Hook, *Lab.* Cape Chudleigh (Cat. III, V, 486, 501, with bright purple flowers).

42. *Cakile Americana*, Nutt. American Sea-rocket. Flat Bay (Bell); Brunnet, off Fortune Bay (A. C. W.); sea-coast; July, August. *Flora Miq.*, upon strands of Great Miquelon.

43. *Capsella Bursa-pastoris*, Moench. Shepherd's Purse. (*Pick-pocket.*) Common everywhere as a garden weed. June, September.

44. *C. divaricata*, Walp. Conche, N. E. coast (A. C. W.); sandy sea-coast; August. *Lab.* along sea-coast, Dead Islands (Allen, Bulletin T. B. C. XVII, 311).

45. *Cochlearia officinalis*. Official Scurvy-grass. New Harbour (A. C. W.); St. John's (Lady Blake, Macoun.) *Lab.* Cape Chudleigh (Cat. I, 53; III, 488; Battle Harbour, Seal Islands, Snack Cove (A. C. W.) August. *Flora Miq.*, common, July.

46. *C. tridactylites*, Banks. *Lab.* sea-shore, Carribou; hill-top, Forteau (Butler); Battle Harbour (A. C. W.); September.

47. *C. oblongifolia*, D. C. *Lab.* Battle Harbour and Snack Cove (A. C. W.); June, July.

48. *Draba incana*, Linn. New Harbour (A. C. W.); Conche, N. E. coast, sea coast, August. *Lab.* (Cat. I, 51) Carribou, (Butler); Battle Harbor, Snack Cove and Square Islands (A. C. W.); August and September. *Var. confusa*, Poir. *Lab.* packnak (Cat. III, 489); Battle Harbour (Rev. J. W. Bull, Macoun).

49. *D. verna*, Linn. Spring Whitlow-grass. (Reeks.)

[50. **D. Fladnizensis*, Walp.]

D. androsacea, Wahl. *Lab.* Cape Chudleigh (Cat. III, 488).

51. *D. alpina*. Linn. Alpine Whitlow-grass. *Lab.* Cape Chudleigh (Cat. III, 488.) *Var. (?) corymbosa*, Durand. *Lab.* (Cat. I, 50); Battle Harbor, August (A. C. W.)

52. *D. stellata*, Miq. var. *nivalis*, Regel. *Lab.* Cape Chudleigh (Cat. I, 50; III, 488).

53. *D. rupestris*, B. Br. Rock White Whitlow-grass. *Lab.* Cape Chudleigh (Cat. III, 488).

54. *Erysimum cheiranthoides*, Linn. Worm Seed Mustard, St. John's (Miss Southcott, Fletcher); Trinity (A. C. W.); August.

* Is this a new name for *D. androsacea*, or does Macoun's remarks (T. 305) refer only to I, 51, and to III, 488?

35. *Nasturtium officinale*, R. Br. Water-cress. St. John's (Prof. Holloway, Fletcher).
56. *Raphanus Raphanistrum*, Linn. Wild Radish. St. John's (Miss Southcott).
57. *Senebiera didyma*, Pers. Water-cress, Swine-cress. Introduced in ballast (Cat. I, 58) St. John's (A. C. W.).
58. *Sisymbrium officinale*, Scop. Hedge mustard. (Reeks.)
59. *S. canescens*, Nutt. Tansy-mustard. (Reeks.)
60. *Thlaspi arvense*, Linn. Mithridate mustard. S. John's (Miss Southcott, Fletcher; also doubtful depauperate specimens of Miss Cowlings, named by Mr. Fletcher); Conche sea beach (A. C. W.). August.

VIII.—VIOLACEÆ. *Violet Family.*

61. *Viola blanda*, Willd. Sweet White Violet. Abundant apparently everywhere in damp mossy places. May, June. *Lab.*, common along the coast. (Butler). Battle Harbour (A. C. W.). July, August.
Flora Mig. May, June.
62. *V. palustris*, Linn. Marsh Violet. West of Randum (Cormack). *Lab.*, Battle Harbour (A. C. W.). July.
63. *V. Selkirkii*, Pursh. Great Spurred Violet. West of Randum (Cormack); St. John's (Miss Southcott). *Lab.*, Battle Harbour (A. C. W.). July.
64. *V. cucullata*, Ait. Hoodleweed or common Blue Violet. (Reeks); Flat Bay (Bell); seemingly common in most places. *Flora Mig.*: under the bushes, damp ground. May, June.
65. *V. canina*, Linn. var. *sylvestris*, Regel. Dog Violet. Jersey Harbour, Fortune Bay (A. C. W.), *Lab.*, common on hill-sides. Forteau, and Caribou (Butler); Sandwich Bay (Rev. W. C. Shears, Macoun). *Flora Mig.*: damp, stony ground on plains of Miquelon. June.
66. *V. Canadense*, Linn. Canada Violet. Rich woods (Cat. I, 64); (Reeks).
67. *V. pubescens*, Ait. Downy Violet. Rich low woods (Cat. I, 64).

XIV.—CARYOPHYLLACEÆ. *Pink Family.*

68. *Arenaria laterifolia*, Linn. *Broad-leaved Sandwort.* (Reeks); sandy sea-shore, Flat Bay (Bell). June. *Lab.*, level, grassy places, pretty frequent about; Challeau and Forteau (Butler); Pack's Harbour (A. C. W). August.

69. *A. verna*, Linn. *Vernal Sandwort.* (Cat. I, 71). *Lab.*, hill-sides. Amour, (Butler), Cape Charles, and Cape Chudleigh. (Cat. I, 71; III, 496).

70. *A. stricta*, Fenzl. (?) *Straight Sandwort.* (Reeks).

71. *A. serpyllifolia*, Linn. *Thyme leaved Sandwort.* *Lab.* (Cat. I, 73).

72. *A. Grœnlandica*, Spreng. *Greenland Sandwort.* (Reeks); *Lab.* (Cat. I, 73); hillsides (Butler); on summit of many low hills, Baie des Rochers; Nair and Ford's Harbour; (Cat. IV, 496); Sandwich Bay (Revs. W. C. Shears of T. P, Quinton [Macoun]); Venison Tickle (A. C. W). August.

73. *A. peploides*, Linn. *Seaside Sandwort.* (Reeks); sandy shore, Flat Bay (Bell); Western Cove, White Bay (Revd. S. T. Andrews [Macoun]). June. *Lab.*, in sand near the seashore. Caribour and Forteau (Butler); Seal Islands, Smack Cove and Turner's Head (A. C. W). July and August.

74. *Cerastium viscosum*, Linn. *Sticky or Large Mouse-ear Chickweed.* (Reeks); Trinity Bay, (Cormack); New Harbour and Harbour Breton (A. C. W.); S. John's (Miss Southcott); Flat Bay (Bell).

75. *C. vulgatum*, Linn. *Broad-leaved M. E. Chickweed.* Reeks); river bank Great Cod Roy River (Bell); S. John's (Miss Southcott); New Harbour. July. *Lab.*, Battle Harbour (A. C. W). August. *F. Miq.*, says it is mentioned by Santhier, but not found.

76. *Cerastium arvense*, Linn. *Meadow Chickweed.* White Bay (Revd. S. T. Andrews [Macoun]); S. John's (Lady Blake [Macoun]). *Lab.* (Cat. I, 77), abundant about Forteau, (Butler); Sandwich Bay (Revd. W. C. Shears [Macoun]); Battle Harbour (Revd. I. H. Bull, [Fletcher]).

77. *C. alpinum*, Linn. *Alpine Mouse-ear Chickweed.* *Lab.*,

abundant about Forteau Bay (Butler); Ford's Harbour (near Nair) and Cape Chudleigh (Cat. III, 498); Battle Harbour (A. C. W.); Sandwich Bay (Revd. W. C. Shears [Macoun]). August. *Var. Fischerianum*, Torr and Gray. *Lab.*, Nachvak (Cat. III, 498).

78. *C. trigynum*, Vill. *Lab.*, Cape Chudleigh (Cat. III, 498).

79. *Lychnis apetala*, Linn. *Lab.*, common about Cape Chudleigh (Cat. I, 68; IV, 495).

80. *L. alpina*, Linn. *Red Alpine Campion*. (*Sweet William*, Labrador) west coast (Cat. I, 69); Pipe Stone Pond, Bay Despair, (Howley, [Macoun]); *Lab.* Nackvak, 1884 (Cat. I, 69; III, 495); Smack Cove (A. C. W). Reported as also, and only found at Hare Bay, adjacent. July.

81. *L. Githago*, Law. *Coak Cockle*. Introduced in oats, New Harbour (A. C. W).

82. *L. affinis*, Vahl. *Lab.* (Cat. I, 70).

83. *Sagina nodosa*, E. Meyer. *Pearl Whitlow*. (Reeks). *Lab.* (Cat. III, 499); Battle Harbour (A. C. W). August. *F. Miq.* says this is mentioned by Gauthier but not found.

84. *Sagina procumbens*, Linn. *Procumbent or Creeping Pearlwort*. Sandy Shore, Flat Bay (Bell); New Harbor and Old Shop (A. C. W.) In Sept. *F. Miq.*: "plains and about houses; perhaps introduced." August.

85. *Spergula arvensis*, Linn. *Corn-spurrey*. Common garden weed. July-August.

86. *Buda marina*, Dumort. *Sand-spurrey*. Sandy seashore, Bay Bull's Arm; Harbor Breton and Whitbourne (A. C. W.). August.

87. *Buda borealis*, Watson. *Come-by-chance*, Placentia Bay (A. C. W.) *Lab.*: lat. I, 80).

88. *Silene acaulis*, Linn. *Moss campion*. Pipe stone Pond by Bay Despair (Howley [Macoun]). *Lab.*: hill-top Amour, also Old Fort Island (Butler); common about L'anse au Loup and Battle Harbor (A. C. W.) June-Sept. *F. Miq.*, stony ground and damp places. In July.

89. *Stellaria borealis*, Bigel. *Northern Stitchwort*. (Reeks);

New Harbor and Bay Bull's Arm (A. C. W.) In October. *Lab.*, hill-sides, Caribou (Butler); Battle Harbor and Venison Pickle, (A. C. W.) July-August.

90. *S. cranifolia*, Ehrh. *Lab.*, moisty, flat about Amour and Caribou (Butler); rather common, abound in damp localities along coast (C. W. 497); Battle Harbor (Rev. I. V. Bull [Macoun]).

91. *S. humifusa*, Rottb. *Lab.*, Nain (Cat. I, 76; III, 498); Battle Harbor, and several places along the coast (A. C. W.) July, August.

92. *S. longipes*, Goldie. *Long-stalked Stitchwort.* S. John's (Lady Blake [Macoun]). Harbor Breton (A. C. W.) *Lab.*, near sea coast, Amour and Caribou (Butler); Battle Harbor (Rev. I. V. Bull); and Sandwich Bay (Rev. W. C. Shears [Macoun]); Pack's Harbor and L'anse au Loup (A. C. W.) August.

93. *Var. minor*, Hook. *Lab.*, Nain, Cape Chudleigh (Cat. III, 497); Pack's Harbor (A. C. W.) July.

94. *Var. laeta*, Torr and Gray. *Lab.*, L'anse au Loup and Pack's Harbor (A. C. W.) July.

95. *Var. Edwardii*, Torr and Gray. *Lab.*, about Caribou and Amour (Miss Facfarlane, *Can. Nat.*, v-p 350).

96. *S. longifolia*, Mult. *Long-leaved stitchwort.* Trinity Bay (C.); St. John's (Miss Southcott); New Harbor (A. C. W [McKay]). May, June.

97. *S. media*, Smith. *Common chickweed.* Common garden weed. June, July.

98. *S. uliginosa*, Mun. *Swamp stitchwort.* F. Miq., says that this (*S. aquatica*, Poll.), mentioned by Gaultier, has not been found.

XV.—PORTULACEÆ. *Purslane Family.*

99. *Claytonia Caroliniana*, Mich. *Broad leaved Spring Beauty.* Great Cod Roy River, about 14 miles from its mouth (Bell). July.

100. *Montia fontana*, Linn. *Water Blinks or Chickweed.* (Cat. I, 85.) *Lab.*, (Cat. I, 85); Battle Harbor, Emily Harbor

Cape Charles, Seal Islands and Pack's Harbor, ponds and wet places (A. C. W.). July, Sept.

XVI.—HYPERICACEÆ. *St. John's Wort Family.*

101. *Elodes campanulata*, Pursh. Marsh, St. John's Wort. Sea beach, Trinity Bay (C); brook, New Harbor (A. C. W.). August. *F. Mig.*, peaty plains. August.

102. *Hypericum perforatum*, Linn. *Common St. John's Wort.* The Goulds, S. John's (Miss Trapnell [McKay]).

103. *W. muticum*, Linn. Wet places, New Harbor and Green's Harbor (A. C. W.); July, August.

104. *D. Canadense*, Linn. *St. John's wort.* Wet places, New Harbor and South Fields (A. C. W.); July.

105. *D. ellipticum*, Cook. *Elliptical leaved, S. John's wort.* Harbor Breton (A. C. W.).

XVI. LINACEÆ (*Flax Family*).

106. *Linum Virginianum*, Linn. (?) See Bonycastle's History of Newfoundland.

107. *L. usitatissimum*, Linn. *Cultivated Flax.* Introduced with oats, New Harbor (A. C. W.).

XVII. GERANIACEÆ *Geranium Family.*

108. *Geranium maculatum*, Linn. *Wild Cranesbill.* Harbour Grace (Cat. I, 90).

109. *Impatiens fulva*, Nutt. *Spotted Touch-me-not (Fireweed).* (Reeks); not uncommon about Trinity and Fortune Bays, in wet places (A. C. W.); Swamp, Great Cod Roy River (Bell); S. George's Bay (Hawley), August.

110. *Oxalis acetosella*, Linn. *Common Wood Sorrel.* A doubtful specimen from Harbour Breton (A. C. W.).

XVIII—ILICINEÆ. *Holly Family.*

111. *Ilex verticellata*, Gray.

Near New Harbour (Rev. O. Ball [Macoun]). August.

112. *Nemopanthes Canadense*, D. C. *Mountain Holly (Birch Timber, Green Wood).* Not uncommon about New Harbour; Topsail, Harbour Breton, Harbour Deep (White Bay). (A. C. W.). Flat Bay (Bell); S. John's (Miss Southcott). Woods. June.

XIX. SAPINDACEÆ. *Soap-berry Family.*

113. * *Acer rubrum*, Linn. (*Red or Soft Maple*). Random (Cormack); near Flat Bay Harbour (Bell); St. George's Bay (Howley [Macoun]). (The doctor says it is very plentiful and very conspicuous amongst the rest of the trees which then showed but little sign of the coming summer"). Harbour Breton (A. C. W.); Hamilton Bay (Rev. C. O. Bishop [Macoun]).

114. *A. Pennsylvanicum*, Linn. *Striped Maple* (Reeks).

115. *A. spicatum*, Linn. *Mountain Maple* (*White wood*). Random (Cormack); (Reeks); (Cat. I, 99); near Flat Bay Harbour (Bell); St. George's Bay (Howley); New Harbour (A. C. W.); Bay Despair (Hermitage Bay), (Mrs. Gallop [Macoun]).

116. *A. saccharinum*, Wang. *Sugar Maple* (*Sycamore*). Head of S. George's Bay (Cat. I, 99).

XX. LEGUMINOSÆ. *Pea Family.*

117. *Astragalus alpinus*, Linn. *Alpine Milk Vetch*. (Cat. I, 113). *Lab.* hillsides, Amour (Butler); Nain, Nackvack, Cape Chudleigh (Cat. I, 113; III, 308); common about Battle Harbour and many places about Sandwich Bay (A. C. W). July, August.

118. *A. oroboides*, Hornem, var. *Americanum*, Gray. *Lab.* (Cat. I, 111); Long Point, sandy sea shore (A. C. W). July, August.

119. *Hedysarum boreale*, Nutt. *Northern Hedysarum*. *Lab.*, hillsides, Amour (Butler).

120. *Lathyrus maritimus*, Bigel. *Everlasting Pea*. (Reeks). Sandy downs at Cod Roy (Bell; he also mentions a variety of the beach pea, so downy with soft, short hairs as to look almost glaucous Cat. var.; March 1870, p. 57); common about Trinity and Fortune Bays, and many other places on sea beaches (A. C. W.); Flower's Cove (Spence [Macoun]), July, August. *Lab.* Caribou and Amour (Butler); (Cat. I, 121); Battle Harbour, S. Michael's and other places (A. C. W)., July, August.

F. Miq; sandy places. ("This, like next, appears to be indigenous.")

* Reeks says the genus *Acer* is not found north of Cow Head.

121. *L. palustris*, Linn. *Blue Marsh Lathyrus* or *Everlasting Pea*. (Reeks); New Harbour and Come-by-Chance (A. C. W.), July. *Lab.* (Cat. I, 122); Battle Harbour and Long Point (A. C. W). August.

122. *F. Miq.*; plains. July.

Melilotus officinalis, Willd. *Yellow melilot*. Heart's Content (Miss Southcott).

123. *Medicago lupulina*, Linn. *Black medick*. Road-sides, S. John's (A. C. W). July.

124. * *Oxytropis campestris*, D. C. *Yellowish Mountain Oxytropis*. *Lab.* (Cat. I, 116).

125. Var. *cærulea*, Koch. Slaughter Point, White Bay (Rev. H. I. Andrewes [Macoun]). *Lab.*, Ford's Harbor, Nackvack, Cape Chudleigh; hillsides near Forteau Lighthouse (Cat. I, 116; III, 509); Battle Harbour, Sandwich and Grosswater Bays (A. C. W). July, August.

126. *O. leucantha*, Pers. *Lab.* (Cat. III, 54).

127. *O. podocarpa*, Gray. *Lab.* (Cat. I, 115).

128. *Trifolium pratense*, Linn. *Common Red Clover* (*Honeysuckle clover*) (Reeks). *F. Miq.*, introduced, field, etc. Rare. July, September.

129. *T. repens*, Linn. *White or Dutch Clover*. (Reeks). *Lab.*, Venison Tickle (A. C. W). August. *F. Miq.*, indigenous and very common in the island. July, September.

130. *Vicia Cracca*, Linn. *Tufted Vetch*. (Cat. I, 120); White Bay (Rev. S. T. Andrews [Macoun]); New Harbour and Spreadeagle (A. C. W)., sea beaches. August, September.

131. *V. hirsuta*, Koch. *Daisy or creeping Vetch or Tare*. New Harbour (A. C. W).

132. *V. sativa*, Linn. *Common Vetch or Tare* †var; angustum. New Harbour (A. C. W). var; Collier's Bay Cove (A. C. W.)

* Is this superseded by var. *cærulea* (See Cat. I, 116; III, 509)?

†Dont see any such var. in Macoun.