

June 1, 1905 - Species from N. du L. East - 1019

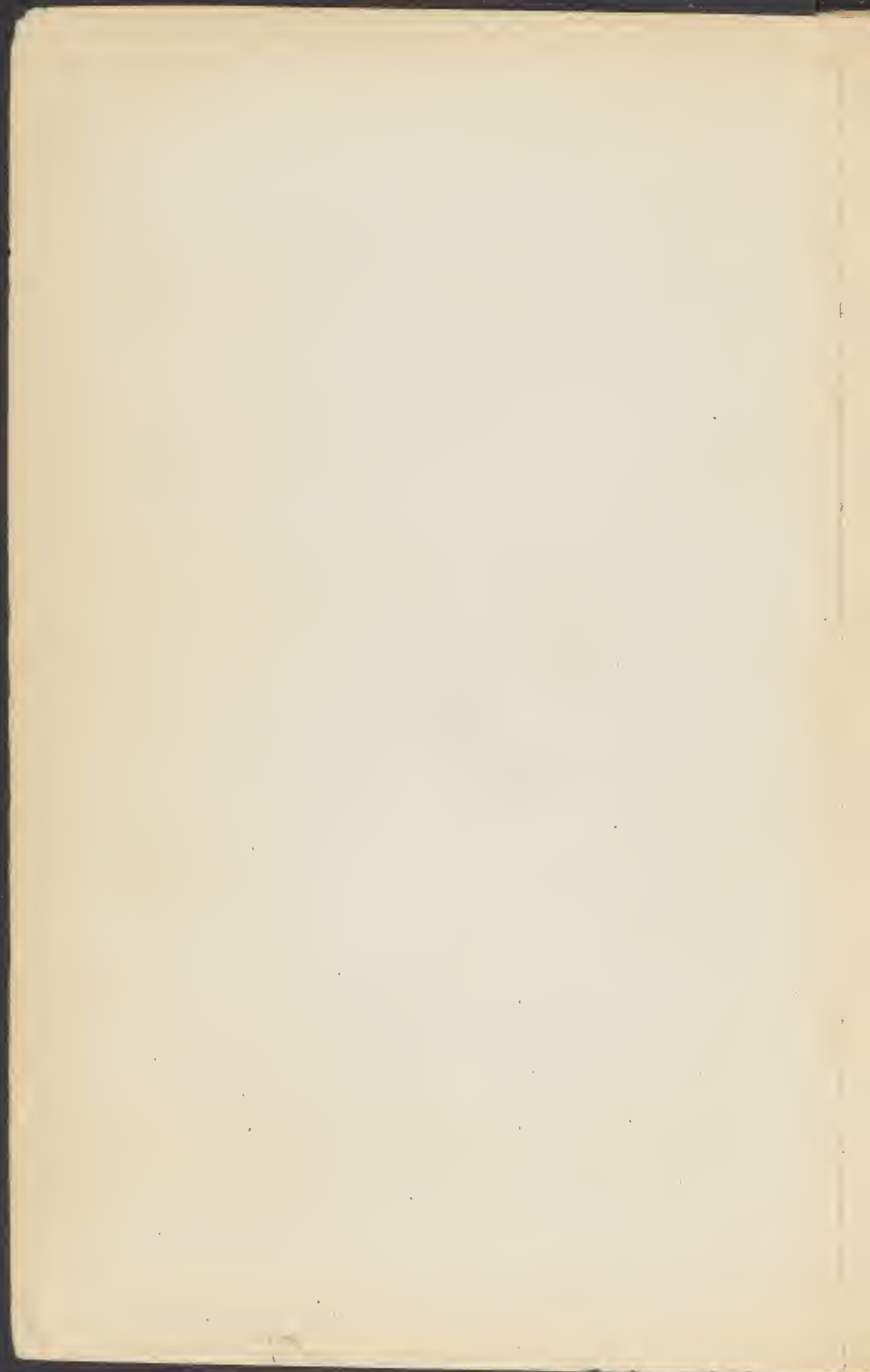
Aug 17, 1905

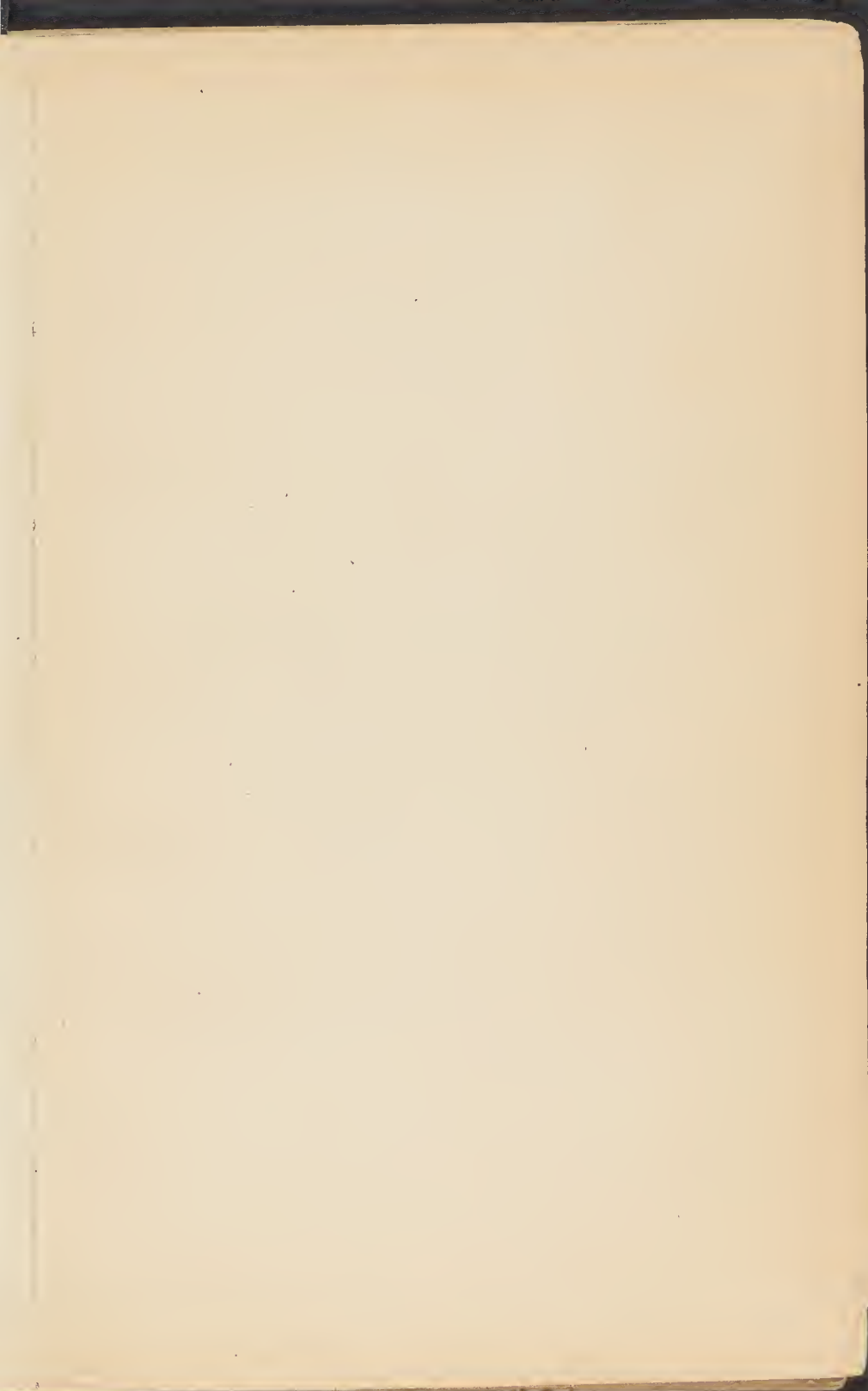
1067

Freshet in Baddeck & Mianza

Sat. Aug. 16 - washed away ridge,  
potato filets & even mowing machine.

Bag & gravel spit at Beau Cove, C.B.  
North Exploring.







FLORA OF MOUNT DESERT.

BR = Bonneaventure River,  
Bar = Barachois de Malbaie  
Belg = Belgium.  
Carl = Carleton  
Ca = Caccana  
DR = Douglastown R.  
D = Douglastown  
Da + Dart R = Dartmouth R  
Dalh = Dalhousie  
Esc = Escuminac  
FP = Father Point  
GB = Gaspé Basin  
GR = Grand River  
LC = Little Cascapédia  
Malb = Malbaie  
Met = Metapédia  
N = Nouvelle  
NR = New Richmond  
Rest = Restigouche R  
TT = Table Top  
Trac = Tracadigant  
Yk = York

YC = Grand Cascapédia  
ML = Mount Louis  
MLA = Mt Albat  
RBA = R. Ste Anne des Monts  
Stalm = " " "  
T = Tourelle  
YR = York River



- C = Cutler, Maine  
 M = Machias "  
 Sg = St John, New Brunswick  
 B = Bathurst, " "  
 AC = New Carlisle, Quebec  
 P = Paspébiac. "  
 PD = Port Daniel. "  
 Pt. = Pointe Nouvelle - "  
 Sh = Shigawake. "  
 BR = Bonaventure River "  
 R du L = Rivière du Loup "  
 Q = Québec & suburbs to Sillery & to Montmorency  
 Ca = Cacouna - "  
 S = Sydney. Cape Breton  
 W = Windsor (half hour's stude) Nova Scotia  
 K = Kentville " "  
 SP = Starrs Point " "  
 SM = Sheffield Mills " "  
 VR = Vault Road, North Mt.  
 BH = Black Hole near Bayters Harbor  
 Rest = Restigouche R. at Metapédia

- C. verticillaris. GR<sup>+</sup>(R). Trac. Int. BR.

- a. parviflora Dautm R. Mayd R. Stebbins R. Shickel mto(m); BR<sup>+</sup>  
Gaus R(R)<sup>+</sup> Percé SC YK

- a. multigida. GR(R). Rest. Bic. BR<sup>+</sup> DR Dart R.

- a. x. GR<sup>+</sup> Rest. BR<sup>+</sup> DR

- a. riparia, Ca<sup>+</sup>. GR(R). Rest. Bic. LC<sup>+</sup> BR<sup>+</sup> Percé<sup>+</sup> DR Dart R<sup>+</sup> SC  
YK Rsa

- a. canadensis. PD. BR<sup>+</sup> Raud. Ca. GR(R). Rest. Bic. LC. DR.  
Dart R. SC. YK T

- T. confine. Raud. Bic. Carl<sup>+</sup> DR L.

- T. alpinum. GR<sup>+</sup> YK<sup>+</sup>

R. ag. trichophyllus. SC. V. BR<sup>+</sup> GR. D. Dart R<sup>+</sup> LC<sup>+</sup>  
YK

- R. Purshii. BR<sup>+</sup> Burtons, N.S.

Trac. Int.  
C. verticillaris

# CATALOGUE OF PLANTS.

## SERIES I. PHANEROGAMIA; FLOWERING PLANTS.

### CLASS I. DICOTYLEDONES ANGIOSPERMEÆ.

#### DIVISION I. POLYPETALÆ.

#### RANUNCULACEÆ. CROWFOOT FAMILY.

##### CLEMATIS, L. VIRGIN'S BOWER.

1. *C. Virginiana*, L.

Thickets; infrequent. Wasgatt Brook; mouth of Hadlock Brook (J. L. Wakefield); — Northeast Harbor, etc. (Rand); — Duck Brook (Rand, F. M. Day); — on Doctors Brook (R. & R.); — Echo Notch (Redfield). A. J. C.  
R. C.

##### ANEMONE, L. WIND-FLOWER.

120 *quinquefolia*  
A. *memorosa*, L.

Rare; apparently occurring only in the southeastern part of the Island. Otter Creek (Grace H. Eliot); — near Schooner Head (Clara L. Walley, Mary Minot).

##### THALICTRUM, L. MEADOW RUE. R. C. - 2012

3 T. *polygamum*, Muhl. *T. Cornuti*, Man., 5th ed., non L.\* C. B. Pte.  
Common in wet ground, by streams, etc. R. C. Q. J. B. C. D. (B)  
T R. C. D.  
*Reit. Bic. Dr. P. C. Dart R.*

##### RANUNCULUS, L. CROWFOOT. BUTTERCUP.

4 R. *Cymbalaria*, Pursh. SEASIDE CROWFOOT.

Sandy or muddy shores on the coast; common. C. B. Pte. R. C. D.  
T Bic. A. B. C. D.  
\* See Trelease in Bot. Gaz., xi. 92. R. C. D. (B) St. G. Carl.  
Dart R. Yk.

- 5 R. Flammula, L., var. reptans (L.), E. Meyer. CREEPING SPEARWORT. GR<sup>+</sup>

Gravelly shores; infrequent. Pool near Schooner Head (Redfield, G. Hunt); — shores of Great Pond; Ripples Pond (Rand).

- 6 R. abortivus, L. SMALL-FLOWERED CROWFOOT.

Grassy fields; rare. Southwest Harbor; Somesville; Bar Harbor (Rand). Probably introduced in grass seed. P. J.,

- 7 R. recurvatus, Poir. GR<sup>+</sup> Carl., Lc. Percé Daut R. UP

Rare. Hadlock Valley (Redfield). J. G<sup>+</sup>

- R. repens, L. SPOTTED-LEAF BUTTERCUP. M.D.

C. S. J. S. Frequent in moist ground by roadsides, in meadows, etc. While in some places, as by roadsides, this species is doubtless introduced, it appears indigenous in others. It is not so abundant on the Island as to lead to any strong presumption of its general introduction, or of its spreading to some remote places. GR. Carl<sup>+</sup> J. R. B. R. Percé, D. Daut R.

- C. B. P. S. K. R. ACRIS, L. TALL BUTTERCUP. Bic. J. Carl<sup>+</sup> Lc. J. R. B. R. D.

Common everywhere. Naturalized from Europe. Percé, Daut R. G<sup>+</sup>

COPTIS, Salisb. GOLDTHREAD. YK

- C. trifolia (L.), Salisb. GR<sup>+</sup> Rdu L. J. Carl, Lc. J. R. B. R.

Common in damp woods. Percé D. Daut R. G<sup>+</sup> YK

AQUILEGIA, L. COLUMBINE.

- 11 A. Canadensis, L.

Rare. High Head (Rand); — East Point, Seal Harbor (A. Bic<sup>+</sup> Cope).

- 12 A. vulgaris, L. GARDEN COLUMBINE. Carl.

C. X. Occasional by roadsides and in waste places. Escaped from Bic. J., cultivation. Near Jordan Pond (Rand); — near Ovens (Green- S. B., leaf, Lane & Rand); — Town Hill (R. & R.).

ACTÆA, L. BANEERRY.

- 13 A. alba (L.), Miller.

Deep woods; infrequent. Sargent Mt. Gorge, etc. (Rand); — Hadlock Valley (Redfield); — near Bar Harbor (F. M. Day).

6<sup>a</sup> var. eucyclus. PD. Rest. GR. Rdu L. Bic. Percé D. Gc<sup>+</sup> MR. Msa.

R. ~~pygmaeus~~ Msa  
R. minus, Allenii. M. Albert (M.)

R. pennsylvanicus, B. Ca. BR. Gschl (M) Rdu L. BR<sup>+</sup>

- R. saeculatus, Rdu L. Ca. Gschl (M) Bic. Dalh<sup>+</sup> Capelone<sup>+</sup> Percé<sup>+</sup>

- R. Macounii. BR<sup>+</sup> Magd R (M), Dart R<sup>+</sup>

- R. septentrionalis. Escum. GR. Rest. et<sup>+</sup> LC. Dart R. Gc  
GR Rsa. T

- Caltha palustris. PD. BR. GR<sup>+</sup> Ca. A. Percé D. Dart R. Gc.  
T

Aconitum napellus. Q.

13<sup>a</sup> a. rubra. Stg. P. Rdu L. X. Rest. GR. Bic (both) N. Can. LC.  
BR. Percé D. Dart R. Gc. GR. MR. Msa. T

N. rubrodiscum HC.

N. minimum metap R(m).

N. variegatum Rest. N<sup>+</sup> GR.

C. aurea Bic<sup>+</sup>

## BERBERIDACEÆ. BARBERRY FAMILY.

## BERBERIS, L. BARBERRY.

## 14 B. VULGARIS, L. COMMON BARBERRY.

Escaped from gardens, or rarely spontaneous. Roadside north of Seal Harbor, — this station now destroyed (Rand, Redfield); — clearing, Canada Valley (Rand); — roadside near Norwood Cove (Rand, Annie S. Downs); — Ox Hill, Seal Harbor (Redfield).

## NYMPHÆACEÆ. WATER-LILY FAMILY.

## BRASENIA, Schreb. WATER SHIELD.

## 15 B. peltata (Thunb.), Pursh.

Abundant in Witch Hole (Rand, Redfield, F. M. Day); — <sup>MR.?</sup> Somes Pond (R. & R., M. L. Fernald); — Ripples Pond (Rand).

## NYMPHÆA, L. WATER-LILY.

## 16 N. odorata, Ait.

Common in ponds and meadow streams. A form with very small flowers, Mountain Pond, Sargent Mt. (Rand). MR. S.

## NUPHAR, Smith. COW-LILY. SPATTER DOCK. YELLOW POND-LILY.

## 17 N. advena, Ait. f.

Common in ponds, slow streams, and bog holes. C. MR.

## SARRACENIACEÆ. PITCHER-PLANT FAMILY.

## SARRACENIA, L. PITCHER-PLANT. SIDE-SADDLE FLOWER.

## 18 S. purpurea, L.

Common in peat bogs. C. MR. GR. J. + BR. MR.

## FUMARIACEÆ. FUMITORY FAMILY.

## CORYDALIS, Vent.

## 19 C. glauca (Moench), Pursh.

Rocky ground and burnt clearings; frequent, but nowhere in great abundance. C. B.  
R. du L. Bic Tract Mt. Carl.

RSA (low)

## FUMARIA, L. FUMITORY.

## 20 F. OFFICINALIS, L.

Waste ground, Great Cranberry Isle (R. & R.). Adventive from Europe. Bic<sup>+</sup>

## CRUCIFERÆ. MUSTARD FAMILY.

## CARDAMINE, L. BITTER CRESS.

## 21 C. hirsuta, L.

Frequent in brooks and on pond shores. So far as known the Island plants are all glabrous, and in other respects do not correspond to the typical European plant. Whether our common American plant is not specifically distinct seems to be an open question. That it is so distinct, see N. L. Britton, Bull. Torr. Bot. Club, xix. 219. As, however, there appear to be intermediate forms, perhaps it would be wiser to give it only varietal rank. The Mt. Desert forms can perhaps be classified under the three following heads for convenience, although apparently there are no well defined dividing lines between them.

(a) *Forma Pennsylvanica*. *C. Pennsylvanica*, Muhl. Glabrous; large and leafy; few, if any, radical leaves; pods linear; pedicels somewhat divergent. Roadside ditch between Town Hill and Northwest Cove; near outlet of Great Pond; Intervale Brook (Rand). 9K<sup>+</sup> Bic  
472C  
D. Dant R.  
9C Y  
RSA, J. n. d.

(β) Like the last, but with widely divergent pedicels, and thicker, much shorter pods. The most common form. Brook, Clark Valley; Cold Brook; Intervale Brook (Rand); — Doctors Brook; Stanley Brook (Redfield); — Deer Brook (R. & R.).

(γ) A form more nearly corresponding to typical *C. hirsuta*. Glabrous; radical leaves rosulate; pedicels erect or somewhat spreading; style short and stout; pods variable in length and thickness. Shores of Northwest Arm, Great Pond (Rand, M. L. Fernald).

## 22 C. parviflora, L.

Leaflets mostly linear; radical leaves few or none; pods linear, erect on spreading pedicels. In dry ground, or among moist rocks; rare. Little Duck Island; Flying Mt. (Rand).



Sanguinaria can. Metz R (M).

Papaver Rhoeas Rdu L. Q. Carl.

P. somniferum. Q. Cape Cove.

Chelidonium majus. Q.

C. pratensis BR. Daut R<sup>+</sup>

C. pratensis, var. palustre, et R<sup>+</sup>

— Dentaria diphylla G<sup>+</sup> J<sup>+</sup> BR. G. C. Paci

— Arabis brachycarpa, DC.<sup>+</sup> Magdalen R (M). Bic<sup>+</sup> Carl<sup>+</sup>  
Tad<sup>+</sup>

— A. connexa. Rdu L.<sup>+</sup>

— A. hirsuta. PD.<sup>+</sup> Com (M). Rest.<sup>+</sup> GR.<sup>+</sup> Bic.<sup>+</sup> Jr.<sup>+</sup> Carl.<sup>+</sup> LC. BR.<sup>+</sup>  
Pearl<sup>+</sup> GC

A. alpina. along Gulf. 13 mi. below mouth of St. Andrew.  
up St. A. R. 20 mi. to abund on bank no. face of Albert (M).  
GC.

— A. Collinsii. Bic<sup>+</sup>

— Daba megasperma P.<sup>+</sup>

— D. arabisana Gaspé Basin. & from Cape

Roois to ~~that~~ <sup>Little Nêtro (M).</sup> SM (R). Bic.<sup>+</sup> Trac. Mt.<sup>+</sup>  
D. arab. <sup>Percé<sup>+</sup></sup> ~~et hocupa~~. Bic.<sup>+</sup> Trac. Mt.<sup>+</sup> D. Little R. <sup>Percé MR</sup>

— D. micana <sup>T</sup> com (M.) Percé<sup>+</sup>

D. micana, confusa Percé<sup>+</sup>

D. Hadrynensis. Table-Top (Alien).

D. pycnosperma Percé<sup>+</sup>

D. stylaris Bic<sup>+</sup>

D. borealis Bic<sup>+</sup>

B. stricta, W.

Hesperis matronalis Q.W. Sog.

Erysimum cheiranthoides, S.W.K. Sog. Dalh. B.R.

S. Sophia, Sautba, mouth of Magd. R (M).

S. canescens, var. brachycarpa - Ste a dest<sup>m</sup> + m L?

B. juncea, Q.S. Met.

Diploraxis muralis, S. Sog<sup>+</sup> 4K<sup>+</sup>

Diplot. erucoides 4K<sup>+</sup>

Capsella 2x15<sup>+</sup> 4K<sup>+</sup>  
" - 4K<sup>+</sup>

NASTURTIIUM, R. Br. WATER CRESS.

23 N. palustre (Leys.), DC. MARSH CRESS. *Rdu L.*  
 Rare. Field, Somesville (Rand). Doubtless introduced.

24 N. ARMORACIA (L.), Fries. HORSE RADISH.  
 Rare. Escaped from cultivation to waste places. Somesville *P.D. Bic*  
 (Rand). Adventive from Europe.

BARBAREA, R. Br. WINTER CRESS. *(Saladon Sequoyay Post)*

25 B. vulgaris, R. Br. YELLOW ROCKET.  
 Rare. Wayside, Bar Harbor (Rand). Lately introduced. *Q (double at Wolfe Cove) W. Stg.*

SISYMBRIUM, L. HEDGE MUSTARD.

26 S. OFFICINALE (L.), Scop. COMMON HEDGE MUSTARD.  
 Roadsides and waste places. Naturalized from Europe. *B.S.W.K.*

BRASSICA, L.

27 B. SINAPISTRUM, Boiss. CHARLOCK.  
 Old fields and waste places; infrequent. Northeast Harbor; Southwest Harbor; Somesville (Rand). Adventive from Europe. *C.B.P.Q. Stg. Bic Met. v. Carl. 9R, 4R + MK T*

28 B. NIGRA (L.), Koch. BLACK MUSTARD.  
 Old fields and waste places; frequent. Northeast Harbor; High Head; beach, Greening Island; Southwest Harbor (Rand). Adventive from Europe. *S.W.K.*

29 B. CAMPESTRIS, L. TURNIP.  
 Old fields and waste places; frequent. Somesville (R. & Seal Harbor (Redfield); — Southwest Harbor; Northeast Harbor (Rand). Introduced from Europe. *W.K. D.*

CAPELLA, Medic. SHEPHERD'S PURSE.

30 C. BURSA-PASTORIS (L.), Moench. *mk*  
 A common weed, — even at Duck Islands (Redfield). Naturalized from Europe. *C.B.P.Q.S. Rdu L. v. W.K. Stg. Met. BR. Bic + Carl. G.K. Percé. D. 2B + T*

## LEPIDIUM, L. PEPPERGRASS.

31 *L. Virginicum*, L.

Roadsides; rare. Southwest Harbor (M. L. Fernald); — Somesville (Rand); — Bar Harbor (W. H. Manning). Recently introduced from the South.

## CAKILE, Gærtn. SEA ROCKET.

32 *C. Americana*, Nutt.

Common on sea beaches.

C.B.P. McRdu S. K. Bic, Carl.  
BR. Bar. D. M. T

## RAPHANUS, L. RADISH.

33 *R. RAPHANISTRUM*, L. WILD RADISH. JOINTED CHARLOCK.

Old fields and waste places; frequent. Northeast Harbor (W. H. Dunbar); — Southwest Harbor; Beech Hill; Somesville; Bar Harbor, etc. (Rand). Adventive from Europe.

C.B.P.Q  
S.K  
Carl. 9P

## CISTACEÆ. ROCK-ROSE FAMILY.

## HUDSONIA, L.

34 *H. ericoides*, L. HEATH-LIKE HUDSONIA.

Frequent on mountain summits. Also on borders of Sea Wall Swamp, and on Bass Harbor road (Annie S. Downs).

## LECHEA, L. PINWEED.

35 *L. minor*, L., var.

Very common in dry soil. The form found on the Island corresponds to *L. intermedia*, Leggett MS. = *L. Leggettii*, Britt. & Holl., var. *intermedia* (Legg.), Britt. & Holl., — according to Dr. N. L. Britton.

C. K

## VIOLACEÆ. VIOLET FAMILY.

## VIOLA, L. VIOLET.

36 *V. palmata*, L., var. *cucullata* (Ait.), Gray.

Common, mostly in moist ground. Very variable.

stg. 40+

*Forma albiflora.*

Flowers pure white. Occasional. Emery District (Wm. C. Lane).

Thlaspi arvense W. Rd. L. Q. Stg. Bic. Cal. FP. <sup>T</sup> inc. MX

Camelina sativa YR<sup>+</sup>

Austelia paniculata, Bic. Cal<sup>+</sup>

L. sativum. W. Sted. m. (M). GR<sup>+</sup>

L. apetalum. W. Stg.

L. ruderale, W.

L. campestris, W.

R. sativus B. K. Cal.

Senecio coronopus Griseo Basin (M).

S. pinnatifida, Griseo Basin (M). YR<sup>+</sup>

- V. septentrionalis, Stu L. S. Stg. cl. Cal. Dant R<sup>+</sup> 4c<sup>+</sup>

- V. nephophylla Rest<sup>+</sup> Excum<sup>+</sup> GR<sup>+</sup> Rct<sup>+</sup> BR<sup>+</sup> Pecc. DR<sup>+</sup> Dant R, 4c<sup>+</sup>  
- YR Rca

V. fimbriatula. K.

V. palustris. Allen (Allen).

- V. Seckirkii. Dartm R. & R. Stadestr. (M). Gr. J. Carl.  
Trac Mt (1900) LC. PR. gc<sup>+</sup> ma.

- V. scabriuscula. Gr. (R). K.<sup>+</sup> Dartm R.<sup>+</sup> gc

- V. labradorica. LC.<sup>+</sup> GR.<sup>+</sup> MR.<sup>+</sup> ma.

V. adunca. Carl.<sup>+</sup>



*Forma variegata.*

Flowers blue, mottled with white. Occasional. Southwest Harbor; Somesville (Rand).

37

*V. sagittata*, Ait. ARROW-LEAVED VIOLET.

Frequent in open dry ground,—pastures and hillsides.

38

*V. blanda*, Willd. SWEET WHITE VIOLET. D. Dart. R. 9c. ana. T

Common in wet places. C. 4c. Rest. Str. 9c. +. Cal. Trac Mt. 4c. B.F.

39

*V. renifolia*, Gray. KIDNEY-LEAVED VIOLET. 9c. ma.

Occasional. Southwest Harbor (Greenleaf, Lane & Rand); — old Beech Hill road, head of Norwood Cove (Rand). D. Mataw. 4c. +. P. L. 4c. +. Trac Mt. (900ft) 4c. B.F. P. 4c. +. 4c. +.

40

*V. palustriformis*, Gray. *Mataw.*

Not uncommon in mossy ground. Seal Harbor (Redfield); — Southwest Harbor (M. L. Fernald). ma.

41

*V. primulaefolia*, L. PRIMROSE-LEAVED VIOLET.

Infrequent. Southwest Harbor (Greenleaf, Lane & Rand, M. L. Fernald); — old road to Beech Hill, head of Norwood Cove; shore of Pond Heath (Rand).

42

*V. lanceolata*, L. LANCE-LEAVED VIOLET.

Common in wet places and roadside ditches. C.

43

*V. canina*, L., var. *conspersa* *Muhlenbergii* (Torr.), Gray. DOG VIOLET.

Rare. Bar Harbor (Margaret A. Rand). 9c. + 9c. +

44

*V. arenaria*, DC. var. *puberula*, S. Watson

Frequent in dry soil. High Head; pasture near Pond Heath; Northwest Cove (Rand); — Bar Harbor (Mary Minot). Bic +

45

*V. tricolor*, L. PANSY. HEART'S-EASE. LADIES' DELIGHT.

Escaped from cultivation. Bar Harbor (W. H. Manning). Adventive from Europe.

## CARYOPHYLLACEÆ.

## DIANTHUS, L. PINK.

## 46 D. DELTOIDES, L. MAIDEN PINK.

Well established in field, Bar Harbor (Mary Minot); — field, Northeast Harbor (B. E. J. Gresham). Adventive from Europe.

## SAPONARIA, L.

## 47 S. VACCARIA, L. COW HERB.

Uncommon. By roadside, Town Hill; in old grain field, Southwest Harbor (Rand). Adventive from Europe.

## SILENE, L. CATCHFLY. CAMPION.

## 48 S. NOCTIFLORA, L. NIGHT-FLOWERING CATCHFLY.

Occasional in waste places. Roadside near Sargent Cove; Somesville; Southwest Harbor (Rand). Adventive from Europe. *Belf. Gc*  
*St. Rd. M.*

## 49 S. ARMERIA, L. SWEET WILLIAM CATCHFLY.

Occasionally escaped from gardens to roadsides and waste places. Southwest Harbor; Sea Wall; between Fernald and Norwood Coves (Rand). Adventive from Europe.

50 S. CUCUBALUS, Wibel. *S. inflata*, Smith. BLADDER CAMPION. *Gc*

Well established in field, Bar Harbor (Mary Minot). Adventive from Europe. *St. Rd. M. N.*  
*My. Bic. Carl. Le. BR. Percé Rd. L. A.*

## 51 S. NUTANS, L.

Well established in field, Bar Harbor, although not abundant (Mary Minot). Adventive from Europe.

## LYCHNIS, L. COCKLE.

## 52 L. VESPERTINA, Sibth. EVENING LYCHNIS. WHITE CAMPION.

Rare. Waste ground, Fernald Point (Rand). Adventive from Europe.

## 53 L. GITHAGO (L.), Scop. CORN COCKLE.

Fields and roadsides; occasional. Southwest Harbor; Northeast Harbor (Rand); — Bracy Cove (Wm. C. Lane); — Seal Harbor (Redfield). Adventive from Europe. *Carl. J.*

D. barbatus, RSA.

S. officinalis, Q.S.K.

S. acutis, Wallert (M), gl. Aug 15.

L. dioica, W.K (all white)

L. alpina abund on Wallert (M).

A. japonensis Maxon (M. A.)

A. serpyllifolia K.

A. ciliata var. humifusa, Maxon

- A. peploides. W.C. Coker Ca. Rdul. FP. Maxon T

A. arctica Maxon

- A. nema var. prospina Maxon, Percé Mt. & Roches Percé (M.), BR<sup>+</sup>

A. nema prospina Maxon, Percé Mt., Roches Percé & Maxon (M.), BR<sup>+</sup>

A. nema rubicella? Maxon (M.)

A. litorea Carl<sup>+</sup>

S. longipes, var. lacta. P.<sup>+</sup> Strickland (M) Carl<sup>+</sup>

S. crassifolia. Gulf of St. R. (M), Ca., BR<sup>+</sup>

ARENARIA, L. SANDWORT.

54

A. Groenlandica (Retz), Spreng.

Frequent on mountain summits; often on rocky hills of less altitude; and less frequently on headlands and rocky shores by the sea, as at Bar Harbor (Rand). At Mt. Desert this plant blooms throughout the entire season from early June to October, the later flowers, however, being much smaller in size and fewer in number.

55

A. lateriflora, L. <sup>Q</sup> T

Common; fields, thickets, and banks by the seashore. Also <sup>C. S. G. B. P. C.</sup> Duck Islands (Elizabeth G. Britton). <sup>R. S. L. S. Eschm. Bic, Carl<sup>t</sup></sup>

STELLARIA, L. CHICKWEED. STARWORT.

56

S. MEDIA (L.), Smith. COMMON CHICKWEED. <sup>ML</sup>

Common in cultivated and waste grounds. Naturalized from <sup>C. B. P. R. S.</sup> Europe. <sup>Bic. W. Carl, BR, GR. Peck, D. G. B. T. K. W.</sup>

57

S. longifolia, Muhl. LONG-LEAVED STARWORT.

Rare. Damp ground on Intervale Brook, near Hulls Cove (R. & R.).

58

S. GRAMINEA, L. ENGLISH STARWORT.

Becoming frequent in grassy places. Bass Harbor road, near <sup>C. B. W. K.</sup> Southwest Harbor; Southwest Harbor; Northwest Cove; Town Hill (Rand); — Northeast Harbor (Redfield). Adventive from Europe. <sup>Eschm. S. S. G. Bic<sup>t</sup> Dart R<sup>t</sup></sup>

59

S. uliginosa, Murr. SWAMP STARWORT.

Rare. In wet ground and roadside ditch, east side of North-<sup>S</sup> east Harbor (T. Meehan & Redfield).

60  
mla.

S. borealis, Bigel. NORTHERN STARWORT. <sup>Dart R. G. C. YR. ML</sup>

Frequent in wet ground. Little Harbor Brook Notch, <sup>C. B. S. G.</sup> Somesville (Rand); — Long Pond meadows (Wm. C. Lane); — Green <sup>GR. B.</sup> Mt.; Bear Island (Redfield); — Otter Creek (T. G. White). <sup>R. S. L. G. R. Carl.</sup>

61

S. humifusa, Rothb. <sup>Bic. W. BR. Peck. T</sup>

Rare. Salt marsh, Little Cranberry Isle (Redfield). There <sup>C. B. Ca.</sup> is only one other station for this plant within the limits of Gray's Manual, but it is common farther north.

<sup>Bic<sup>t</sup> ch<sup>t</sup> Carl. BR. Dart R. YR<sup>t</sup> ML T</sup>

## CERASTIUM, L. MOUSE-EAR CHICKWEED.

- 62 <sup>mk</sup> C. VULGATUM, L. Gray, Manual, 6th ed. *C. viscosum* of C.B.P.S. R.L. L. Man., 5th ed. *Bic. Carl. BR GR Presl GB T S. X. FC*  
Fields and waste places; common. Naturalized from Europe. *D 90*
- 63 C. arvense, L. FIELD CHICKWEED.  
Rare. Duck Islands (Rand, Redfield, Annie S. Downs);  
field near Ship Harbor (Redfield & Faxon). *Rdu. + Bic. FP. Presl +*

## SAGINA, L. PEARLWORT.

- 64 S. procumbens, L. *gr. D*  
Springy places and wet rocks; frequent. Sea Wall (H. C. C. St. B. P. Jones); — Flying Mt.; Somesville; Southwest Valley road, *W. C. R. du. S.* etc. (Rand); — Cranberry Isles (Redfield, Wm. C. Lane); — *BH Carl.* Duck Islands (Redfield); — Great Head (F. M. Day). *Bic. BR GR. Presl*
- 65 S. nodosa (L.), Fenzl. KNOTTY PEARLWORT. *Bar T C. Hopetown + D*  
Crevices of rocks and gravelly banks; rare. Bar Harbor *BR. Ca.* (Rand, Kate Furbish); — The Cliffs, Seal Harbor (Rand). *Rdu. X. J. Carl. +*

BUDA, Adans. (*Spergularia*, Presl.) SAND SPURREY.

- 66 B. rubra (L.), Dumort. *Spergularia rubra* (L.), Presl. PINK SAND SPURREY.  
Frequent; dry sandy soil, and occasionally on sea beaches. *S. X.* Manchester Point, Northeast Harbor; Bar Harbor (Rand); — *EB + YK +* Seal Harbor; Northeast Harbor; Little Cranberry Isle (Redfield); — Great Cranberry Isle; Fernald Point (R. & R.); — on beach, Great Cranberry Isle (Rand). This plant in dry soil is strictly procumbent, usually undersized and dwarfed; on beaches it becomes large and widely spreading.
- 67 B. marina (L.), Dumort. *Spergularia salina*, Presl. T  
Sea beaches; rare. Sutton Island; Great Cranberry Isle *W. Sp. Carl. +* (Rand). *Carl. + mk* *Rdu. Bic*
- 68 B. borealis, S. Watson. *Spergularia borealis* (S. Watson), Robinson. *matuc.*  
Frequent on sea beaches and salt marshes. Wasgatt Cove *C. B. P. Rdu. +* (J. L. Wakefield); — Somesville; Little Cranberry Isle (Red- *Sp. Carl. +*

*D. Dautk + YK. FP.*

- C. alpinum. Petit Passage, Cape Gaspe, cliffs 15 mi, below PSHA (M).

C. trigynum. Table Top (A).

C. beringianum. Bic<sup>+</sup> Perce<sup>+</sup> T

S. Lumsdeni MSA -

S. occidentalis RSA

659 var. pubescens. C.

Claytonia caroliniana, Cape Deprain (Ells)



field);— Southwest Harbor; Sea Wall; Norwood Cove; High Head; Bar Harbor, etc. (Rand);— Great Cranberry Isle (R. & R.).

SPERGULA, L. SPURRY.

69

S. ARVENSIS, L. CORN SPURRY.

A common weed in cultivated ground. Adventive from Europe. *W. Carl. G. R. P. D. Yk<sup>+</sup> Bic. T* *C.B. P. K.*

*Forma RUBRA.*

Flowers deep pink. Field, Salisbury Cove (Rand).

PORTULACACEÆ. PURSLANE FAMILY.

MONTIA, L. BLINKS.

Sepals 2, ovate, persistent, herbaceous. Petals 5, united at base, 3 somewhat smaller. Stamens 3, rarely more, on the tube of the corolla. Ovary free, 3-ovuled: style 3-cleft, very short. Capsule 3-valved, 3-seeded. Seeds black, dull, tuberculate, rarely smoothish or shining.— A small branching glabrous succulent annual, with opposite leaves, and small axillary or racemose flowers. Bot. Cal., i. 77.

70

M. fontana, L.

Stems procumbent or ascending, 1 to 3 inches long: leaves spatulate to linear oblanceolate, 3 to 9 lines long: flowers a line long or less: capsule globose. (Bot. Cal., l. c.) Rare. Damp, brackish ground, Great Cranberry Isle (Rand);— Great Duck Island (Redfield). The only stations thus far known within the limits of Gray's Manual, or in Eastern U. S. Common, however, farther north, and on Pacific shores. *C. R. H. + Red L. G.*  
*Ste Ad. (A)*  
*B. + Cape Cove*  
*D. + R. +*

PORTULACA, L. PURSLANE.

71

P. OLERACEA, L. PURSLANE. PURSLEY.

Cultivated and waste grounds. Bar Harbor (Rand, W. H. Manning);— Long Pond (Rand). As yet a very uncommon weed on the Island, and probably introduced since 1880. Naturalized from Europe. *G. K.*

## ELATINACEÆ. WATERWORT FAMILY.

## ELATINE, L. WATERWORT.

72 *E. Americana* (Pursh), Arn.

Rare. Margin of Somes Stream and of Mill Pond, Somesville (Rand, M. L. Fernald).

## HYPERICACEÆ. ST. JOHN'S-WORT FAMILY.

## HYPERICUM, L. ST. JOHN'S-WORT.

73 \**H. adpressum*, Bart.

Rare. Adventive from farther south. Along the railroad, Green Mountain (Arnold Greene).

74 *H. ellipticum*, Hook.

Wet places and bogs; frequent. Pond Heath; Northeast Harbor; Southwest Harbor; High Head, etc. (Rand); — Somesville (R. & R.); — Squid Cove (Redfield). C.B.

75 *H. perforatum*, L. COMMON ST. JOHN'S-WORT.

Fields and roadsides; frequent in some parts of the Island. A well known weed. Naturalized from Europe. B. R. M. L. Q. S.  
X.

76 *H. mutilum*, L.

Frequent in low grounds and wet places. Outlet of Great Pond; Southwest Harbor; Somesville, etc. (Rand); — shores of Great Pond (Redfield).

77 *H. Canadense*, L.

Common in wet, sandy soil. C. S. K. Sroy

78 Var. *majus*, Gray.

Frequent. Southwest Harbor; Northeast Harbor; Denning Brook; Long Pond meadows; Somesville; shores of Jordan Pond and Great Pond; Bass Harbor, etc. (Rand); — Seal Harbor; Little Cranberry Isle (Redfield).

Two somewhat peculiar forms of this variety are sometimes met with on the Island:—

76<sup>a</sup> Gouale. C.B.S.

M. verticillata, W.

M. moechata, B. NE<sup>+</sup>. P. Rdu L. Q. S. K. Bic<sup>+</sup> M. Carl, BR. Pecc<sup>+</sup> RR

M. crispa, Q.

Tilia americana, Q.

L. catharticum, S.

( $\alpha$ ) Simple; leaves ascending and somewhat appressed. Southwest Harbor, etc. (Rand).

( $\beta$ ) Leaves broadly lanceolate, more or less strongly five-nerved at the base. Intervale Brook; Southwest Harbor, etc. (Rand); — shores of Jordan Pond (Redfield).

79

*H. nudicaule*, Walt. *H. Sarothra*, Mx. PINE WEED. ORANGE GRASS.

Sandy or gravelly soil, roadsides and mountain tops; common. The mountain form is exceedingly dwarfed, often being no more than a single unbranched stem, less than one inch in height.

ELODES, Adans. MARSH ST. JOHN'S-WORT.

80

*E. campanulata* (Walt.), Pursh. *E. Virginica* (L.), Nutt. <sup>4k</sup> D<sup>+</sup> AR

Common in swamps and bogs, and on borders of ponds. C. B. M. etc. S. K. Redf.

MALVACEÆ. MALLOW FAMILY.

MALVA, L. MALLOW.

81

*M. rotundifolia*, L. COMMON MALLOW. CHEESES.

Waste and cultivated grounds about dwellings; not very common. Naturalized from Europe. B. M. C. Q. W. K. 4k.

82

*M. alcea*, L.

Escaped to roadsides between Town Hill and Salisbury Cove (M. L. Fernald). Adventive from Europe.

LINACEÆ. FLAX FAMILY.

LINUM, L. FLAX.

83

*L. usitatissimum*, L. COMMON FLAX.

Uncommon. Roadsides near Seal Cove, and about Southwest Harbor; abundant in grain field, Southwest Harbor (Rand). B. M. C. Q. W. Carl. Adventive from Europe. -S.B.

## GERANIACEÆ. GERANIUM FAMILY.

## GERANIUM, L.

84 **G. Robertianum, L.** HERB ROBERT.

Frequent in damp, rocky places, especially at head of sea beaches. Abundant on Cranberry Isles (R. & R., F. M. Day);— Flying Mt. (Rand);— Bald Porcupine Island (W. H. Manning). *Perce<sup>+</sup>*

85 **G. Carolinianum, L.**

Frequent in waste places and clearings. Southwest Harbor (Harriet A. Hill);— roadside near Denning Pond (Annie S. Downs);— Somesville; Town Hill; Hulls Cove; High Head; Bubble Pond, etc. (Rand);— Seal Harbor (Redfield);— Bar Harbor (W. H. Manning).

OXALIS, L. WOOD SORREL. (*Partridge Clover*)86 **O. Acetosella, L.**

Common in mossy ground, deep cold woods. This plant is believed to be the true Irish Shamrock, although the emblem is now commonly represented by species of Trifolium. *Perce<sup>D</sup>*, *C. B. R. & L.*, *S. K. St. R.*, *Perce<sup>+</sup>*, *R. & R.*, *S. Cal.*

87 **O. corniculata, L., var. stricta (L.)**, Say. *C. B. R. & L.*, *R. & R.*, *S. Cal.*  
Common, mostly in open ground. *Perce<sup>+</sup>*, *R. & R.*

## IMPATIENS, L. BALSAM. JEWEL WEED.

88 **I. fulva, Nutt.** SPOTTED TOUCH-ME-NOT. WILD BALSAM.

Moist places; common. A spurless form, Sea Wall (Rand). *Perce<sup>D</sup>*, *R. & R.*, *C. B. R. & L.*, *S. K. St. R.*  
*Forma albiflora.* *Dak.*, *Perce<sup>+</sup>*, *Cal.*, *R. & R.*, *S. K. St. R.*

Flowers white or cream-color, spotted with pink; stems and foliage very pale. Southwest Harbor (Rand).

## ILICINEÆ. HOLLY FAMILY.

## ILEX, L. HOLLY.

89 **I. verticillata (L.)**, Gray. BLACK ALDER.

Low grounds and thickets; common. *S. K.* *Seaside Barren (m).*

G. pratense. W. to P.D.

G. pyrenaicum. Q.

G. Bicknellii. B. Rdn L. Carl<sup>+</sup>

Erodium cicutarium. Carl<sup>+</sup> FP.

E. moschatum. YK<sup>+</sup>

J. aurea. Q. Mont St Louis (m).

Rhamnus alnifolia, 42<sup>+</sup>. Ps. Srg. Gr. Carl., Lc., Bb.  
D. JK. Fucci

Vitis vulpina, G.

var. Carbatum, G.



90 Var. *tenuifolia*, Torr.

Leaves petiolate, obovate, thin, smooth beneath except a slight pubescence on the midrib, uncinately serrate, obtuse, or more commonly mucronate-tipped; pistillate flowers 4-5-cleft, commonly solitary, short-pedicelled; berries scarlet. A shrub about 5° high with very slender branches. Torr. Fl. North. States, 338. A woodland form, appearing most distinct from the type.\* On Denning Brook, Somesville (M. L. Fernald).

NEMOPANTHES, Raf. MOUNTAIN HOLLY.

91 *N. fascicularis*, Raf. *N. Canadensis* (Mx.), DC. C.B.S.K. Srg. FP  
Damp ground; common. *abundant (M)*. D<sup>+</sup> 4k.

VITACEÆ. VINE FAMILY.

AMPELOPSIS, Mx.

92 *A. quinquefolia* (L.), Mx. VIRGINIAN CREEPER. WOODBINE. *W.*

Common in cultivation, and often escaped to roadsides and waste places. Squid Cove; Southwest Harbor; Somesville (Rand). There is no satisfactory evidence that this plant is indigenous on the Island. Introduced from farther south.

SAPINDACEÆ. SOAPBERRY FAMILY.

ACER, L. MAPLE.

93 *A. Pennsylvanicum*, L. STRIPED MAPLE. *H.R. Sup RR. Rdu L. Q. S. K.*  
Common in woodlands. *Srg. Bic. vt. Carl. Percé T*  
*Dak.*

*mta* 94 *A. spicatum*, Lam. MOUNTAIN MAPLE. *D. 9c.*  
*mtk* T Common in rocky woods. *Percé C. At 28 Sup RR. Rdu L. S. Srg.*  
*in fl. June 28. Mt. RR. Bic. vt. Carl. K. Bk.*

95 *A. saccharinum*, Wang. SUGAR MAPLE. T *Percé 9c.*  
*R.S. (Homes)* Infrequent. Sargent District, etc. (Rand); — Seal Harbor, *vt. Rdu L.*  
etc. (Redfield); — near Bar Harbor (W. H. Manning). *Q. S. K. N.*

96 *A. rubrum*, L. RED MAPLE. *W. & M. (E. Machias)*  
Common in swamps and damp ground. *C. B.P. Q. S. K. vt. Carl.*  
*D. B.P. Percé*

\* See also Britton in Bull. Torr. Bot. Club, xvii. 314.

## ANACARDIACEÆ. CASHEW FAMILY.

## RHUS, L. SUMACH.

97 R. typhina, L. STAGHORN SUMACH.

Hillsides, etc.; frequent, but rather local. C. very local. Q. K. Vt.  
Met. Bic. Carl.

98 R. Toxicodendron, L. POISON IVY.

Thickets and low grounds; frequent, but local in its distribution. Common on cliffs and rocky banks by the seashore; — Pierce Head; Little Harbor; Hunters Beach; Roberts Point, etc. (R. & R.); — especially on the southern shore of the Island. It is also found in some abundance about Somesville and vicinity in low grounds and by roadsides. Poisonous to the touch. Q. Met. Tree mt (1900) Dall. P.

## POLYGALACEÆ. MILKWORT FAMILY.

## POLYGALA, L. MILKWORT.

99 P. paucifolia, Willd. FRINGED POLYGALA.

Infrequent and local. Reported by various collectors from different parts of the region south and east of Salisbury Cove. Also found southwest of Youngs District (Clara L. Walley, Greenleaf, Lane & Rand). GR+

100 P. sanguinea, L.

Infrequent. Fields, Bar Harbor; Southwest Harbor (Rand); — Long Pond meadows (Redfield); — "Mt. Desert" (R. H. Day).

101 P. verticillata, L.

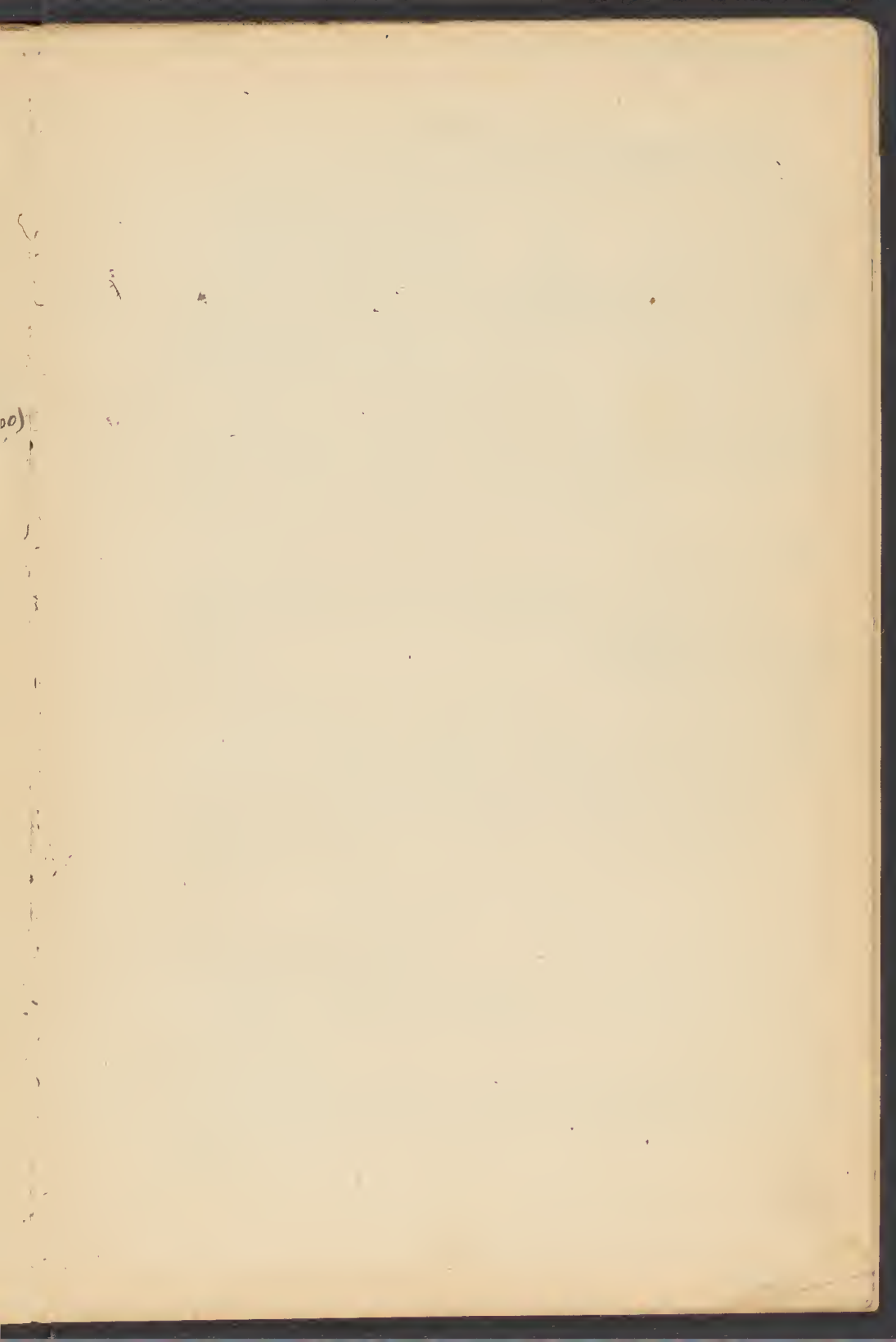
Rare. Fields, Norwood Road, Southwest Harbor (Rand, Anna H. Bee).

## LEGUMINOSÆ. PULSE FAMILY.

## TRIFOLIUM, L. CLOVER. TREFOL.

102 T. ARVENSE, L. RABBIT-FOOT CLOVER.

Old fields, roadsides, etc.; common. Naturalized from Europe. B.



T. - Percé, 4K<sup>+</sup> Sxj<sup>+</sup>

T. incarnatum, c. et S. k

9 ——— 4K (N. P. P. S.)

Lotus corniculatus, S.

- 103 T. PRATENSE, L. RED CLOVER. T  
 Fields and pastures; common. Naturalized from Europe. C. B. P. R. du L.,  
 Carl., Kc., B.R., G.R., Percé, D., G.B., Q.S., K., Met., Bie., et.
- 104 T. repens, L. WHITE CLOVER. T  
 Common everywhere in fields, pastures, and by waysides. C. B. P.  
 Naturalized from Europe, and possibly indigenous northward. R. du L., Q. S., K.,  
 Carl., Kc., B.R., Percé, Met., G.R., Bie., et., D., G.B., &c.
- 105 T. HYBRIDUM, L. ALSIKE CLOVER.  
 Roadsides and fields; becoming common. This beautiful B. P. R. du L.  
 clover was rare on the Island ten or twelve years ago. Since Q. S., K.,  
 that time it has appeared in increasing abundance every year. Met., G.R., et.  
 It does not seem, however, to be cultivated, or introduced inten- Carl.  
 tionally. Naturalized from Europe. Kc., G.B.,
- 106 T. AGRARIUM, L. HOP CLOVER.  
 Infrequent in fields and by roadsides. Southwest Harbor B. Sm.  
 (Rand, Harriet A. Hill);—Seal Harbor (Redfield);—Bar  
 Harbor (Mary Minot);—Beech Hill (Rand). Adventive from  
 Europe.
- 107 T. PROCUMBENS, L. LOW HOP CLOVER.  
 Common in fields and by roadsides. Naturalized from S. G.  
 Europe, but appearing indigenous. Small, simple, erect forms (H. H. Bay)  
 are common. This is "the real Irish Shamroek" of the news-  
 papers, a long account of which appears regularly every two or  
 three years. The error has been exposed so many times that it  
 seems almost needless to refer to it here. (See *Oxalis Acetosella*,  
 page 88.)

MELILOTUS, Juss. MELILOT.

- 108 M. OFFICINALIS (L.), Willd.  
 Sparingly introduced in grass fields. Seal Harbor (Lizzie Q. S. W.  
 Churchill). Adventive from Europe.
- 109 M. ALBA, Lam.  
 By waysides and in waste ground; more common than the B. P. R. du L.  
 last. Goose Cove (Wm. C. Lane);—Bar Harbor (F. M.  
 Carl. & F.P.)

Day); — Somesville (Annie S. Downs); — Seal Harbor (Redfield, Lizzie Churchill); — Eden; Fernald Point (Rand). Adventive from Europe.

**MEDICAGO, L. MEDICK.**

110 M. LUPULINA, L. BLACK MEDICK. SNAILS.

Sparingly introduced. Beach, Sea Wall (Rand); — Bar Harbor (Mary Minot). Adventive from Europe. *Sty. B. A. Mann*  
*BR, W. K. Mat. Carl*

**ROBINIA, L. LOCUST-TREE.**

111 R. Pseudacacia, L. COMMON LOCUST.

Escaped from cultivation to roadsides. Southwest Harbor; Somesville; Town Hill, etc. (Rand); — Seal Harbor (Redfield). Adventive from the Middle States.

112 R. viscosa, Vent. CLAMMY LOCUST.

Escaped from cultivation. Roadside, Northeast Harbor (Redfield). Adventive from the mountains of the Southern States. *W. K.*

**DESMODIUM, Desv. TICK TREFOIL.**

113 D. acuminatum (Mx.), DC.

Rare. Clearing, Northwest Arm woods, Great Pond (Annie S. Downs). Perhaps introduced, as this species has not as yet been found elsewhere on the island.

**VICIA, L. VETCH. TARE.**

114 V. SATIVA, L. COMMON VETCH, OR TARE. *Pred*

Common, especially on sea beaches. Naturalized from Europe. A very pubescent form with flowers often peduncled, Bar Harbor (Mary Minot). *Sty. B. P. Mann*  
*Dic. H.*

115 V. Cracca, L. *Indian Pea (W.C.) GR mature 90 T*

Frequent in fields. Southwest Harbor; Somesville, etc. (Rand); — Northeast Harbor (R. & R.); — Seal Harbor (Sara E. Boggs, Redfield); — Town Hill (Faxon & Rand); — Bar Harbor (Mary Minot, W. H. Manning). *C. Sty. B. P.*  
*R. A. H. A. K.*  
*R. H. C. Carl.*  
*LC. H. BR. Perci*

*D. H. H.*

*D*

med ——— YK<sup>+</sup>

Med ——— YK<sup>+</sup>

M. sativa. B.S.

— Astragalus elephas R. <sup>2</sup> Stradestri (M). Rest<sup>+</sup> BR<sup>+</sup>

A. Cooperi, hillsides, Gupé Basin (M).

— A. alpinus, Rest<sup>+</sup> (some white)

A. frigidos, var. americanus, LC<sup>+</sup> BR<sup>+</sup>

Oxytropis caucopetris caerulea, Cape St Louis (M).

— O. camp. johannensis ER<sup>+</sup> (R). Rest<sup>+</sup>

— Hyoscyamus borealis BR (Pax), GR (R). Rest<sup>+</sup> Br<sup>+</sup> BR<sup>+</sup> Peice<sup>+</sup> R. R<sup>+</sup>  
R (Scam)

— var. nigra, Giroux<sup>+</sup> <sup>Peice<sup>+</sup></sup> P. S. F. Carl. BR.

— var. leucospenna P. D. B. R. P. D. S. Carl. Peice<sup>+</sup>  
D.

— Atracypema, Giroux<sup>+</sup> P. S. Carl.

— hiruta, Giroux<sup>+</sup> Carl. YK.

116<sup>a</sup> var. aleutica.<sup>2</sup> P. Carl

var. insularis, Carl

P. americana. Q

P. avium. SP.

P. humilis GR(R)<sup>+</sup>. Rest. BR. KR.



LATHYRUS, L. EVERLASTING PEA.

116 L. maritimus (L.), Bigel. BEACH PEA. C. B. P. Rand. S. BH. Bic. GR.  
Very common on sea beaches. N. Carl. BR. YK M.L. T

117 L. palustris, L. MARSH PEA.  
Moist places near the sea; frequent. Aunt Mollys Beach; C. B. M. C. +  
Southwest Harbor; Sea Wall; Great Cranberry Isle (Rand); — Rdu L.  
Bar Island, Bar Harbor (F. M. Day); — Little Cranberry Isle; Eoc. Bic.  
Seal Harbor (Redfield); — Norwood Cove (M. L. Fernald). N. Carl. BR +  
D. Bar. T.

118 L. PRATENSIS, L. FIELD PEA.  
Well established in field, Bar Harbor (Mary Minot). Natu- Srg.  
ralized from Europe.

AMPHICARPÆA, Ell. HOG PEANUT.

119 A. monoica (L.), Ell.  
Damp thickets on Somes Stream (Rand). Apparently indige-  
nous, but perhaps introduced.

ROSACEÆ. ROSE FAMILY.

PRUNUS, L. PLUM. CHERRY.

120 <sup>m.L.</sup> P. Pennsylvanica, L. f. WILD RED CHERRY. C. B. P. Rand. Q. S.  
ma. T Rocky soil, woods and thickets; very common. N. GR. Bic. N. Carl.  
Pence BR. D. Bar. K.

121 P. Virginiana, L. CHOKE CHERRY.  
Waysides and thickets; frequent. Salisbury Cove, etc. C. M. C.  
(Rand); — Somesville (R. & R.); — Squid Cove (Redfield); — S. K.  
Bar Harbor, etc. (F. M. Day). Eoc. m. fl. June 28 GR. N. Carl.  
Pence, D. Bar. K.

122 P. serotina, Ehrh. WILD BLACK CHERRY.  
Not uncommon about Somesville (Henry C. Jones, and Srg. H. Jan. 27  
others); — Bar Harbor (W. H. Manning). Blooming later than  
the preceding, which it much resembles.

## SPIRÆA, L. MEADOW SWEET.

- 123 *latifolia*  
S. ~~salicifolia~~, L. COMMON MEADOW SWEET. C. St. J. B. Rdu L. Q. S. A.  
Low grounds and damp hillsides; common. *Bic Tad*
- 124 S. tomentosa, L. HARDHACK.  
Low grounds; common. *C. from Truro water.*

## RUBUS, L. RASPBERRY. BLACKBERRY.

- 125 R. odoratus, L. PURPLE FLOWERING RASPBERRY.  
Occasional by roadsides. Emery District; Southwest Harbor (Rand); — Hulls Cove (R. H. Day). An evident escape from cultivation. Adventive from beyond our limits. *Q.*
- 126 R. Chamæmorus, L. BAKED APPLE BERRY. *Makuc.*  
Rare. The Heath, Great Cranberry Isle (R. & R.). Said to grow in great abundance near Prospect Harbor, Gouldsborough, on the mainland. *Louisburg. Snake Coast (M), FP C. P. D. \**
- 127 *mult-* R. triflorus, Richards. WOOD RASPBERRY. *Perce' ac C. B. P. Rdu L. Q. S. E. P. N. + Dux P*  
Common in damp woods and in swamps. *Port. Bic. N. Carl. K. C. AR. FP.*
- 128 R. strigosus, Mx. WILD RED RASPBERRY *T Dak. md.*  
Very common everywhere, especially in clearings and old fields. *Port. St. Bic. N. Carl. K. C. B. D. Rice ac. R du L. Q. S. t C. B. AC. FP.*
- 129 R. villosus, Ait. HIGH BLACKBERRY.  
Waysides, fields, and thickets; very common. *Q.*

## 130 Var. frondosus (Bigel.), Torr.

Frequent. Northwest Cove; about Somesville and elsewhere (E. Faxon, R. & R.); — Bar Harbor (W. H. Manning).

## 131 Var. Randii, Bailey.

Low and diffuse,  $1^{\circ}$ - $2\frac{1}{2}^{\circ}$  high, the canes bearing very few and weak prickles, or often entirely unarmed, very slender and soft, sometimes appearing as if nearly herbaceous; leaves very thin and nearly or quite smooth beneath and on the petioles, the teeth rather coarse and unequal; cluster stout, with one or two simple leaves in its base, not villous, and very slightly if at all *Srg.*

— S. — R. du L. Q. Met<sup>+</sup> D.

S. — pink top (filipendula?) Q

— R. arcticus W. Waller (M). GR<sup>+</sup>

— R. Idaeus, P. Pie<sup>+</sup>

R. Millsparghii B. S. K.

R. villosus of Maine. K. S. G.

R. nigricans, K. S. G.

Alchemilla Hal.

G. Drummondii, SR<sup>+</sup>(R). Dartm<sup>+</sup> + Ste A. deo<sup>+</sup> R. (M), 2C<sup>+</sup>  
BR<sup>+</sup> DR<sup>+</sup>  
G. integrifolia Cocc

G. virginianum K. DAR<sup>++</sup>

G. macrophyllum, PD. BR. RduL. Met. Ca. Bic Percé 4C.

G. pulchrum Bic

Sibbaldia procumbens Mx & Cocc (M). Trac Nat. (1900)?

pubescent; flowers half or less the size of those of *R. villosus*; fruit small, dry, and "seedy." Woods, Southwest Valley road (Rand).

132 *R. Canadensis*, L. LOW BLACKBERRY. DEWBERRY.

Dry fields and roadsides; frequent. Q

133 *R. hispidus*, L. RUNNING SWAMP BLACKBERRY.

Low grounds and by waysides; common. C. K.

134 *R. setosus*, Bigel.

Stouter than *R. hispidus*, larger leaved, suberect or ascending, the older wood most densely clothed with slender, stiff, slightly reflexed bristles; not evergreen; flowers usually small; fruit reddish black, about 3" high; leaflets mostly acute, or short acuminate, generally 5 on the leaves of the sterile shoots, and 3 on the flowering branches, short petiolulate or sessile; pedicels and petioles often with a few weak bristles, pubescent. (See N. L. Britton in Bull. Torr. Bot. Club, xx. 278, whence the above description is mainly taken.) Not uncommon. Somesville; Beech Cliff; Oak Hill (Rand). CBK.

DALIBARDA, L.

135 *D. repens*, L.

Woods; common. Fertile flowers mainly, if not entirely, cleistogamous, appearing rather earlier than the more showy flowers. (See T. Meehan, Proceedings Acad. Nat. Sciences of Phila., 1892, p. 371.)

GEUM, L. AVENS.

136 *G. album*, Gmelin.

Thickets; rare. Wasgatt Cove (Wm. H. Dunbar); — Somesville (Rand); — near Somesville (Arnold Greene). Q.

137 *G. strictum*, Ait. MK

Rare. Somesville (Rand). Perhaps introduced. J.C. BR., Rdu Y. Q.

138 *G. rivale*, L. WATER AVENS.

Common in wet fields and meadows in the north and west of the Island. Also Long Pond meadows (Redfield); — meadow at Schooner Head (Robert B. Worthington); — Cold Brook (Rand). C. M. C. S. BR. D.

Ma  
Dak Fl. Ac. Seed

## FRAGARIA, L. STRAWBERRY.

- 139 *F. Virginiana*, Mill. *RdL* - *C. B. P. RdL. Q. S. K.* *Met. Gr. N.*  
Very common everywhere. *Bic Carl. LC. BR. Perc. D. Dark R.*
- 140 \* *F. vesca*, L.  
Fields and rocky places; rare. *Met. RdL. Bic. N. Carl. Lc. BR.*  
*mt. RdL - mtd - Perc' 4c T*
- POTENTILLA, L. CINQUEFOIL.
- 141 *P. Norvegica*, L. *RdL - T Perc' 4c*  
Fields and waste places; frequent. *C. B. P. RdL. Q. S. K. Srg. Gr. Bic.*
- 142 *P. Pennsylvanica*, L. *W. Carl. BR. D. 4c. mtd*  
Rare. North of the Island (Wm. C. Lane?).
- 143 *P. argentea*, L. SILVERY CINQUEFOIL. *C. S. K.*  
Dry ground; common.
- 144 *P. palustris* (L.), Scop. MARSH POTENTILLA.  
Bogs; rare. Somesville (Rand); — Great Cranberry Isle *C. B. Lc. D.*  
(Redfield). *Ca. Bic BR+ D*
- 145 *P. fruticosa*, L. SHRUBBY CINQUEFOIL. *mtd -*  
Infrequent. Asticou (Wm. C. Lane); — Sargent Mt. (Rand); *BR+ Srg (m).*  
— Jordan Mt. (Arthur Chase); — Southwest Harbor (Annie S. Downs); — Long Pond meadows (Redfield). Generally in dry *S. R. P. D. R.*  
ground. *Trac mtd (Aoc) NR Perc' Dark.*
- 146 *P. tridentata*, Ait. WHITE POTENTILLA. *Sometimes pink at D. Tad.*  
Shores and mountain summits; common. *C. B. P. PD. RdL. S. T*  
*Carl+Perc' mtd - mtd -*
- 147 *P. Anserina*. SILVER WEED. *GB. T*  
Salt marshes and muddy beaches; common on the coast. *D mtd*  
*Carl BR. S. R. Bic. C. B. Perc. RdL. X*
- 148 *P. Canadensis*, L. COMMON CINQUEFOIL. FIVE-FINGER.  
Fields and waysides; common. The typical form — which is low or dwarf, silky-hairy, with prostrate and decumbent stems — is rare. Northeast Harbor (Rand). The common form of the Island is var. *simplex* (Mx.), T. & G. This is less hairy and greener, larger, the ascending stem 1°-2° long, seldom if ever *C. Q. K.*  
*Srg*

F. Canadensis, C. G. Bie<sup>+</sup> Carl. 90 T

F. americana, P. D. G. R.

F. = Haystack, R. du L.

P. litoralis, R. du L.<sup>+</sup> 'Mont Louis (M). Bie<sup>+</sup> Carl. Trac. Hist (1900)  
T Percé<sup>+</sup> Barach<sup>+</sup> F. P. Tad. Riv. Blandie

P. arguta, Rest.

P. nivea, Bie<sup>+</sup> Percé<sup>+</sup>

var. concolor, P.<sup>+</sup> R. du L. Etg. D. M. L. Bar.

227

Sanguinolba canadensis. PD. BR. Rdu L. Q. GR. Bic. Peice. D.  
Dak<sup>+</sup> GR ml Rsd - T

a. "gryposepala. G.

R. blanda B. P. Rdu L. Root. GR. Bic. (often white) LC. Peice'  
Trac Mt. (1900) BR. Peice' DR. Dak. GC<sup>+</sup> ml. Rsd - T

R. ardensana. Peice<sup>+</sup>

R - Dauth<sup>+</sup>

R - Bic<sup>+</sup> GC<sup>+</sup> ~~ml~~ T



creeping; from a thicker and harder caudex; leaflets obovate-oblong, sometimes almost glabrous. (Torr. & Gray, Fl. N. A., i. 443; Gray, Man., 5th ed. 154.) Although intermediate forms between this and the type are found, it seems that this is a good variety. Observations at Mt. Desert and elsewhere do not accord with those of Dr. N. L. Britton (Bull. Torr. Bot. Club, xviii. 365).

AGRIMONIA, L. AGRIMONY.

150 <sup>strata</sup> ~~Eupateria~~, L. COMMON AGRIMONY. *Dall. Bic N. 2c.*

Rare. Woods, Roberts Point, Northeast Harbor; woods, Hadlock Upper Pond (Rand); — near Bar Harbor (W. H. Manning).

*Met. BR. 9c*

*10. 10. BR. Pdu K. a. K.*

ROSA, L. ROSE.

151 R. Carolina, L. SWAMP ROSE.

Swamps and borders of streams; frequent.

152 R. lucida, Ehrh. COMMON WILD ROSE.

Abundant everywhere, usually in dry ground. A form with downy petioles, in rich soil, north of Long Pond (Redfield).

*Carl. Barach.*

153 R. humilis, Marsh.

A plant answering to the description of this species has been found in woods, Somesville (M. L. Fernald). It is very desirable that the occurrence of this species should be further verified.

*4x+*

*C. B. McT. K. Esc. N+*

154 R. nitida, Willd. EARLY SWAMP ROSE.

In bogs throughout the Island, and on Cranberry Isles; common.

*C. S.*

155 R. RUBIGINOSA, L. SWEET BRIER.

Rare. Naturalized from Europe in fields remote from dwellings, High Head; Bass Harbor (Annie S. Downs); — Seal Harbor (Rand).

*P. Mc. S.*

*K.*

156 R. CINNAMOMEA, L. CINNAMON ROSE.

Stems 5°-8° high with brownish-red bark, and some straightish prickles; leaves pale, downy beneath; flowers small, pale

*C. B. a*

*Rdu L. 7*

*K*

pink, cinnamon-scented, mostly double, not showy. Gray, Field, For. & Gard. Bot., 127. Roadsides, escaped from gardens. Hulls Cove; Oak Hill (Rand). Introduced from Europe.

PYRUS, L. APPLE. PEAR.

157 P. MALUS, L. APPLE.

Infrequently spontaneous by waysides, in old fields, etc. Northeast Harbor; Somesville; Canada Valley; Sutton Island (Rand).

158 P. arbutifolia (L.), L. f., var. melanocarpa (Mx.), Hook.  
BLACK CHOKEBERRY.

Common in both wet and dry ground. Very variable in height from 4°-5° in swamps to 6'-1° on mountains. A double-flowered form, Breakneck Ponds (Rand). C. B.

159 *Forma pubescens.*

Pedicels and petioles very tomentose. Not uncommon. Somesville (R. & R., M. L. Fernald); — Bar Harbor (Mary Minot).

160 P. Americana (Marsh.), DC. MOUNTAIN ASH.

Rocky woods; common. Leaves commonly less taper-pointed, and a darker green in color than farther south. Somewhat approaching the next in general appearance. C. B. P. Rdu X. K. etc.

161 P. sambucifolia, Cham. & Schlecht. NORTHERN MOUNTAIN ASH.

Rare. Beech Cliff (E. Faxon); — Southwest Harbor (M. L. Fernald); — Beech Hill (Rand). C. B. P. Rdu X. K. etc.

CRATÆGUS, L. HAWTHORN. THORN.

162 C. coccinea, L. SCARLET-FRUITED THORN.

Infrequent. Little Harbor Brook Notch (Rand); — Denning Brook (M. L. Fernald).

163 Var. macracantha (Lodd.), Dudley.

Frequent by waysides, rocky banks, beaches, etc. The common Thorn of the Island. B.

*P. aucuparia*, Stg.

*C. oxyacantha*, Sp.

— *C. Fernaltii*, B.R. S. SR<sup>+</sup>(R) Rest.

C — !!!!!!!! Q Rdu L.

C. — S.

C	K	K.
C	K	K
C	K	K
C	K	K.

- 166, *A. rigosa* pa. C. NC. PD. abund (m). Sty. GR<sup>+</sup> Bic<sup>+</sup>  
Cal. LC BR. Pecc<sup>+</sup> G. Rda. mta.

- *A. rotundifolia*. BR. GR<sup>+</sup> Bic., Rest. W. Trac. mt. (1900) LC  
Pecc<sup>+</sup> G. m. Rda - T

*A. Pecc<sup>+</sup>*

*Sax. oppositifolia*, Guelapob L (Gardie), Pecc<sup>+</sup>

- *S. Arizona* Cap Bon Ami & R. Sta. desm (m), Rda L<sup>+</sup> Bic<sup>+</sup> Pecc<sup>+</sup>  
Trac. mt.

- *S. cuspidata* Cliff betw Map. P. & R. Sta. (m) Bic<sup>+</sup> T

*S. aizoides*, R. du L. ? Indian Com. & betw. Map. & Sta. A. desm (m).  
m. BR<sup>+</sup> Pecc<sup>+</sup>

*Parnassia palustris* BR. Michap L. & like Michap (m).

- *P. parviflora*, R. W. BR. re. Grand Michap & abund pr. Cap Rous  
to Sta. desm (m), GR. Cal. LC<sup>+</sup> BR<sup>+</sup> Pecc<sup>+</sup> DR. GR m. L.

*P. Ketzschii*, Malvern (m) LC<sup>+</sup> BR<sup>+</sup> DR<sup>+</sup> DaR. Gc<sup>+</sup> Rda.

*P. caroliniana*, Rest. GR. BR<sup>+</sup>

- *Rox. calcicola*, Trac. mt. (1800-1900)<sup>+</sup> Cal. W. R. BR<sup>+</sup> GR. Pecc<sup>+</sup>

DaR.

R. of. ex. Pecc<sup>+</sup> T<sup>+</sup>

AMELANCHIER, Medic. SHADBUSH. SUGAR PEAR.

- 164 A. Canadensis (L.), Medic. SHADBUSH. D. var. 4c. Rsa.  
 Rocky woods; common. Large trees of this species in Little C.B.A.S. K.  
 Harbor Brook Notch. K. Cal. Bic.
- 165 Var. oblongifolia, T. & G. C. M.S. BR.<sup>+</sup>  
 Common. Picea<sup>+</sup> D.

SAXIFRAGACEÆ. SAXIFRAGE FAMILY.

SAXIFRAGA, L. SAXIFRAGE

- 166 S. Virginiensis, Mx. EARLY SAXIFRAGE.  
 Rocky places; infrequent. Valley Cove; Dog Mt.; Flying Tadoussac<sup>+</sup>  
 Mt.; Beech Cliff (Rand); — Sargent Mt. (Greenleaf, Lane & K. Bic  
 Rand); — Schooner Head (Clara L. Walley); — ledges on road  
 between Seal Harbor and Hunters Brook (Redfield).

MITELLA, L. MITREWORT.

- 167 M. nuda, L. ma - D. var. T  
 Cool, mossy woods; rare. Hadlock Valley (Redfield); — Cold C.B.R.S.  
 Brook (R. & R.); — woods, head of Barcelona meadow (Rand). Rdu L.,  
 Picea<sup>+</sup> K. Bic<sup>+</sup>, K. Cal. R.C. 4c

CHRYSOSPLENIUM, L. GOLDEN SAXIFRAGE.

- 168 C. Americanum, Schwein. D. ma - T  
 Brooks and wet places; infrequent. On trail between Jordan  
 Pond and Northeast Harbor; Doctors Brook; Little Harbor M.S.  
 Brook; Canada Brook; Cold Brook (Rand); — Two Mile Brook  
 (M. L. Fernald). K. R.C. BR. var. 4R

RIBES, L. GOOSEBERRY. CURRANT.

- 169 R. oxycanthoides, L. WILD GOOSEBERRY. 4c mx T Bic<sup>+</sup>  
 Common, usually in rocky ground. C.B. K. R.C. Rdu L.  
 var. K. Cal. D<sup>+</sup> Tad.
- 170 R. lacustre, Poir. Picea<sup>+</sup> 4c mx  
 Rare. In wet pasture, Great Cranberry Isle (R. & R.). C.B.P. K. R.C.  
 var. Rdu L. S. Sg. R<sup>+</sup> Bic. K. Cal.  
 ma D.

171

*R. prostratum*, L'Hér. SKUNK CURRANT.

Common in rocky places.

f mta-  
BR, Ponce, D, San. Cal.  
C. Mc. Rdu L. GR, Bic. W. KC: 9C

172

*R. floridum*, L'Hér. WILD BLACK CURRANT.

Uncommon. Clearing, Canada Valley (Rand); — on Somes Stream (R. &amp; R., M. L. Fernald); — Beech Hill (Redfield). Without doubt introduced in the last-named station, and doubtless escaped from cultivation in the others.

C.  
X.

173

*R. rubrum*, L. RED CURRANT.

Sparingly escaped from cultivation. Beech Hill, etc.; near High Head, remote from dwellings (Rand).

B.

## CRASSULACEÆ. ORPINE FAMILY.

## SEDUM, L. STONECROP. ORPINE.

174

*S. ACRE*, L. MOSSY STONECROP.

Sparingly escaped from cultivation to roadsides, rocky places, etc. Roadside, Southwest Harbor (William H. Dunbar); — established in abundance on rocks, Southwest Harbor (Henry L. Rand); — among stones, near the cemetery, Somesville (Redfield). Naturalized from Europe.

M. Bic.

175

*S. TELEPHIUM*, L. LIVE-FOR-EVER.

Escaped from cultivation to roadsides and fields; frequent. Southwest Harbor; Fernald Cove; Great Cranberry Isle (Rand); — Hulls Cove (F. M. Day); — Somesville (R. &amp; R.). Adventive from Europe.

P. Mc.  
Meb.

Rdu L. W. D.

176

*S. Rhodiola*, DC. ROSEROOT.

Rare. Dog Mt. (Henry C. Jones, Rand); — Egg Rock (Henry Smith).

C.

## DROSERACEÆ. SUNDEW FAMILY.

## DROSERA, L. SUNDEW.

177

*D. rotundifolia*, L. ROUND-LEAVED SUNDEW.

Common in sphagnum bogs, and in wet places generally.

C. B. Mc. sp.

S. UR. GR<sup>+</sup> Rdu L. W. Cal. W. R. BR. F. E. mtd-

R. albinerium. A.C. etc. Pdu L. GR. Bic<sup>+</sup>. J. Carl<sup>+</sup> LC. BR. Pucci. D.  
DaR, 9C MK

ma - T

D. rot. comosa. GR<sup>+</sup>

D. longifolia. GR<sup>+</sup>

D. linearis GR<sup>+</sup>

*M. spicatum*. DAR<sup>+</sup> GR

*Lipp. maritima*. Saltmarsh, Cape Rous, Grand Vallée, &  
St. A. des Monts (M). DR<sup>+</sup> DAR<sup>+</sup> Makau GR



- 178 *D. intermedia*, Drev. & Hayne, var. *Americana* (Willd.), DC.C.S. 549,  
Bogs and borders of ponds; common.

HAMAMELIDEÆ. WITCH HAZEL FAMILY.

HAMAMELIS, L. WITCH HAZEL.

- 179 *H. Virginiana*, L.  
Occasional in woods and by roadsides. K.

HALORAGEÆ. WATER MILFOIL FAMILY.

MYRIOPHYLLUM, L. WATER MILFOIL.

- 180 *M. verticillatum*, L.  
~~Rare. Ripples Pond (M. L. Fernald, Rand).~~ B, DAK<sup>+</sup>

PROSERPINACA, L. MERMAID WEED.

- 181 *P. palustris*, L.  
Rare. Meadow at head of Northeast Creek (Rand, M. L. Fernald).

HIPPURIS, L. MARE'S TAIL.

- 182 *H. vulgaris*, L. n  
Uncommon. Shallow pools at Sea Wall and vicinity, near shore (Henry C. Jones, Elizabeth G. Britton, Rand); — marsh, Great Duck Island (Redfield); — not rare, Great Cranberry Isle (Rand, Redfield, Arnold Greene). BR<sup>+</sup>, LC<sup>+</sup>, DR<sup>+</sup>, DAK.

CALLITRICHE, L. WATER STARWORT.

- 183 *C. verna*, L.  
Frequent in muddy streams and ditches. Ditch, Bass Harbor (Rand); — Somes Stream (R. & R.); — Hunters Brook (Redfield); — Two Mile Brook; Northeast Creek (M. L. Fernald). C.B., H.S., \* B.C., T. Carl<sup>+</sup>, LC, BR, G.P., Percé, D. Dak, YR

## MELASTOMACEÆ. MELASTOMA FAMILY.

## RHEXIA, L. MEADOW BEAUTY.

## 184 R. Virginica, L.

Sandy or gravelly pond shores; infrequent. Duck Brook meadows; Breakneck Ponds; Great Pond (Rand); — Eagle Lake; Witch Hole (Redfield).

## LYTHRACEÆ. LOOSESTRIFE FAMILY.

## DECODON, Gmelin. SWAMP LOOSESTRIFE.

185 D. verticillatus (L.), Ell. *Nescea verticillata* (L.), HBK.

Rare. Swamp, Somes Pond (R. & R.).

## ONAGRACEÆ. EVENING PRIMROSE FAMILY.

## LUDWIGIA, L. FALSE LOOSESTRIFE.

## 186 L. palustris (L.), Ell. WATER PURSLANE.

Ahundant on flats, Ripples Pond (Rand). The only station S. Sm. thus far reported on the Island.

## EPILOBIUM, L. WILLOW HERB.

## 187 E. angustifolium, L. FIREWEED.

Common, especially in clearings and in burnt ground. C. Stg., B. P. Road.

711-  
Rsa-  
Forma albiflorum.

Flowers pure white. Little Cranberry Isle (William H. Dunbar).

## 188 E. lineare, Muhl. D.

Bogs and in wet ground; common. A simple form approaching *E. palustre*, Western Mt. (Rand) C. B., Jr., S.

## 189 Forma latifolium.

Leaves larger, often 4" broad and 2' long. Bog, north of Beech Hill (Rand).

E. latifolium, Dartm., Nagd. + Stea (P. m), BR<sup>+</sup> DR<sup>+</sup> Dar<sup>+</sup>  
9c<sup>+</sup>

E. alpinum mtd -

- E. alpinum fontanum, Mt. Albat on coast Mt. Lewis (N),  
GR<sup>+</sup> LC<sup>+</sup> 9c<sup>+</sup> GR Rld - T

- oliganthum B. N. C. Ca. N. C. Ca, Cal<sup>+</sup> AR<sup>+</sup> BR<sup>+</sup> GR.  
mtd -

E. angustifolium mtd<sup>+</sup>

<sup>D. 4K.</sup>  
— E. palustris, B. N. etc. Ca. S. Muhlent (m), GR, Br. cae<sup>+</sup> M<sup>+</sup> BR<sup>+</sup>

E. aben-occidentalis, Poire' P.

— Or. — P. sc<sup>+</sup>

— C. intermedia, N. Rdu L. S. N<sup>+</sup> Oak<sup>+</sup>

C. Lutchiana, Q. k.

190. *E. strictum*, Muhl.

Bogs and wet ground; frequent. Near Sea Wall; High Head; Southwest Harbor; Great Cranberry Isle (Rand); — Salisbury Cove (Clara L. Walley). A form said by Prof. Trelease to be "perhaps crossed with *E. lineare*," bog, north of Beech Hill (Rand). 4C. P. B. +  
4R +

191. *E. coloratum*, Muhl.

Apparently rare on the Island. Bog, north of Beech Hill; Southwest Harbor (Rand). B. 4R +  
BR +

A hybrid, *E. coloratum* × *E. adenocaulon*, roadside, south of Bubble Pond (Rand).

192. *E. adenocaulon*, Hausskn. Pace, D. B.R., Bic. J. L.C. S.R. Da R.

Common in low ground. C. B. AC. R. Rdu L. Q. S. K. 9C MR  
Rsa -

CENOTHERA, L. EVENING PRIMROSE.

193. *C. biennis*, L. COMMON EVENING PRIMROSE. Pace, D + 9C  
Rsa -

Fields, waysides, and sea beaches; common. Variable. A very pubescent form with long white hairs, Hadlock farm, near Seal Harbor (Redfield); — Seal Harbor (Sara E. Boggs). S. J. B. P. Q. S.  
Rdu L. K.

194. *C. pumila*, L. Pace, J. Cal. B.R. 9R. L.C. Dak.

Common in dry soil. Often much dwarfed. C. B. Rdu L. Q. S. S. J.

CIRCÆA, L. ENCHANTER'S NIGHTSHADE.

195. *C. alpina*, L. V. B.R. Pace, D. L.C. Da R. 9C

Common in damp, shady woods. C. S. J. B. AC. R. S. K. 9R. Bic. Cal.  
MR MR - T

CUCURBITACEÆ. GOURD FAMILY.

ECHINO CYSTIS, T. & G. WILD BALSAM APPLE.

196. *E. lobata* (Mx.), T. & G.

Extensively cultivated throughout the Island, and often spontaneous and persistent in waste places and by waysides. Bar Harbor; Southwest Harbor, etc. (R. & R.) Adventive from the West. B. Q. T.

## FICOIDEÆ.

## MOLLUGO, L. INDIAN CHICKWEED.

## 197 M. VERTICILLATA, L. CARPET WEED.

Rare. Bar Harbor (W. H. Manning). A very lately introduced weed on the Island. Probably naturalized from Tropical America.

## UMBELLIFERÆ. PARSLEY FAMILY.

## DAUCUS, L. CARROT.

## 198 D. CAROTA, L.

Old fields; occasional. Long Pond (Redfield); — Sea Wall (Rand); — Bar Harbor (Mary Minot). YK.

## CONIOSELINUM, Fisch. HEMLOCK PARSLEY.

## 199 C. Canadense (Mx.), T. &amp; G.

Wet woods and meadows; frequent. Seal Harbor; Long Pond C. S. P. Pic. meadows (Redfield); — Hadlock Upper Pond; Little Harbor Rdu L. O. Brook Valley, etc. (Rand). *Gr. Pic. small (m) S. G. Root, N. Carl. K. B. R. Perc. D. G. T*

## HERACLEUM, L. COW PARSNIP.

## 200 H. lanatum, Mx.

Frequent, especially near sea beaches. Somesville (R. & C. M. P. Pic. R.); — Fernald Point; Southwest Harbor; Sea Wall; Great Rdu L. K. Cranberry Isle, etc. (Rand); — Baker Island (Redfield). *Ther. R. R. E. Gr. Pic. N. Carl. K. B. R. Perc.*

## PASTINACA, L. PARSNIP.

## 201 P. SATIVA, L.

Roadsides, waste grounds, and old fields; frequent. Northeast Harbor (Henry C. Jones); — Long Pond; Somesville; Southwest Harbor; Bar Harbor; Canada Valley, etc. (Rand). Naturalized from Europe. *Carl.* C. S. P. B. M. O. S. K.

Angelica atropurpurea, Grant Casca R. S. Lc. Bk.,  
DAR<sup>+</sup> T

Anthriscus Cerefolium, Matau.

Conium maculatum L.



LIGUSTICUM, L. LOVAGE.

- 202 L. Scoticum, L. SCOTCH LOVAGE. *D. Yk. Dak. MK*  
 Sea beaches, banks and rocks near salt water; common. *C. P. Rau X, S. SP.*  
*T. Pie. N. Cal. BR. GR. Perce + Esc. Cal.*

CŒLOPLEURUM, Ledeb.

- 203 *actaeifolium, Cr. R.*  
 C. Gmelini (DC.), Ledeb. — *Archangelica Gmelini, DC. C. Rau X, SP.*  
 Frequent on the seashore in damp ground. Plant very  
 strongly aromatic. *abund. fr. Grand Stump to Ste. A. de M. (N). Esc.*  
*N. Dak.*

SIUM, L. WATER PARSNIP.

- 204 S. cicutæfolium, Gmelin. · *C. B. N. Cal. S. SP. BR. GR. Esc. Y.*  
 Brooks and pond shores; common.

CARUM, L. CARAWAY.

- 205 C. CARUI, L.  
 Common in fields and waste places about settlements. Natu- *C. St. J. B. de*  
 ralized from Europe. *Rau X, A. S. 413. N. GR. Cal.*  
*Perce Pie. BR.*

CICUTA, L. WATER HEMLOCK.

- 206 C. maculata, L. *D. Dak. MK*  
 Wet grounds; common. Roots poisonous. *C. B. P. A. S. SP.*  
*Perce Pie. BR. GR. N. Cal.*

- 207 C. bulbifera, L.  
 Wet places; infrequent. Somesville; Northeast Harbor *P. D. Ca.*  
 (Rand). Also poisonous. *BR. Dak. MK*

HYDROCOTYLE, L. WATER PENNYWORT.

- 208 H. Americana, L.  
 Wet places, — woods and meadows; frequent. Hadlock Upper *C.*  
 Pond; High Head; Southwest Valley road; Town Hill, etc.  
 (Rand); — Somesville (R. & R., M. L. Fernald). Stems sto-  
 loniferous, especially in late summer.

## SANICULA, L. BLACK SNAKEROOT.

209

S. Marylandica, L. *notaw* *gc* *rsa* - T

Wet woods and meadows; infrequent. Little Harbor Brook *C. B. PD,*  
 Notch (R. & R., Arnold Greene); — Cold Brook; Long Pond  
 meadows (Rand). *Rest. G. Bie. A. LC. BR<sup>+</sup> Pice<sup>+</sup> D. R. Da R<sup>+</sup>*

## ARALIACEÆ. GINSENG FAMILY.

## ARALIA, L. WILD SARSAPARILLA.

210

A. racemosa, L. SPIKENARD.

Woods; infrequent. Little Harbor Brook Notch (Rand, Red-*Carl.*  
 field); — Intervale Brook (F. M. Day); — Hadlock Valley (G.  
 Hunt); — Southwest Valley road; Wild Cat Valley (Rand); —  
 roadside east of Seal Harbor; Bubble Pond (Redfield).

211

A. hispida, Vent. BRISTLY SARSAPARILLA.

Open rocky places and burnt clearings; common. *C. B. Rdu L. S. K.*  
*Bie. Da R<sup>+</sup> Tad. A. K*

212

A. nudicaulis, L. WILD SARSAPARILLA.

Rich rocky woods; common. *C. B. Rdu L. S. Com. in T*  
*Net. G. Bie. A. Carl. LC. BR. D. Da R.*  
*Pice. Gc R ma-*

## CORNACEÆ. DOGWOOD FAMILY.

CORNUS, L. CORNEL. DOGWOOD. *ma*

213

C. Canadensis, L. BUNCHBERRY. DWARF CORNEL. *ma* *Pice. D. Da R. T*

Very common; woods and everywhere. Often blooming until *C. B. P. Rdu L. S.*  
 late fall. *Bie. A. Carl. BR. Net. Com. in LC. G. R<sup>+</sup> Gc*

214

C. circinata, L'Hér. ROUND-LEAVED CORNEL.

Woods and thickets; infrequent. Echo Notch (R. & R.); — *B. Rdu L. A. K.*  
 Little Harbor Brook Notch; High Head; Northwest Cove;  
 Somesville (Rand). *Stalychian<sup>+</sup> Bie<sup>+</sup> Rest. A<sup>+</sup> Carl. Pice<sup>+</sup>*

215

C. alternifolia, L. f. ALTERNATE-LEAVED CORNEL.

Woods and copses; common. *ma. Rsa-* *C. B. S. K. Pice<sup>+</sup>*

- Osmorhiza divaricata, <sup>ma - T</sup> Rdu L. Rest<sup>+</sup> Bic<sup>+</sup> Carl<sup>+</sup> KC. BR. Peice<sup>+</sup> Gc  
 — O. obtusa. GR<sup>+</sup> Bic<sup>+</sup> et<sup>+</sup> Carl<sup>+</sup> KC. BR. Peice<sup>+</sup> Gc <sup>MA<sup>+</sup> ma - T</sup>  
 — O. longistylis. Rest<sup>+</sup>  
O. brevistylis. et<sup>+</sup>

— C. succica Rdu L. Ca.

S. C. stolonifera, P. Rdu L. Q. <sup>Case (m)</sup> Rest, GR, Bic, et. Carl. KC. BR.  
 Peice, D da R. Gc md. Rba - ma - T  
 K.

V. Opulus DC (R) Dak. Rsa. mtd -  
Rest. infl. June 28. N. Cal. LC. BR. DR. 9C

V. pauciflorum GR. (R) Guép. (pemis. n). LC+BR. DR.  
Rdu K. Bic. Cal+Percé Dak. 9C YR Rsa. mtd -

Sym. racemosus! Bic+

Symphoricarpos racemosus, Q. S. K. Tad.  
var. laevigatus.

## DIVISION II. GAMOPETALE.

## CAPRIFOLIACEÆ. HONEYSUCKLE FAMILY.

## SAMBUCUS, L. ELDER.

216 *S. Canadensis*, L. COMMON ELDER.

Frequent in rich soil, but nowhere very abundant. Somesville; Northeast Harbor; Southwest Harbor; Gilmore Meadow, etc. (Rand); — Long Pond meadows, etc. (Redfield); — Bar Harbor (F. M. Day). *C.B.P.*  
*Q.*  
*Pembroke.*

217 *S. racemosa*, L. *S. pubens*, Mx. RED-BERRIED ELDER.

Rocky places and waysides; more common than the last. A form with yellowish colored fruit, near Northeast Harbor (Theodore G. White). *C.B.P.*  
*Rdu L. S.*  
*BR.* *SP (R)* *Reck. Pric. V. Carl.* *T*  
*MR* *D.* *D.R.*

## VIBURNUM, L. ARROW WOOD.

218 *V. lantanoides*, Mx. HOBBLE BUSH.

Common; rocky woods, — especially on mountain brooks, — and sometimes in low ground. *C.*

219 *V. acerifolium*, L. MAPLE-LEAVED VIBURNUM.

Thickets and borders of woods; frequent; rare in the southeastern part of the Island.

220 *V. dentatum*, L. ARROW WOOD.

Rare. Meadow at head of Northeast Creek (Rand, Redfield, M. L. Fernald).

221 *V. cassinoides*, L. WITHE-ROD.

Rocky woods, moist banks, and wet places; common. Also on mountain summits. *FP.* *T. Blanche Ho.*  
*C.B. W.C.*  
*Carl. Trachut (Hoo)* *S.K.* *SP (R)*

## LINNÆA, GRONOV. TWIN FLOWER.

222 *L. borealis*, GRONOV. TWIN FLOWER.

Woods, especially in sandy soil; common. Also Cranberry Isles and Duck Islands (Redfield). *md*  
*ma - T* *Pucc. Esc. Pic. v. G.H. Carl. L.C.*  
*BR. D. D.R. K* *C.B.P.*  
*Rdu L. S.*

*ma - T* LONICERA, L. HONEYSUCKLE.

- 223 *L. ciliata*, Muhl. FLY HONEYSUCKLE. *Bar R. Pucc' D*  
 Rocky woods; infrequent. Hadlock Upper Pond; Sargent Mt. *C. N. S.*  
 Gorge; Little Harbor Brook Notch; Northwest Arm woods, etc. *Gr<sup>+</sup> Bic<sup>+</sup> J.*  
 (Rand); — Squid Cove (Wm. C. Lane); — Hadlock Valley; *Caul. LC.*  
 Jordan Pond road; Bear Island (Redfield); — Norway Drive *BR. Gc*  
 (Mary Minot); — Bald Porcupine Island (W. H. Manning).

- 224 *L. cærulea*, L. MOUNTAIN FLY HONEYSUCKLE.  
 Damp ground; frequent. *D. P. RR<sup>+</sup> Mtn. C. N. S. Rdu L. S. GR<sup>+</sup>*

DIERVILLA, Adans. BUSH HONEYSUCKLE.

- 225 *D. trifida*, Mœnch.  
 Common in rocky ground; woods and clearings. *C. N. Rdu L. Q. S. Met. Caul. LC. BR. Pucc' Oak. Gc GR. Bic<sup>+</sup> J.*

RUBIACEÆ. MADDER FAMILY.

HOUSTONIA, L.

- 226 *H. cærulea*, L. INNOCENTS. BLUEETS. QUAKER LADIES. *C.*  
 Common in moist grassy places.

MITCHELLA, L. PARTRIDGE BERRY.

- 227 *M. repens*, L.  
 Thickets and woods, especially under Coniferæ; frequent. *C. RR.*

GALIUM, L. BEDSTRAW.

- 228 *G. VERUM*, L. YELLOW BEDSTRAW.  
 Well established for years in fields, Bar Harbor (Mary Minot,  
 M. L. Fernald). Adventive from Europe.

- 229 *G. MOLLUGO*, L.  
 Established in field, Bar Harbor (Mary Minot). Adventive  
 from Europe. A somewhat pubescent form with revolute,  
 sharply pointed leaves, Bar Harbor (Mary Minot).

L. sempervirens. S.

d

L. invaluata Metapedia + Ste Anna R (M).

LC<sup>+</sup> BR (very scarce) GC<sup>+</sup>

Cephalanthus. Milltown, Me.

*G. erectum*, Hudson Metapedia (JRC)

231. *G. Claytoni*. C. B. Q. S. Rad.†. Bic.†. Cal. D<sup>+</sup> YK<sup>+</sup> T  
*G. trifidum subbiflorum*, GR<sup>+</sup>

— *G. Labradoricum*. BR. Cal. GR<sup>+</sup> D. St. g. Escum<sup>+</sup>. AR<sup>+</sup> BR<sup>+</sup>  
DaR.

334 *G. palustre*. St. B. Pte. Rad. Q. S. BR. Bic.†. Cal. BR.  
Pace 177.

*G. Kamtschaticum*, Mt. Albert (M)

— *Valeriana pylaica*, SR<sup>+</sup>(R). AR BR.

*Knautia arvensis*, Carl<sup>+</sup>

*Eup. agentoides*. v. Trac. Mt. (1900) LC. BR. Pace<sup>+</sup> DaR<sup>+</sup>  
and Rd.



230 *G. Aparine*, L. CLEAVERS. MR  
 Rare; yet in abundance on beach, Fish Point, Great Cranberry Isle (Rand). Probably introduced. Cal<sup>+</sup>

231 *G. trifidum*, L. SMALL BEDSTRAW.  
 Common in wet ground. Variable. Ca. D. Bar.

232 Var. *pusillum*, Gray.  
 Not uncommon in cold sphagnum bogs. Little Cranberry Isle; Great Duck Island (Redfield); — Southwest Harbor (M. L. Fernald). X.C. RR<sup>+</sup> BR<sup>+</sup> Rh<sup>+</sup> C.B. J.C.K. Ca<sup>+</sup> SP.

233 *G. asprellum*, Mx. ROUGH BEDSTRAW. Da R. G.C. T  
 Roadsides and low thickets; frequent. Robinson Mt. (Wm. H. Dunbar); — Somesville; Emery District (R. & R.); — Sea Wall; Oak Hill, etc. (Rand). D. Gaspé canal (M). X.C. S. K. W.<sup>+</sup> BR.

334 *G. triflorum*, Mx. SWEET-SCENTED BEDSTRAW. T  
 Woods; common. X.C. C. P. J.C.K. Rdu X. K. W. Cal. RR BR.  
 Rsa. Mtda - Percé Bic. D. Da R. G.C.

COMPOSITÆ. COMPOSITE FAMILY.

EUPATORIUM, L. THOROUGHWORT.

335 *maculatum*  
*E. purpureum*, L. JOE-PYE WEED. Percé Da R<sup>+</sup> G.C. T  
 Rsa. Met. X.C. W. BR  
 Low grounds; brooksides, and meadows; frequent. T. C. B. P. D. Q. S.

236 *E. perfoliatum*, L. BONESET. THOROUGHWORT. RR. Bic Met Cal.  
 Low grounds and wet roadsides; common.

SOLIDAGO, L. GOLDEN ROD.

237 *S. squarrosa*, Muhl.  
 Rare; roadsides and thickets. Emery District (Rand, Annie S. Downs); — foot of Western Mt. (Rand); — "Salisbury Woods" (Clara L. Walley). B. Q.

238 *S. latifolia*, L. G.C. Rsa (Jone)  
 Damp, low woods, especially by brooksides; frequent. Head P. D. BR. Q.  
 of Hadlock Upper Pond; foot of Western Mt.; Little Harbor K. Cal.

Brook Notch; Beech Mt. Notch; and elsewhere (Rand); — path to Bubble Pond; path to Newport Pond; Hadlock Valley (Redfield); — Dog Mt., in dry, open ground (Rand).

239 *S. bicolor*, L. WHITE GOLDEN ROD.

Roadsides and fields; common.

*Sag. Falmouth, Vt. K.*

240 Var. *concolor*, T. & G.

Roadside, south of High Head. The plant, however, is not a very well marked form of this variety.

*R. Mt. Desm (m) Bic.*  
*RR. P. Mt. D. Har.*

241 *S. Virgaurea*, L.

Stem erect, sparingly branched, 4'-24' high, glabrous or pubescent with curled hairs; leaves linear or lanceolate-oblong, 1'-4' long, obscurely toothed, obtuse or acute; heads crowded, 4" long, shortly peduncled, golden yellow; bracts of the involucre linear, acute, glabrous, green, margins scarious; ray flowers 10-12, spreading; disk flowers 10-20; achene pubescent, pappus white. Hooker, Fl. Brit. Isles, 205. (See also Bull. Torr. Bot. Club, xx. 207.) Hio, Southwest Harbor; foot Pemetic Mt.; Great Cranberry Isle; path on Jordan Mt.; Frenchman Camp road (Rand); — Seal Harbor (R. & R.). This Island form is very like var. *angustifolia*, Gaud., and var. *ericetorum*, DC., of the Old World, with lower leaves oblong lanceolate, long petioled, and upper leaves narrower. There are other forms, with narrower, thinner leaves, approaching *S. humilis*, Pursh, but hardly to be placed under that species. Seal Harbor (Redfield); — foot of Western Mt.; Great Cranberry Isle; Dog Mt.; east peak of Western Mt.; Frenchman Camp road (Rand).

242 Var. *Randii*, Porter.

More or less glutinous; stems stout, erect, 1°-2° high, often dark purple, puberulent, or sometimes glabrate below; radical and lower leaves obovate or oblanceolate, acute, serrate, — cauline lanceolate or elliptical-lanceolate, sparingly serrate or entire, glabrous; inflorescence an ample branched panicle or loose virgate thyrse; heads 3" or more long; outer scales of the involucre mostly ovate or lance-ovate and bluntish, sometimes almost linear and acute, inner ones oblong-linear, yellowish,

*S. bic. lanata*. L. C<sup>+</sup> BR 80<sup>+</sup> 100<sup>+</sup> 1/11 Rsa-

*240a. macrophylla*. C. <sup>Percé</sup> Rd. Rd. L. D. *Very com (m)*. ER<sup>+</sup> Br<sup>+</sup>  
Cal. BR D<sup>+</sup> Sak. 1/11 ml

*S. chrysocarpus* Rsa-

*S. decumbens* - mla - Percé

var. *alpina*. Mt Albert (m). This is new.

*S. multiradiata*, var. ~~*serpentinum*~~ alb. (mla) mla



with scarious margins and acute or acuminate tips; achenes pubescent or nearly smooth. Bull. Torr. Bot. Club, xx. 208. Abundant; dry fields, roadsides, and among rocks, especially in the southern part of the Island. Also found on the mountains, distinct, or imperceptibly passing into the next variety. Frenchman Camp; Seal Harbor (R. & R.);—Sea wall, Long Pond; Northeast Harbor; Southwest Harbor; The Cliffs, Seal Harbor; Hunters Beach Head; Long Pond meadows; Sargent Mt.; Dog Mt.; Pemetic Mt.; Western Mt.; Great Cranberry Isle, etc. (Rand).

243

Var. *monticola*, Porter. *S. puberula*, Nutt., var. *monticola*, Porter, Bull. Torr. Bot. Club, xix. 129.

Stems 3'-12' high, often slender; inflorescence a short, compact, or sometimes loose thyrses, 2'-4' long; heads 1½"-3" long; scales of the involucre variable, ovate and bluntish or oblong and obtuse, inner ones not elongated. Bull. Torr. Bot. Club, xx. 209. Common on mountain summits, and occasionally at lower altitudes, even at the sea level. Sargent Mt.; Pemetic Mt.; Jordan Mt.; Western Mt.; Dog Mt.; Hunters Beach Head; Seal Harbor; Great Cranberry Isle (Rand).

244

Var. *Redfieldii*, Porter.

Very glutinous; stems stout and rigid, 16'-18' high; leaves thickish or coriaceous; branches of the panicle starting from half-way down the stem or even from the base, strict, erect, bearing short clusters of heads in the upper bracts; heads small, 2"-3" long; scales of the involucre short, more or less scarious. Its inflorescence is strikingly like that of *S. juncea*, Ait., var. *ramosa*, Porter & Britt. Bull. Torr. Bot. Club, xx. 209. Rare. Seal Harbor, etc. (Redfield);—foot of Western Mt.; Great Cranberry Isle (Rand).

245

*S. sempervirens*, L. SEA GOLDEN ROD. mX

Frequent on sea cliffs; common in salt or brackish marshes, and on muddy beaches. C. Redf.

246

*S. puberula*, Nutt.

Dry, open ground, and by waysides; common;—less frequent in woods. Very variable in form of inflorescence, etc. A form B.K.

S. K. fr. (m). B.C. 47

with panicle much-branched, branches erect, much resembling *S. juncea*, Ait., var. *ramosa*, Porter & Britt., in clearings, Sunken Heath, and elsewhere (Rand). A form with inflorescence axillary, much prolonged, Emery District, and elsewhere (Rand).

247

*S. rugosa*, Mill. *S. altissima*, T. & G., non L.

Fields, thickets, and roadsides; common.

LC. BR. D<sup>+</sup> DAR<sup>+</sup>  
JC, Rd L, Q. S. K.

248

*S. neglecta*, T. & G. SWAMP GOLDEN ROD.

Swamps, bogs, and meadows. Especially common in sphagnum bogs.

249

Var. *linoides* (T. & G.), Gray.

Sphagnum bogs; infrequent. Great Heath; The Heath, C. Great Cranberry Isle (Rand).

250

*S. juncea*, Ait. EARLY GOLDEN ROD.

Dry ground; common. The earliest flowering species of the genus on the Island. A form more or less pubescent, Hio, Southwest Harbor (Rand). A form approaching var. *ramosa*, Porter & Britt., Jordan Mt. (Rand).

B. S. K.

251

*S. serotina*, Ait.

Rare. Copses, Long Pond meadows (Redfield); — Salisbury Cove (Clara L. Walley).

252

Var. *gigantea* (Ait.), Gray.

Copses and low grounds; frequent. A low form, Long Pond meadows (Redfield). A form approaching *S. rupestris*, Raf., Long Pond meadows (Redfield).

253

*S. Canadensis*, L.

Roadsides, fields, and thickets; common.

BR. D<sup>+</sup> DAR<sup>+</sup> LC

254

Var. *glabrata*, Porter.

Low, slender 2°–3° high, stems glabrous or glabrate below, puberulent above; leaves numerous, crowded, linear-lanceolate, tapering into a long acumination, upper ones entire, lower ones with a few sharp serratures, scabrous on the veins beneath;

BR.  
B. Rd L, Q.  
S. K. LC<sup>+</sup>  
BR<sup>+</sup>

*uliginosa* B. S.

JR. BR. GR FP.

*S. elongata*

Rsa-

var. *sejunctus*. Srg.

var. *velutinus*. Bic. Carl<sup>t</sup>.

var. *maculatus*. K.



panicles small, with filiform branches; bracts acute or acutish. Roadsides and thickets; infrequent. Near Hadlock Brook, Wasgatt Cove (Rand); — road between Frenchman Camp and Hadlock farm; Frenchman Camp; above Long Pond meadows (Redfield).

255 *S. nemoralis*, Ait.

Dry grounds; very common. A form with axillary, much prolonged inflorescence, clusters distant, — between Southwest Harbor and Bass Harbor (Rand).

256 *S. lanceolata*, L.

Roadsides and fields; very common. *B. Rd. L. Q. X. Bacc. (m).*  
*xc BR. d+*

ASTER, L. ASTER.

257 *A. macrophyllus*, L. GREAT-LEAVED ASTER.

Woods and clearings; common. Flowering more abundantly when in clearings or in open ground. Often appearing with few or none of the characteristic root-leaves. To this form, it seems, should be referred specimens collected near Bubble Pond (Redfield), and named by Dr. Asa Gray *A. Herveyi*. *Rdu L. Q.*

258 *A. radula*, Ait. ROUGH-LEAVED ASTER.

Low grounds and borders of swamps; common. A form approaching var. *strictus*, Gray, roadside between Town Hill and Emery District (Rand). *B.S. d+*

259 *A. undulatus*, L.

Rare. Frenchman Camp road (R. & R.).

260 *A. cordifolius*, L. HEART-LEAVED ASTER. *Rdu R-*

Wooded banks and waysides; rare. Somesville; Juniper Cove; near head of Northeast Harbor (Rand). *xc. Q. X. Carl.*

261 *A. Lindleyanus*, T. & G. *Persi*

Dry ground; rare. Southwest Valley road; High Head (Rand); — Thompson Island (Annie S. Downs); — Frenchman Camp road (Redfield). *Belg+ GR+ d+ xc*

*(Pauit Faus (?)), Carl.*

262

*A. polyphyllus*, Willd.

Infrequent and local; in greatest abundance on the mountains. Dog Mt.; Jordan Mt.; Pemetic Mt.; Long Pond meadows (Rand); — Frenchman Camp; on Hunters Brook, near Frenchman Camp (R. & R.). The forms from Jordan Mt. are much dwarfed.

263

*A. ericoides*, L.

Rare. Wayside, road to Jordan Pond (R. & R.).

264

*A. vimineus*, Lam.

Rare. Frenchman Camp (Rand). Q

265

*A. diffusus*, Ait.

Fields, thickets, and waysides; very common. Variable. A B.O.S. form with purple ray flowers and panicles less elongated, Little Harbor (Rand). K

266

Var. *thyrsoides*, Gray.

Rare. Seal Harbor (R. & R.).

267

*A. Tradescanti*, L.

Rare. Southern foot of Western Mt. (Rand).

268

*A. paniculatus*, Lam.

Moist ground; frequent and widely distributed, especially in the northern part of the Island. Shore of Northwest Arm, Great Pond; Liscomb Brook, and elsewhere in Emery District; Oak Hill and northward; Somesville; Ripples Pond; Bass Harbor; road to Great Pond, Southwest Harbor, etc. (Rand).

269

*A. salicifolius*, Ait.

Low grounds and roadsides; frequent. Southwest Harbor; southern foot of Western Mt.; Somesville; Beech Hill; Oak Hill; Town Hill; Bass Harbor; Northwest Cove; Eden P. O., etc. (Rand).

270

*A. junceus*, Ait.

Rare. Roadside between Southwest Harbor and Bass Harbor; between Town Hill and Emery District (Rand). BRT

a-foliaceus - Ma.

a. — LC. RR.

a. GR

a. GR

a. GR

a. — DR

a. — DR.

var. villicaulis. BR<sup>+</sup>

a — GR<sup>+</sup> Pucc<sup>+</sup> Dact R<sup>+</sup>

271

*A. longifolius*, Lam. Not of Gray, Manual, 5th ed.

Low grounds; infrequent. Roadside thicket near Juniper Cove; Cliff walk, Seal Harbor; Meadow Brook, Oak Hill; roadside between Town Hill and Emery District; Eden P. O.; Somesville (Rand). BR<sup>+</sup>  
D. R.

272

*A. Novi-Belgii*, L.

Abundant everywhere in both wet and dry ground. Very variable in foliage, size of heads, color of ray flowers, etc. The common form has smooth, thick leaves. A form with very narrow leaves, Somesville; Bass Harbor; Emery Cove; foot of Western Mt.; Pond Heath, etc. (Rand). Forms of this species apparently pass into *A. puniceus*, L., var. *lucidulus*, Gray. C. W. C.  
Q. S. K.  
BR.  
D<sup>+</sup>

*Forma albiflorus*.

Ray flowers pure white. Cliffs east of Seal Harbor (Rand). S.

*Forma roseus*.

A salt marsh form, low, only 1° high; stems dark purple; leaves linear, thick, with purple midrib, the lower stem leaves bearing abundant axillary clusters of small leaves; rays bright pink. Near Bass Harbor (Rand).

273

Var. *litoreus*, Gray.

Salt marshes or wet shores; infrequent or rare. Mouth of Northeast Creek; Somes Harbor; Great Cranberry Isle (Rand). Forms approaching this variety are abundant, but the variety itself is seldom found.

274

*A. patulus*, Lam.

Rare. Meadow, head of Northeast Creek (M. L. Fernald); — Town Hill road, Somesville (Rand).

275

*A. tardiflorus*, L.

Rare. Wood road to Broad Cove; road from Town Hill to Thomas Bay (Rand). M<sup>+</sup>

276

*A. puniceus*, L.

Common in wet ground. W. C. C., Q. S. K., BR., Percé, D., D. R.

see T

277

Var. *lucidulus*, Gray.

Frequent in wet places and moist ground. Seal Harbor (Redfield); — Town Hill; Emery Cove; Youngs District; Eden P. O.; etc. (Rand). Apparently more abundant in the northern part of the Island.

278

Var. *lævicaulis*, Gray.

Infrequent. Beech Mt. Notch (Rand); — stream south of Bubble Pond (R. & R.).

279

A. *umbellatus*, Mill. *Diplopappus umbellatus*, T. & G. R.H. (Lond)

Roadsides, fields, wood clearings, and dry places; very common. S. K. S.W. X.C. BR. D. DaR<sup>+</sup> T. B.R. Q.

280

A. *acuminatus*, Mx. R.S. M. T.

Woods and clearings; common. C. B. R. S. K. X.C. BR. DaR<sup>+</sup> T. P.

281

A. *nemoralis*, Ait.

Peat bogs and open swamps; common. Also summit of Green Mt. in boggy depressions (Rand.) S.

282

Var. *Blakei*, Porter.

Stems 1°-2½° high, simple, or often branched, inclined to be flexuous; leaves not crowded as in the type, 2½'-3' long, ½'-¾' broad, lanceolate, coarsely toothed or entire, margins not revolute, thinnish; heads few or several, sometimes solitary, showy; rays lilac-purple. — Intermediate between *A. nemoralis* and *A. acuminatus*, to both of which some of its forms make a near approach. North border of Somes Pond (Rand).

## ERIGERON, L. FLEABANE.

283

E. *Canadensis*, L. HORSEWEED. BUTTERWEED. S.W. M.K.

A common weed by roadsides and in waste places, becoming yearly more abundant everywhere on the Island. S. K. Bie. Carl. B. J.C. Q.

284

E. *strigosus*, Muhl. SMALLER DAISY FLEABANE.

Fields and waysides; common. Rays sometimes more or less deeply tinged with violet. D<sup>+</sup> S.W. S.W. S.W.

*A. angustis*, Ca<sup>+</sup>

*A. subulatus*, B. <sup>+</sup>

*E. philadelphicus*, B. P. Potc, Q. SR(R) SKJ, Met. Bic.  
N. Carl. Trac mt. LC<sup>+</sup> BR. Percé, D.R. Dak<sup>+</sup> Gc  
Rsa-T

- *E. hyssopifolius*, Pl. SR<sup>+</sup>(R) Rest<sup>+</sup> LC<sup>+</sup> BR. D.R. Percé da R.  
Gc M. Rsa-

- *E. acris*, Cap. Mont (m), Bic<sup>+</sup> LC<sup>+</sup> Percé Gv-T

*E. acris dasebachensis*, Mont Louis (m), Carl.

- 285<sup>a</sup> A. canadensis. C. B. P. S. Rdu L. X. GR<sup>+</sup> Bic. N.  
 — A. neobivica. C. B. P. S. Rdu L. X. Met. Bic. N. Carl.  
 Pucc BR.  
A. neglecta. X.  
 — A. neo-gaspensis GR<sup>+</sup> Bic<sup>+</sup> N<sup>+</sup> Carl<sup>+</sup> Pucc  
 — A. petaloides GR<sup>+</sup>  
Anaph. occidentalis. GR(R) GC<sup>+</sup> Pucc, LC MA Rdu

G. norvegicum. M. Albert (m).

G. sylvaticum. B. to N. P. Pucc N. Carl. GC<sup>+</sup> BR. GR.  
 Pucc, D. GB. Oak<sup>+</sup> GC

Inula Helenium Q. X. Carl. N.R.

290<sup>41</sup>  
A. trifida. Q.



ANTENNARIA, Gærtn. EVERLASTING.

- 285 A. plantaginifolia (L.), Hook. MOUSE-EARS. LADIES' TOBACCO.  
Dry soil; common.

ANAPHALIS, DC. PEARLY EVERLASTING.

- 286 A. margaritacea (L.), Benth. & Hook. *Antennaria marga-*  
*ritacea* (L.), R. Br. PEARLY EVERLASTING. 9B.T  
Dry soil, clearings, etc.; common. C.B. JC., Redf. Q.S. X.  
BR. Pease D. 9C

GNAPHALIUM, L. CUDWEED.

- 287 G. polycephalum, Mx. SWEET EVERLASTING.  
Dry fields; common. Very sweet-scented. Ca. X., BR.

- 288 G. decurrens, Ives.  
Fields, in sandy soil; infrequent. Sawyer Cove; Southwest Harbor; Seal Harbor (Rand); — Little Cranberry Isle (Redfield).

- 289 G. uliginosum, L. LOW CUDWEED. D. Pease  
Roadsides; common in damp soil. Also Green Mt. (Redfield). C.B.P.Q.  
9R. BR. X. Carl.

AMBROSIA, L. RAGWEED.

- 290 A. artemisiæfolia, L. RAGWEED.

A common weed in waste places. Many people suppose its pollen an effective cause of hay fever, and find relief on the Island owing to the supposed absence of this plant. This relief however, it seems, must be attributed to some other cause, as the plant in question grows everywhere, — even on the Cranberry Isles, — in more or less abundance, and is spreading with the increasing settlement of the Island.

RUDBECKIA, L. CONE FLOWER.

- 291 R. hirta, L. YELLOW DAISY. BLACK-EYED SUSAN. MK

Naturalized in grass fields from the West. Very common about Somesville and Bar Harbor, and more or less abundant all over the Island. A fastigiate form, Seal Harbor (Redfield).

just appd. in C. abund. E. of Rothesay. B. JC. S. X.  
Rdn L. X., BR. 9R. S\* 9B. 9C.

## HELIANTHUS, L. SUNFLOWER.

## 292 H. annuus, L. COMMON SUNFLOWER.

Waste places, Fernald Point; Bar Harbor (Rand); — Seal Harbor (Redfield). Escaped from cultivation.

## BIDENS, L. BUR-MARIGOLD.

## 293 B. frondosa, L. BEGGAR TICKS. DEVIL'S PITCHFORK.

Low grounds, wet places, and damp roadsides; common, and spreading. *HR. GR.*

## 294 B. cernua, L. SMALLER BUR-MARIGOLD.

Wet places; frequent. Sawyer Cove; Mill Cove; Norwood Cove; Valley Cove; northern foot of Beech Hill; Southwest Harbor, etc. (Rand); — Somesville (R. & R.); — Great Cranberry Isle (Redfield). *B.T. FP+*

## ANTHEMIS, L. CHAMOMILE.

295 A. COTULA, L. *Maruta Cotula* (L.), DC. MAYWEED.

Common by roadsides and in waste places. Naturalized from Europe. *S. W. K. YK+*

## ACHILLEA, L. YARROW.

296 A. Millefolium, L. COMMON YARROW. *YK+ GC MF T*

Dry soil; common in settlements, and often remote from dwellings. Naturalized from Europe, but also indigenous. *C. B. Red X. Q. S. T. GR.*

297 *Forma rosea.* *Be H. Cal. X. BR. Paul D.*

Ray flowers rose to deep rose-red in color. Frequent. Northeast Harbor: Fernald Point road; southern foot of Western Mt.; Southwest Harbor, etc. (Rand); — Somesville (R. & R.). *R. T. Paul X.*

298 A. Ptarmica, L. SNEEZEWORT. *SB+*

Doubtless an escape, although established for years by roadside spring, far from dwellings, Southwest Harbor (Rand). Adventive from Europe or farther north.

*H. tuberosus*. W.

*B. hypubouca*. BR<sup>+</sup>. OR<sup>+</sup> de R. 4R

*B. tripartita* Perce<sup>+</sup>

*Matricaria discoidea*. C. Stg. W.

*M. inodora*. M. Stg. abund. B. Pte. Pdu L. S. Carl. Bic. iR.  
BR. 9R.

— *A. lanulosa*. P. Carl<sup>+</sup>

a. S<sup>+</sup> 4R<sup>+</sup>

a. ma-

711  
- C. Leucanthemum, DC<sup>+</sup> Met. GR. Rdu L. ch. Carl<sup>+</sup> BR.  
Perc<sup>+</sup> ac

C. Parthenium, K. 4K<sup>+</sup>

304<sup>11</sup> A. canadense P.<sup>+</sup> <sup>mf.</sup> Com. (m) Perc<sup>+</sup> Carl. Perc<sup>+</sup>

A. boreale Cliffs of mont Louis summit (m).

A. biennis Pte., W. BR.

A. boreale, var. krumfeldii, Metc -

- A. absinthium, DC. etc. ch. Carl<sup>+</sup> BR.

Tussilago Q. good fl. Stg. June 27. 4K<sup>+</sup>

304<sup>11</sup> S. sylvestris, C. Stg. S. K. 9B<sup>+</sup>

304<sup>10</sup> S. viscosus, K. Met. ch.

- S. Balsamita, GR<sup>+</sup> (K) Rect. <sup>DR<sup>+</sup></sup> Perc<sup>+</sup> BR<sup>+</sup> Perc<sup>+</sup> DR.

305<sup>0</sup> S. Robbinsii, C. Stg.

S. Jacobaea, Londonderry, S. 4K<sup>+</sup>

- S. discoides, R. Stea. des m. (m) Perc<sup>+</sup> Carl<sup>+</sup>

S. Pseudo-Arnica, Very abund. on coast (m) FP<sup>+</sup> T

CHRYSANTHEMUM, L. OX-EYE DAISY.

299  
MR T C. LEUCANTHEMUM, L. <sup>was, *seriophthalma* f. *flum.*</sup> DAISY. WHITE-WEED. 9B.  
Fields and meadows; very common. Naturalized from Europe. A form with tubular ray flowers, Owens (Rand). C.B.P.Q. S.T.  
Met. 9R. Bic. 4. Cal. 4R. LC. Peice' BR. D. 9c

TANACETUM, L. TANSY.

300  
T T. VULGARE, L. COMMON TANSY. GOLD BUTTONS. 9B.  
Near old dwellings, and by waysides; frequent. Jordan Bic 9R.  
Pond; Beech Hill; "Sound"; Great Cranberry Isle, etc. BR.  
(Rand); — Bass Harbor Head; Somesville (R. & R.); — mouth  
of Duck Brook (R. H. Day). Naturalized from Europe. C.B.P.Q. S.T.  
Peice' D. W. 4R.

ARTEMISIA, L. WORMWOOD.

301  
A. VULGARIS, L. MUGWORT. MR T  
Occasional in waste places. West side of Southwest Harbor; C.B.P.Q. 10c  
Hulls Cove (Rand). Adventive from Europe. Met Bic. Cal. Q. Rd. L.

302  
A. Stelleriana, Besser. FALSE DUSTY MILLER. P. Blandie  
Rare. Beach, Mt. Desert Narrows (R. & R., Annie S. T.  
Downs). Adventive from the north. FPT

PETASITES, Gærtn. SWEET COLTSFOOT.

303  
P. palmata (Ait.), Gray. Oak, 9c 1ma -  
Wet ground; rare. Cold Brook (E. Faxon, R. & R.). B.P. 4c. 9R+  
LC. BR. Peice' D. 4+ Cal.

SENECIO, L. GROUNDSEL.

304  
S. VULGARIS, L. COMMON GROUNDSEL. 9B MR T  
Waste grounds and sea beaches; frequent, especially near C.B.P.Q.S.  
the seashore and on the islands. Also, Green Mt. (Annie S. Peice' D. 4c  
Downs). On Flying Mt. is found a low, slender form with W. Cal.  
aromatic foliage (Rand). Naturalized from Europe. Met. 9R.

305  
S. aureus, L. GOLDEN RAGWORT.  
Rare. Meadow, High Head (Rand). BR+ 9R+ Rc+ BR+ Oak,  
9c Rd -

S. — BR.

S. — Peice'

## ERECTITES, Raf. FIREWEED.

306 E. hieracifolia (L.), Raf.

Wood clearings, especially in recently burned ground; common.

## ARCTIUM, L. BURDOCK.

307 A. LAPPA, L. *gc mlt T*

Common in waste places, especially about old dwellings. *B. Pdu L.*  
Naturalized from Europe. *W. Carl. Perci* *Q. S. W.*

## CNICUS, L. THISTLE.

308 C. LANCEOLATUS (L.), Hoffm. COMMON THISTLE. *Perci 4B Mt*

Pastures, fields and roadsides; common. Naturalized from *C. Stg. B. W.*  
Europe. *Evergreen at R. S. R. W. Carl. B. R. D. G. R. S. T*

309 C. ARVENSIS (L.), Hoffm. CANADA THISTLE. *Perci D 4B Mt T*

Pastures, fields, and roadsides; too common. Naturalized *C. B. Pdu L.*  
from Europe. *do. W. Carl. B. R. G. R. G. R. S. W. T.*

310 *Forma* ALBIFLORUS.

Flowers pure white. Southwest Harbor (Rand); — Seal Har- *4B*  
bor (Wm. C. Lane).

## CENTAUREA, L. STAR THISTLE.

311 C. CYANUS, L. BLUEBOTTLE. BACHELOR'S BUTTON.

Occasionally escaped from cultivation to roadsides and waste  
places, Southwest Harbor, etc. (Rand, Annie S. Downs). *Pdu L. S. Carl*

## ARNOSERIS, Gærtn. LAMB'S SUCCORY.

A small, annual, scapigerous herb; juice milky; leaves all radical; heads few, small; peduncles clavate, fistular; involu-  
cral bracts in one series, many, after flowering arching over the  
fruit; receptacle flat, naked, pitted; corollas all ligulate,  
yellow; anther cells not tailed; upper part of style and its  
short obtuse arms hairy; fruit obpyramidal, furrowed and  
ribbed, not beaked, crowned by a coriaceous angular ring.



Trasposifon pratensis. B. W. commoner than Leont.

314 C. rare.

314<sup>a</sup> var. pratensis. Everywhere. St g. P. Rd. BR. GR. YR<sup>+</sup>

315. C. just appd. locally.

315<sup>a</sup> H. floribundum C. in 1901 3ft across, in 1903 acres solidly covered

to many scattered for miles! <sup>Met GREY</sup> St g. B. abund. from Metapetra

t. P. N. Cal. LC BR. etc

H. pratense

H. vulgatum. most abund. pl. of gravelly banks, Q.  
Cape Rasie to Matam (M). Rd. L. Rd.

H. umbellatum, com. on Caspé coast (M).

H. procalabrum. LC<sup>+</sup>



312 A. PUSILLA, Gärtn.

Glabrous or slightly hairy; heads campanulate, 4" long, inclined in bud; involucrel bracts herbaceous, puberulous, linear-lanceolate, tips contracted, obtuse; fruit pale brown, rugose between the ribs; scapes 4'-12' high, many, slender, rigid, sparingly branched above; leaves 2'-4' long, narrow, obovate-spatulate or lanceolate, toothed. Hooker, Fl. Brit. Isles, 229. Rare. Field, Southwest Harbor (M. L. Fernald). Fugitive from Europe.

CICHORIUM, L. CHICORY.

313 C. INTYBUS, L. RSM - T EB.

Rare. Formerly in some abundance by roadside, Clark Point, Southwest Harbor (John L. Wakefield, Rand). About 1887 the plant was apparently exterminated in this station. It still persists, however, in another locality on the Point, although in no abundance. Adventive from Europe. One pl. noticed near Boundary Camp.

MC, Q. W. K. St. Bie, Thet. A. + R. GR.  
LEONTODON, L. FALL DANDELION.

314 L. AUTUMNALIS, L. W. 4K<sup>+</sup>

Fields and roadsides; very common. A form with much aborted ray flowers, Emery District; Southwest Harbor; Great Cranberry Isle (Rand). Naturalized from Europe.

Puce Bie GR.

HIERACIUM, L. HAWKWEED.

315 H. AURANTIACUM, L. FLAMING HAWKWEED.

Fields and meadows; becoming frequent. Beech Hill (R. & R.); — High Head meadow (Rand); — near Ship Harbor (Faxon & Redfield); — near Otter Creek (Theodore G. White). Naturalized from Europe.

316 H. Canadense, Mx. RSM Puce D. GR<sup>+</sup> MR T GREAT HAWKWEED.

Woods and roadsides; frequent. PD, BR, Pdu X. Q. S. GR. + Red. MC BR<sup>+</sup> Rest + Qc

317 H. paniculatum, L.

Rare. Clearing on roadside by Denning Pond; east side of Northeast Harbor (Rand).

318

*H. scabrum*, Mx. ROUGH HAWKWEED.

Woods and roadsides; common.

BR. D. T

C. B. P. Q. R. S. K. A. Carl. Lc.

PRENANTHES, L. (*Nabalus*, Cass.) RATTLESNAKE-ROOT.

319

*P. serpentaria*, Pursh. *Nabalus Fraseri*, DC.

Dry soil; common.

*trifoliolata*, Steud.C. Q. S. K. D<sup>+</sup>

320

Var. *nana* (DC.), Gray. *Nabalus nanus*, DC.

Common on mountain summits and rocky places. Green Mt. (Wm. C. Lane); — Sargent Mt.; Pemetic Mt.; Jordan Mt.; Beech Cliff; Sutton Island, etc. (Rand).

321

*P. altissima*, L. WOOD RATTLESNAKE-ROOT.

Rich damp woods; frequent. A form with dark purple

pidulous stems, Southwest Valley road (Rand).

Lc.

BR. Percé

Rdu L.

TARAXACUM, Haller. DANDELION.

322

*T. officinale*, Web. *T. Dens-leonis*, Desf. DANDELION.

Becoming common; roadsides and waste places, — sometimes even in woods. Naturalized from Europe.

Lc. BR. Percé D.

GR. MA

C. B. P. Q

Rdu L. S. W. K.

GR.

LACTUCA, L. LETTUCE.

323

*L. sativa*, L. GARDEN LETTUCE.

Persistent for years in waste ground, Fernald Point (Rand). Escaped from cultivation.

324

*L. canadensis*, L. WILD LETTUCE.

Roadside and clearings; frequent.

D. Rdu L. S.

N. Carl. Lc. BR.

325

*L. integrifolia*, Bigel.

Dry soil; infrequent. Northeast Harbor (John L. Wakefield, Rand); — Somesville; Frenchman Camp (Redfield).

B. K. Carl.

326

*L. leucophæa* (Willd.), Gray. BLUE LETTUCE.

Low grounds, roadsides, and waste places; common.

Rdu T

C. B. S. K. Lc.

BR. Percé D. D. K.

YK<sup>+</sup>

P. racemosa, R du L. Mouth of Restigouche opp. Campbellton (M).  
Rest. GR. + BR.

P. altiss. var. hispidula York<sup>+</sup> Matam 9C

322<sup>2</sup> var. palustre C. B. PD<sup>+</sup> GR<sup>+</sup>(R). Yk<sup>+</sup>

322<sup>1</sup> erythropernum C.

— P. alpinum. Mt Albert (M).

T. ceratophorum GR<sup>+</sup> LC<sup>+</sup> BR<sup>+</sup> Peice<sup>+</sup> 9C<sup>+</sup> man R&H-

L. hirsuta, K. RSA/Hous

*C. arcensis*, Brno. Q. S. W. 549. Br. N. Carl. BR. 9R. D. 413.

mf Rsa - T

*L. Kalmii*, N. C. etc. Q. 9R. Br. Met. BR<sup>+</sup> DR. 11R.

Mataue

## SONCHUS, L. SOW THISTLE.

327

## S. OLERACEUS, L. COMMON SOW THISTLE.

Waste places; rare. Sawyer Cove; Fernald Point (Rand); — High Head (Annie S. Downs); — Clement farm, Seal Harbor (Redfield). Naturalized from Europe. *W. K. K.†*

328

## S. ASPER, Vill. SPINY SOW THISTLE.

Waste places; very common. Naturalized from Europe. *A. W. K.†*

## LOBELIACEÆ. LOBELIA FAMILY.

## LOBELIA, L.

329

## L. cardinalis, L. CARDINAL FLOWER.

Rare and local. Borders of streams, Somesville and vicinity (Rand and others); — also on brook flowing into Seal Cove Pond (Annie S. Downs).

330

## L. spicata, Lam.

Grassy places; frequent. Somesville; Wasgatt Cove (John L. Wakefield); — fields above Long Pond (Redfield); — Seal Harbor (Sara E. Boggs); — Northeast Harbor; Southwest Harbor (Rand); — "Mt. Desert" (F. M. Day). *K.†*

331

## L. inflata, L. INDIAN TOBACCO.

Dry fields and roadsides; common. Flowers pale blue, violet, or whitish. *S. V. P.†*

332

## L. Dortmanna, L. WATER LOBELIA.

Common on borders of ponds and often of meadow streams. Usually in shallow water; sometimes immersed.

## CAMPANULACEÆ. CAMPANULA FAMILY.

## SPECULARIA, Heist. VENUS'S LOOKING-GLASS.

333

## S. perfoliata (L.), A. DC.

Rare. Dry pasture on road to Mason Point, Somesville (R. & R.). Possibly introduced.

## CAMPANULA, L. BELLFLOWER.

- 334 C. RAPUNCULOIDES, L. <sup>3+</sup>  
Occasionally by roadsides, etc.; escaped from cultivation. *Sig. Q. S. K.*  
Oak Hill (Redfield, Annie S. Downs); — High Head; Somesville (Rand). Adventive from Europe. *Bic. 4R.*
- 335 C. rotundifolia, L. BLUEBELL. HAREBELL. <sup>mt. + sea</sup>  
Cliffs on seashore, and frequently on the mountains; common. *mt. + sea*  
*Pace + sea* *Dak. G. T*  
*C. Sig. P. Q.*
- 336 *Forma albiflora.* <sup>Kc+ D+ Bic. BR+</sup> *RduL, 9R+ Cul.*  
Flowers white. Ovens (Annie S. Downs); — Otter Cliffs (Annie S. Downs, Rand).

## ERICACEÆ. HEATH FAMILY.

## GAYLUSSACIA, HBK. HUCKLEBERRY.

- 337 G. dumosa (Andr.), T. & G. BOG HUCKLEBERRY.  
Frequent in sphagnum bogs. Bog near Somesville (William H. Dunbar); — Somes Pond; Sunken Heath; The Heath, Great Cranberry Isle; Great Heath (Rand).
- 338 G. resinosa (Ait.), T. & G. COMMON HUCKLEBERRY.  
Dry or wet ground; common. *C. S. K.*

## VACCINIUM, L. BLUEBERRY. CRANBERRY.

- 339 V. Pennsylvanicum, Lam. DWARF BLUEBERRY. *D. 913. J.P. B...*  
Very common everywhere in dry soil; abundant on the hills *9R. T*  
and mountains. Variable. A form with bluish-red and white *C. B. Mc. Q.*  
fruit, Jordan Mt. (Raud). A well marked form with dark blue- *RduL. S. K.*  
green leaves, reddish shoots, and dark blue fruit with little or *Bic.*  
no bloom, Great Cranberry Isle (R. & R.).
- 340 V. Canadense, Kalm. CANADA BLUEBERRY. *913. 9R. P...*  
Common in woods or moist ground. Fruit ripening later *C. B. Mc. RduL. S. K.*  
than that of the preceding species, and more acid. *Bic+ Cal. BR. S. J.P. N. m...*

C. Trachelium. Q.

C. Scheuchzeri. Mt. Albert (M).

C. glomerata Rdu L<sup>t</sup>. Trois Pistoles

var. — P.<sup>+</sup>

339 C.

339<sup>a</sup> var. angustifolium, C. very local. Mt Albert (M)

var. nigrum. K.

V. uliginosum Shickshock Mts. Grouse Cr. Rd 2 (m)  
mtd.

V. caespitosum Mt Albert (m) mtd

V. ovalifolium Mt Albert (m)

V. sp. m<sup>+</sup>intermedium JR<sup>+</sup> BR.

a. alpina : Mt Albert (m)



341

**V. corymbosum**, L. HIGH-BUSH BLUEBERRY.

Swamps and low thickets; frequent. Somesville and vicinity (R. & R.);—Witch Hole (Rand);—Hulls Cove (F. M. Day, J. H. Curtis).

342

Var. **amœnum** (Ait.), Gray.

Somesville (Redfield, M. L. Fernald);—Breakneck Ponds (Rand).

This species and variety seem to be rare except in the central and northern parts of the Island.

343

<sup>var. *minuta*, Led.</sup>  
**V. Vitis-Idæa**, L. MOUNTAIN CRANBERRY. *Car - 48*

Common everywhere, shore and mountains, and on the islands. *C. S. J. K.*  
Fruit much used for sauce, largely taking the place of *V. macro-* *R. du L. S.*  
*carpon* for this purpose. *Bie. 98. in cold cedar swamp. D*

*ma -  
R. A. -*

344

**V. Oxycoccus**, L. SMALL CRANBERRY.

Common in sphagnum bogs, and in wet places on mountains and shore. Also on Cranberry Isles. *K. ma -*

*C. B. J. K.  
S. 98+*

345

**V. macrocarpon**, Ait. LARGE CRANBERRY.

Bogs; common, but rarely in great abundance. Also on Cranberry Isles, whence their name.

*C. B. S.*

*ma -* **CHIOGENES**, Salisb. CREEPING SNOWBERRY.

346

**C. serpyllifolia**, Salisb. *C. hispidula* (L.), T. & G. *C. J. K. S. 98+*

Deep mossy woods; common. *K. Car, D. 98*  
*K. B. R. Phil. Dak +*

**ARCTOSTAPHYLOS**, Adans. BEARBERRY.

347

**A. Uva-ursi** (L.), Spreng. COMMON BEARBERRY.

Open, rocky places; infrequent and local. Browns Mt. (William C. Lane);—Beech Cliff; Dog Mt. (Rand);—Barr Hill; Newport Mt. (Redfield);—“Somes Sound, Southwest Harbor” (Elizabeth G. Britton);—Robinson Mt. (Anna H. Bee);—near Bar Harbor (W. H. Manning). *Bie*

*J. K. X  
98+ Bie+*

*ma -*

## EPIGÆA, L. TRAILING ARBUTUS.

348 E. repens, L. MAYFLOWER. TRAILING ARBUTUS. <sup>Bar</sup> ma-

Frequent in woodlands, but seldom very abundant. <sup>S. K. GR<sup>+</sup></sup>  
<sup>BR. D. YK JR</sup>

## GAULTHERIA, L. AROMATIC WINTERGREEN.

349 G. procumbens, L. CREEPING WINTERGREEN. CHECKERBERRY.

Common everywhere in woods, shady places, and clearings. <sup>C. S. K. JR<sup>+</sup></sup>

## ANDROMEDA, L.

350 A. polifolia, L. <sup>glaucescens, Link</sup>

Bogs; infrequent. Swampy roadside, south of Salisbury Cove; Hadlock Upper Pond; Sunken Heath (Rand);—Pond Heath (Greenleaf, Lane & Rand);—Great Heath (Redfield). <sup>40 to 90</sup>  
<sup>R. D. X.</sup>  
<sup>ma-</sup> <sup>JR D JR<sup>+</sup></sup>

## CASSANDRA, Don. LEATHER LEAF.

351 C. calyculata (L.), Don.

Bogs and marshy borders of ponds; common. <sup>C. B. K. S. JR. K.</sup>  
<sup>JR. D. JF.</sup>

## KALMIA, L. AMERICAN LAUREL.

352 K. angustifolia, L. SHEEP LAUREL. LAMBKILL. <sup>ma-</sup> <sup>JF.</sup>

Hillsides, pastures, and thickets in dry or damp ground; common. Also abundant on the mountains. <sup>C. B. K. S. K.</sup>  
<sup>R. D. L. D.</sup>

353 K. glauca, Ait. PALE LAUREL. <sup>JR.</sup>

Sphagnum bogs; frequent. Pond Heath (Greenleaf & Rand, E. Faxon);—Freeman Heath (Faxon & Rand);—Sea Wall Swamp; Sunken Heath; Great Heath (Rand);—bog by roadside west of Sea Wall; The Heath, Great Cranberry Isle (R. & R.). <sup>ma-</sup> <sup>JF.</sup>  
<sup>C. B. K.</sup>  
<sup>R. D. S.</sup>  
<sup>JR</sup>

## RHODODENDRON, L. ROSE-BAY. AZALEA.

354 R. Rhodora, Don. *Rhodora Canadensis*, L. RHODORA.

Common in damp thickets and swamps, and in wet or even in dry places on the mountains. Very variable in color of flowers. Sometimes three to five feet high. <sup>C. B. S. K.</sup>

Cassiope hypnoides not Albert (m).

Laisdeuria procumbens not Albert (m).

Phyllosoce caerulea not Albert (m).

R. lapponicum not Albert (m).

*L. palustre*, var. *dilatatum*. Matane to R. Blande. Ca.  
Dac. Yr. md.

- 359<sup>a</sup> var. *pumila*. K. Rdu R. S. BR. GR<sup>+</sup> Bic. Cal. + R. D.  
matane ma

- *P. minor*. Rdu L. <sup>Gape</sup> Daim. Matallent (m). Bic<sup>+</sup> + R. BR.  
matane SAR<sup>+</sup> IC ma.

*Forma albiflora.*

Flowers pure white. Southwest Harbor (Annie S. Downs).

## LEDUM, L. LABRADOR TEA.

353 *L. latifolium*, Ait.

Common in bogs, and often in dry ground. Not very abundant in the southern part of the Island, but common on the Cranberry Isles. *W. H. B. R. D. F. P.*

*C. B. K.*  
*S. K. G. R.*

## CLETHRA, L. WHITE ALDER.

356 *C. alnifolia*, L. SWEET PEPPERBUSH. WHITE ALDER.

Rare. Wet ground near Hadlock Upper Pond (Annie S. Downs). Reported to grow also in meadow on Denning Brook, and on Great Cranberry Isle.

## CHIMAPHILA, Pursh. WINTERGREEN.

357 *C. umbellata* (L.), Nutt. PRINCE'S PINE. PIPSISSEWA. WINTERGREEN. *Bic<sup>+</sup> N. Can. Kc. DR. GR. BR.*

*W. H. B. R. D. F. P.*

Dry woods; frequent.

## MONESES, Salisb. ONE-FLOWERED PYROLA.

358 *M. grandiflora*, Salisb. *M. uniflora* (L.), Gray. *M. alba*

Deep mossy woods all over the Island; frequent. Also on the Cranberry Isles (Redfield). *GR. BR. R. H. K. Bic<sup>+</sup> N. Can. DR. Kc. F. M. D.*

*9c*

*ma - fe. Aug 16*

## PYROLA, L. SHINLEAF.

359 *P. secunda*, L. ONE-SIDED PYROLA. *Redd BR. DR. K. Can. 9c*

T Rich woods; frequent. *R. H. K. C. B. K. S. D. GR. R. H. K. W. B. K. Kc.*

360 *P. chlorantha*, Swz. *Kc. DR. N. BR. F. M. D. R. H. K. Bic<sup>+</sup> Can. 9c*

Deep woods; infrequent. Little Harbor Brook Notch; Cold Brook (Rand); — Bar Island, Bar Harbor (F. M. Day); — Scal Harbor (Redfield); — near Beech Hill (Arnold Greene).

*psa*

361

*P. elliptica*, Nutt. 4c

Common in woodlands.

B. C. S. Bie. N. Cal. Xc. Psa -

362

*P. retundifolia*, L. ROUND-LEAVED PYROLA.

Occasional in dry woods. Great Pond; Salisbury Cove (Henry C. Jones); — Seal Harbor (Redfield); — Cold Brook (Rand).

C. B. K.  
N

## MONOTROPA, L. INDIAN PIPE. PINESAP.

363

*M. uniflora*, L. INDIAN PIPE.

Damp woods; not uncommon.

C. S. Bie. Cal. G. R. Penci D. Ma -

364

*M. Hypopitys*, L. PINESAP.

Dry woods; infrequent. Hadlock Upper Pond; eastern side of Browns Mt. (William H. Dunbar); — Cold Brook (Rand); — Green Mt. Gorge (F. M. Day); — Western Mt. (Annie M. Rand); — Northwest Arm woods (R. &amp; R.).

mta -

Bie. Cal.

G. R.

Very abundant on slope of alberta m.

## PLUMBAGINACEÆ. LEADWORT FAMILY.

## STATICE, L. MARSH ROSEMARY.

365

*S. Limonium*, L., var. *Caroliniana*, Gray. SEA LAVENDER.

Muddy beaches and salt marshes; frequent. Somes Harbor and shores at head of Somes Sound (Henry C. Jones, R. &amp; R.); — near Ovens; Bass Harbor; High Head, and northern shores of the Island (Rand); — Great Cranberry Isle (R. &amp; R.).

B. C. S.

S. P.

Bie m. l.

## PRIMULACEÆ. PRIMROSE FAMILY.

## TRIENTALIS, L. STAR-FLOWER.

366

*T. Americana* (Pers.), Pursh. STAR-FLOWER. STAR ANEMONE.

Low woods; common. 4c mta -

D. R. B. R. Penci D. G. Bie. et.

C. B. P. m. l.

S. G. R. (R)

## LYSIMACHIA, L. LOOSESTRIFE.

367

*L. quadrifolia*, L. WHORLED LOOSESTRIFE.

Open woods, hills, and roadsides; common.

— P. asarifolia, DC. <sup>Dak. 4C</sup> Rdu L. K. Gr. Bic<sup>+</sup> i. Cal. LC. BK<sup>+</sup> Percé. D.  
Rda. , metane

— P. asarifolia incarnata, DC. <sup>+</sup> Rdu L. Gr. BK<sup>+</sup>

Diapensia lapponica Albert o Table Top (m).

Armeria vulgaris, Albert (m).

Primula mistassinica <sup>Dak. Percé D. 4C 11R</sup> R. BK. BK(R) Dumont (m), LC. BK<sup>+</sup>

— P. farinosa, Pdu L., very abundant on Cape Rosier <sup>o</sup> metane (m).  
Ca. Bic<sup>+</sup> Percé M L. T

L. vulgaris Rau L.

Glaux maritima. C. B.

Stironema ciliata. Q.

F. pubescens. Q.

- A. medium. Rect<sup>+</sup> 4c<sup>+</sup> Rsa-

- A. canadense. Q. GR. Rect BR. & DAR. 4c



*Rdu L., DaR., D*

368

L. stricta, Ait. SWAMP LOOSESTRIPE.

Wet ground and swamps; common.

*C. S. G. D. R. S.*

369

Var. ovata.

Stems at length much branched above, the branches often equalling or exceeding the inflorescence; leaves ovate to ovate-lanceolate, narrowing less abruptly at the base, shorter-petioled, veins apparent; raceme short and few-flowered. Wet ground, Somesville (Redfield).

370

L. thyrsiflora, L. TUFTED LOOSESTRIPE.

Rare. Intervale Brook, near Hulls Cove (F. M. Day); — *Ca.* bog, northern foot of Beech Hill (Rand).

GLAUX, L. SEA MILKWORT.

371

G. maritima, L., *var. obtusifolia*. *DaR., Br., S. Cal., Br., Fl.*

Salt marshes and muddy beaches; frequent.

*C. B. P. C. Rdu L., m. L.*

T

OLEACEÆ. OLIVE FAMILY.

FRAXINUS, L. ASH.

372

F. Americana, L. WHITE ASH.

Moist woods; common.

*Q. X.*

373

F. sambucifolia, Lam. BLACK ASH.

Swamps and damp woods; frequent.

*B. P. C. - B. P. C. Q. Com. on Lower Rest. N. H. Cal. X. C. D. Br. DaR.*

*T C. M. T*

SYRINGA, L. LILAC.

374

S. vulgaris, L. COMMON LILAC.

Occasionally escaped to roadsides near dwellings (R. & R.). Adventive from Eastern Europe or Asia. *infl. Met. June 25*

APOCYNACEÆ. DOGBANE FAMILY.

APOCYNUM, L. DOGBANE.

375

A. androsæmifolium, L. SPREADING DOGBANE.

Roadsides and thickets; infrequent. Otter Creek (William H. Dunbar); — Northeast Harbor, and elsewhere (Rand); — *Ca., N. H.*

*N. H. Cal. at R. Br.*

Prettypmarsh (Redfield);—Somesville; Hadlock farm, Seal Harbor (R. & R.);—Bar Harbor (F. M. Day).

GENTIANACEÆ. GENTIAN FAMILY.

BARTONIA, Muhl.

376

*B. tenella*, Muhl.

Rare. Damp hollows, summit of Green Mt. (Rand, William C. Lane).

MENYANTHES, L. BUCKBEAN.

377

*M. trifoliata*, L. *Forst. Bar. 4c T*

Bogs; rare. Northeast Harbor (John L. Wakefield);—Somes Pond (Rand);—Great Duck Island (Redfield);—Mt. Desert (F. L. Temple). *C. M. K. S. fl. Stg. June 27 GR+ Br. + R. D. Van L.*

LIMNANTHEMUM, Gmel. FLOATING HEART.

378

*L. lacunosum* (Vent.), Griseb.

Frequent in ponds. Hadlock Lower Pond (William H. Dunbar);—Witch Hole (Rand, F. M. Day, Redfield);—Ripples Pond; Great Pond; Denning Pond (Rand);—Eagle Lake; Mountain Pond; Newport Pond (Redfield).

BORRAGINACEÆ. BORAGE FAMILY.

MERTENSIA, Roth. LUNGWORT.

379

*M. maritima* (L.), Don. SEA LUNGWORT. *R. Blanche T*

Frequent on sea beaches, especially on southern coast of the Island, and on the Cranberry Isles. Flowers pink to blue, very rarely white. *C. B. P. C. S. Br. Carl. Bar. S. F. P. M. L.*

LYCOPSIS, L. BUGLOSS.

380

*L. arvensis*, L. SMALL BUGLOSS. *Siberian Thistle (S. R. Blanche)*

Naturalized for years at Fernald Point (William H. Dunbar, Rand);—also in waste ground, Somesville (Rand). Naturalized from Europe. *S. C.*

*Coast up to Metis (m). Carl. F. P. M. L. T*

Asclepias Syriaca. Q. S.

Pleuragme rotata Rdu L & Ca (m). DR<sup>+</sup> DAR<sup>+</sup> Stedmi

— Gentiana amarella acuta P. AC. P. H. Ca. Percel T  
Cape Rasim to Sula, d. com (m) Rdu L (m). Bic<sup>+</sup> GR<sup>+</sup> D<sup>+</sup> mL  
DAR.

— Malva deflexa. Fr. te. Rdu L. GR (R). Mt. (but (m).  
Com. on coast (m). Met. v. Cal. S. LC. BR. Peri Da T.  
R. H. M. Rd - T

Polanonium crenulatum GB (ASP)

— Gilia linearis P. Cal<sup>+</sup> AR. BR.

Cynoplossium officinale, Q. mL

C. ~~virginicum~~ <sup>triale</sup> S. Rasim (m). LC

Myosotis palustris, Rothsay. Dalhousie (m).

— M. laxa. Sq. B. P. BR. Rdu L. S. <sup>gr</sup> natanae (m). Bic. GB. FL.

M. arvensis, Q. K. GR.

— M. sylvatica, GR (R). QC

Lithospermum offic. Q. Bic. Rdu L.

— Symphytum — B. Bic

S. asperinum. Q. Albion.

— Echinopernum Lappula, B. Rdu L. Q. K. Met. Carl<sup>+</sup> M. T

— E. deflexum Campbellton (Cher.) Trac Mt (1850-1900)<sup>+</sup> Percel<sup>+</sup> mL

Echium vulgare AT R & R.

C. arvensis. Q. Yk.

-381<sup>a</sup> var. repens. BR. SP. Bic<sup>+</sup> Carl<sup>+</sup>.

-*Hypocyanus niger*. AC. BR. Carl<sup>+</sup> Yk.

-*Physalis grandiflora* Bic<sup>+</sup>

## CONVOLVULACEÆ. CONVULVULUS FAMILY.

## CONVOLVULUS, L. BINDWEED.

- 381 *C. sepium*, L., ~~var. Americanus~~, Sims. WILD MORNING GLORY. *C. E. B. P.*  
Sea beaches; common. *Stead M.* *Rdu X. Q. S. F. D.*

## CUSCUTA, L. DODDER.

- 382 *C. Gronovii*, Willd.

Infrequent; mostly on the coast. Growing on various *C.* plants, especially Aster, Solidago, and Ligusticum. Baker Island (Henry C. Jones, Redfield); — Southwest Harbor; Somesville; Sea Wall, etc. (Rand).

## SOLANACEÆ. NIGHTSHADE FAMILY.

## SOLANUM, L. NIGHTSHADE.

- 383 *S. Dulcamara*, L. BITTERSWEET.

Near dwellings and in low grounds. Hulls Cove; Breakneck Road (F. M. Day); — Bar Harbor (W. H. Manning). Adventive from Europe. *S.*

- 384 *S. nigrum*, L. COMMON NIGHTSHADE.

Frequent on sea beaches, seldom elsewhere. Cranberry Isles (John L. Wakefield, R. & R.); — Greening Island; Mill Cove; Bar Harbor; Sea Wall, etc. (Rand). Probably not indigenous within our limits. *S. W.*

## NICANDRA, Adans. APPLE OF PERU.

- 385 *N. physaloides* (L.), Gærtn.

Waste ground, foot of Long Pond (R. & R.). Adventive from South America.

## SCROPHULARIACEÆ. FIGWORT FAMILY.

## VERBASCUM, L. MULLEIN.

- 386 *V. thapsus*, L. COMMON MULLEIN.

Fields, pastures, and roadsides; frequent. Naturalized from Europe. *N. E. S. W. K. Cal. B. R.*

## LINARIA, Juss. TOAD FLAX.

387 **L. Canadensis** (L.), Dumont. WILD TOAD FLAX.

Frequent in dry soil. An exceedingly depauperate form in gravelly hollows among rocks, especially on the mountains. Browns Mt.; Flying Mt., etc. (Rand); — shore, Northeast Harbor (B. E. J. Gresham); — Baker Island (Redfield). 6.

388 **L. VULGARIS**, Mill. BUTTER-AND-EGGS.

Roadsides; infrequent. Southwest Harbor; Town Hill; B. Q. T. Great Cranberry Isle (Rand); — Baker Island (Redfield). R. V. Call +  
4B, Rdu L. RR, BR, Percé D.

## CHELONE, L. SNAKE-HEAD. TURTLE-HEAD.

389 **C. glabra**, L.

Wet places, along brooks and rills; frequent. M. C. S. (modified)  
BR, F. P. RR, Percé, L. K.

## ILYSANTHES, Raf.

390 **I. riparia**, Raf. *I. gratioloides* (L.), Benth. FALSE PIMPERNEL.

Rare. Muddy border of Somes Stream (R. & R.); — shore of little mill-pond, Somesville (Rand). B

## VERONICA, L. SPEEDWELL.

391 **V. scutellata**, L. MARSH SPEEDWELL.

Boggy ground; infrequent. Northeast Harbor (William H. Dunbar); — Ripples Pond; High Head meadow; bog near Sea Wall (Rand); — "Mt. Desert" (F. M. Day). C. B. BR  
4R+ D

392 **V. officinalis**, L. COMMON SPEEDWELL.

Dry ground; rare and local. Roadsides and fields, Salisbury Cove (Faxon, R. & R.); — "Norway Drive," south of Salisbury Cove (Rand, Mary Minot). Apparently confined to the neighborhood of Salisbury Cove, and appearing both introduced and indigenous. C. M. S.  
K.

393 **V. serpyllifolia**, L. THYME-LEAVED SPEEDWELL. Percé

Fields, clearings, and roadsides; common. Apparently both introduced and indigenous. RR+ Percé, Call. RR, D, RR.  
Rdu L. S.

- Limosella B. AC. C. BR<sup>+</sup> DAR<sup>+</sup>

V. longifolia. K.

- V. americana B. K. C. Q. Ca. GR<sup>+</sup> Pie<sup>+</sup> K. Cal. K. BR. D. Fucé. DAR.  
9c Rsa -

V. Baccabunga. Q.

V. ——— Q.

- V. Bachofenii Q.

V. alpina <sup>malacensis</sup> Allect + T (m).

- V. sep. var. borealis. GR<sup>+</sup> DAR. 9c<sup>+</sup> mataue ma - Rsa -

Castilleja pallida. Metapedia, SR(R), int. (m).

Rest. BR. Pece<sup>+</sup> L<sup>+</sup> R<sup>+</sup>.

Adiantum rubra. Stg. 4R.

Vernonia agrifolia, GR<sup>+</sup>

397. E. Randii. C. Everywhere in open humus near sea. Stg. BH. DR<sup>+</sup>

- E. americana. C. Stg. S, ACtc. S. BHtc. A. Cal<sup>+</sup> GR<sup>+</sup> m L.

T

- E. americana, var. caudensis, Mione, Rau L. FR.

- E. latifolia. P<sup>+</sup> P. L<sup>+</sup> BR<sup>+</sup> GR<sup>+</sup> Pece<sup>+</sup> D<sup>+</sup>

E. 2 -

Mt Ste. Anne<sup>+</sup>



394

**V. peregrina, L. PURSLANE SPEEDWELL**

Dry places; frequent. Flying Mt. (Henry C. Jones); — Norwood Cove, etc. (Rand); — Seal Harbor; Great Cranberry Isle; Great Duck Island (Redfield); — Somesville (M. L. Fernald); — mouth of Denning Brook (R. & R.). All plants small and dwarfed, hardly branched, very unlike the common garden form of this weed.

395

**V. ARVENSIS, L. CORN SPEEDWELL.**

Dry places; infrequent. High Head; Flying Mt. (Rand); — C. Little Cranberry Isle (Redfield); — mouth of Denning Brook (R. & R.); — Bar Harbor (Dr. H. C. Chapman). Appearing indigenous here, but said to be naturalized from Europe.

396

**V. BUXBAUMII, Ten.**

Waste ground; rare. Norwood Cove (Rand). Adventive from Europe. 90+

**EUPHRASIA, L. EYEBRIGHT.**

397

**E. officinalis, L.**

Dry ground; common in the southern part of the Island, and on the neighboring islands. Also Bar Harbor (W. H. Manning). If introduced, of very early introduction, but probably indigenous. Very variable. A form from Sea Wall (Rand), having extremely small flowers with corolla scarcely spreading, and leaves less toothed and cut and more crenate, corresponds fairly well to the description of var. *Tatarica*, Benth., but does not agree with herbarium specimens. It appears to be intermediate between *E. curta*, Fries, and *E. gracilis*, Fries. The species, however, is so variable, and has been so subdivided, that it is impossible to name with any certainty its subspecies and varieties without a careful study of the type specimens.

**RHINANTHUS, L. YELLOW RATTLE.**

398

**R. Crista-galli, L. *Percé* 2 48+ 4c MK T**

Common in fields and on roadsides. If introduced, of very early introduction. C. B. P. N.

Rdu 2. G. S. K. Sect. Sic. Cal. BR 9R.

## PEDICULARIS, L. LOUSEWORT.

399

*P. Canadensis*, L. COMMON LOUSEWORT.

Fields; common in centre, west, and north of the Island; rare elsewhere, e. g. Beech Hill (R. & R.); — Northeast Harbor; Southwest Harbor (Rand). <sup>Q</sup>

## MELAMPYRUM, L. COW WHEAT.

400

*M. Americanum*, Mx. <sup>ind -</sup>

Frequent in dry, open woods. B, etc. K, Rdu X, Bic, D, 9B, 4A

## OROBANCHACEÆ. BROOM-RAPE FAMILY.

## EPIPHEGUS, Nutt. BEECHDROPS.

401

*E. Virginiana* (L.), Bart.

Under beech trees; rare. Northern end of Jordan Pond (Redfield); — Clark Valley (Rand).

## APHYLLON, Mitchell. NAKED BROOM-RAPE.

402

*A. uniflorum* (L.), Gray. ONE-FLOWERED BROOM-RAPE.

Low ground, woods and copses; rare. Near Little Harbor; S, (R.A.) head of The Barcelona meadow (Rand). Bic

## LENTIBULARIACEÆ. BLADDERWORT FAMILY.

## UTRICULARIA, L. BLADDERWORT.

403

*U. inflata*, Walt. FLOATING BLADDERWORT.

Rare. Witch Hole (Rand, F. M. Day, Redfield).

404

*U. clandestina*, Nutt.

Rare. Mountain Pond (Rand); — pools, west side of Great Cranberry Isle (R. & R.).

405

*U. vulgaris*, L. GREATER BLADDERWORT.

Marshy ponds, pools, and slow streams; common. S, HR

- P. palustris Ca. + Stea. des m (m). matane

40. + m - R du L.

m - JP. +

*U. minor* GR<sup>+</sup>

—*Pinguicula vulgaris*. BA<sup>+</sup> SR(R). Cape Rain & Mat. & Dist R<sub>6</sub> (M).  
Lima Mexico (M) Rest. LC<sup>+</sup> Pecci M. M.L. R<sub>6</sub>-T

*Verbena urticifolia*, Q.

406 *U. gibba*, L.

Pond shores; rare. Breakneek Ponds (F. M. Day); — Somes Pond (Rand). A form from mud flats, Somes Pond (Rand), closely approaches *U. biflora*, Lam., and may perhaps prove to be that species. "The flower has the spurs of *U. biflora* very decidedly, but the foliage and the bladders are those of *U. gibba*. The spur here is oblong, narrow, not curved but projecting straightwise, and the perianth is somewhat larger than is generally the case in *U. gibba*. Other specimens with foliage and bladders better represented might show this to be *U. biflora*, but at present it is safer to call it '*U. gibba* verging towards *U. biflora* in flowers.'" Dr. Thomas Morong in litt.

407 *U. intermedia*, Hayne.

Bogs and streams; common. Usually sterile; but in flower, Breakneck Ponds (R. & R., E. Faxon).

B. M. D.  
98. 98

408 *U. purpurea*, Walt. LARGE PURPLE BLADDERWORT.

Ponds; infrequent. Seal Cove Pond (R. & R.); — Aunt Bettys Pond (Rand).

409 *U. resupinata*, B. D. Greene. SMALL PURPLE BLADDERWORT.

Pond shores; rare. Breakneek Ponds (F. M. Day); — Rip-ples Pond (M. L. Fernald).

410 *U. cornuta*, Mx. LONG-SPURRED BLADDERWORT.

Very common on pond shores, in marshes, and sphagnum bogs.

*U. cornuta* (m) 98. 98

AR<sup>+</sup>, S<sub>1</sub>

## LABIATÆ. MINT FAMILY.

## TEUCRIUM, L. GERMANDER.

411 *T. Canadense*, L. AMERICAN GERMANDER. WOOD SAGE.

Infrequent on banks and in low ground by the shore, at the head of sea beaches. Long Pond (William L. Worcester); — Duck Cove (Rand); — Seal Harbor (Redfield); — Southwest Harbor (Annie S. Downs); — Otter Creek (R. & R.).

## MENTHA, L. MINT.

412

M. VIRIDIS, L. SPEARMINT.

Rare. Runlet and roadside ditch, Seal Harbor (Redfield); — Q D  
head of Ripples Pond (Rand). Naturalized from Europe.

413

M. SATIVA, L. WHORLED MINT. (*Cardiaca*) *Capel Breton*

Brooksides; rare. Northeast Harbor; near Carter Nubble K.  
(Rand); — Northeast Creek (M. L. Fernald). Naturalized  
from Europe.

414

M. ARVENSIS, L. CORN MINT.

Roadside ditches and moist ground; infrequent, but not rare S.K.  
about Southwest Harbor. Also Great Cranberry Isle (R. & R.);  
— field above Long Pond (Rand). Naturalized from Europe.  
A tall form with thinner, more sharply serrate leaves, wet  
roadside by Juniper Cove; brooksides, Norwood Cove (Rand).

415

M. Canadensis, L. WILD MINT. *hc T*

Wet places and shady banks; frequent. Also Great Cran- *BR, Redf.*  
berry Isle (Rand); — Little Cranberry Isle (Redfield). *Cul. Q.S. K.*  
*hc. GR. Peed. D. Oak. Psa-*

## LYCOPUS, L. WATER HOREHOUND.

416

L. Virginicus, L. BUGLEWEED. *Dark.*

Common in low ground, and often becoming a weed in culti- *C. B. etc.*  
vated grounds. Small, depauperate forms are frequent. *GR. D. Q. P. etc.*

417

L. sinuatus, Ell. CUT-LEAVED BUGLEWEED. *hc+ BR. S.K. W.*

Common in wet places. *hc. Q X. hc+ BR. BR. BR+*

## THYMUS, L. THYME.

418

T. SERPYLLUM, L. CREEPING THYME.

Well established in a field, Bar Harbor (Mary Minot). Ad-  
ventive from Europe.

## SATUREIA, L. SAVORY.

419

S. HORTENSIS, L. SUMMER SAVORY.

Escaped from cultivation; in field and waste ground, South- *Q.*  
west Harbor (Rand). Adventive from Europe.

Var. Piquardi. AC<sup>+</sup> Ec. RduL. 9c

Saturia Clinopodium, Perci da<sup>r</sup> 9c<sup>+</sup>

Pinnello - Datt R<sup>+</sup>



HEDEOMA, Pers. AMERICAN PENNYROYAL.

- 420 **H. pulegioides** (L.), Pers. AMERICAN PENNYROYAL.  
Common in dry soil.

NEPETA, L. CATNIP.

- 421 **N. CATARIA**, L. CATNIP.

Rare. Roadside near O'Connor Cove; Thompson Island (Annie S. Downs); — waste ground near dwellings, Fernald Point; Sutton Island (Rand). Adventive from Europe. *Q. S. K. Cal. et. Br. Dak.*

- 422 **N. GLECHOMA**, Benth. GROUND IVY. GILL-OVER-THE-GROUND.

Door yards and waste grounds; infrequent. Somesville; Southwest Harbor (Rand). Adventive from Europe. *B. Q. S. W. Cal. 4R. 9c*

SCUTELLARIA, L. SKULLCAP.

- 423 **S. lateriflora**, L. MAD-DOG SKULLCAP. *Dak<sup>+</sup> et. Cal. 4R<sup>+</sup> BR. D.*

Wet shady places; infrequent. Marsh, Valley Cove; head of Northeast Creek; High Head meadow (Rand); — Somesville (Annie S. Downs, Rand); — "Mt. Desert" (F. M. Day); — Bar Harbor (W. H. Manning). *4R. 2. S. 4.*

- 424 **S. galericulata**, L. COMMON SKULLCAP. *9c*

Common on sea beaches and banks by the shore; more rarely on pond shores. *Cad. 4C. BR. C. B. 4c. C. S. et. D.*

*Forma rosea.*

Flowers rose-color. Beach, Great Cranberry Isle (Rand).

BRUNELLA, L. SELF-HEAL.

- 425 **B. vulgaris**, L. COMMON SELF-HEAL. *9c*

Woods, fields, and roadsides; common. *C. B. 4c. 4R. 2.*

*Forma albiflora.* *9R. Br. et. Cal. 4C.*

Flowers pure white. Meadows above Long Pond (Redfield).

## LEONURUS, L. MOTHERWORT.

426 L. CARDIACA, L. COMMON MOTHERWORT.

Waste places and by dwellings; rare. Tarr Valley, near Fer-  
nald Point (Annie S. Downs); — Oak Hill; Sargent Cove  
(Rand). Adventive from Europe. Q. Z.

## GALEOPSIS, L. HEMP NETTLE.

427 G. TETRAHIT, L. COMMON HEMP NETTLE. *Paci' GIB. YR. Cal. LC. BR. D.*

A common weed in waste places and in cultivated grounds.  
Said to be naturalized from Europe, but appearing indigenous,  
at least in northern New England. *C.B.P. Q.S.*  
*Rdu L. W. K.M.L.*

## STACHYS, L. HEDGE NETTLE.

428 S. ARVENSIS, L. WOUNDWORT.

Rare. Field, Bar Harbor (Mary Minot). Adventive from  
Europe.

## PLANTAGINACEÆ. PLANTAIN FAMILY.

## PLANTAGO, L. PLANTAIN.

429 P. major, L. COMMON PLANTAIN. *Yk+ Bic*

Fields and waysides; very common. Commonly naturalized  
from Europe. This plant, however, is found all over the Island  
in many places so remote from dwellings or cultivated grounds  
as to lead to the inference that it may be also indigenous. *mL*  
Thick-leaved saline forms are frequent on sea beaches. Little  
Harbor; Little Cranberry Isle (Redfield); — Great Cranberry  
Isle (Rand). *C.B.P. Q.S.*  
*W. Z. SR.*  
*SR Cal. BR. Paci' D.*  
*v.*

430 P. LANCEOLATA, L. RIBGRASS.

Waysides and grass lands; formerly rare, but of late years  
becoming more common. Mill Cove; Little Harbor; Southwest  
Harbor (Rand); — Bar Harbor (Rand, W. H. Manning). *P.S.W. K.*

431 P. decipiens, Barn. SEA PLANTAIN. *mL T*

Very common in salt marshes, on beaches, and among rocks  
on the shore. *C. P. S. K.*  
*Bic N. SR.*  
*Cal. BR. SR. DAR.*

*Laminium amples*: C.  
- *Laminium album*, Bic<sup>+</sup>

*Saccopsis* (various) GR<sup>+</sup> T

*S. palustris*, C. S. B. Q. S., Milltown, Ms. 4K<sup>+</sup>  
S. — 4K<sup>+</sup>

*P. eriopoda* <sup>matoue</sup> Kamouraska, Rock Dam, Grand Itan, & Cape Chat (M),  
OR Da R. ML. T  
*P. majorasiatica* Le<sup>+</sup> OR<sup>+</sup> Da R<sup>+</sup> 9c Rld,

- 431<sup>a</sup> *P. brevis* P.,

Aman — YK<sup>+</sup>

432

*P. Patagonica*, Jacq., var. *aristata* (Mx.), Gray.

Rare. Field, Southwest Harbor (Annie S. Downs); — Bar Harbor (W. H. Manning). Adventive from the West.

## DIVISION III. APETALÆ.

## AMARANTACEÆ. AMARANTH FAMILY.

## AMARANTUS, L. AMARANTH.

433

*A. RETROFLEXUS*, L. AMARANTH PIGWEED.

Roadsides and cultivated grounds; becoming frequent. Bar Harbor; Southwest Harbor; Somesville; Long Pond, etc. (Rand); — Seal Harbor, etc. (Redfield). Adventive from Tropical America.

434

*A. albus*, L. TUMBLEWEED.

Cultivated grounds; becoming frequent. Southwest Harbor; Long Pond; Seal Harbor, etc. (Rand); — field on Northeast Creek (M. L. Fernald). Adventive from the South and West.

## CHENOPODIACEÆ. GOOSEFOOT FAMILY.

## SPINACIA, L. SPINACH.

Dioecious; flowers axillary, glomerate. Staminate flowers in racemose-paniculate clusters, calyx 4-5-parted, the lobes equal. Calyx of pistillate flowers ventricose-tubular, 2-3-toothed; ovary ovoid, styles 4, elongated, filiform, achene included in the turgid indurated calyx, which is often 2-3-horned on the back; seed vertical and compressed; embryo annular, surrounding the farinaceous albumen. Darlington, Am. Weeds and Useful Plants (Rev. ed.), 274.

435

*S. GLABRA*, Mill.

Herbaceous, glabrous throughout; leaves sagittate, sometimes oblong-ovate, entire, acute, slender-petioled; flowers green; fruiting calyx solitary, rounded, without prickles, toothed at

the apex. [For a more detailed description, see DC. Prod., xiii. 2. 118.] Abundant in waste ground, Somesville (Rand). Adventive from Asia.

**CHENOPODIUM, L. FIGWEED.**

- 436 C. ALBUM, L. FIGWEED. *Pied. D. 4ft Cal. GR. T.*  
 A common weed in cultivated ground, and on sea beaches. *C. B. P. C.*  
 Very variable. Naturalized from Europe. *T S. W. K.*

**ATRIPLEX, L. ORACHE.**

- 437 A. patulum, L., var. hastatum (L.), Gray. *D. 4ft Cal. GR. Bic.*  
 Sea beaches, salt marshes, etc.; very common and variable. *C. B. P. C. S.*  
 Both prostrate and erect forms are found. *T W. K.*
- 438 Var. littorale (L.), Gray.  
 Rare. Beach, Great Cranberry Isle (Rand). *Pied. 3 ft. GR.*

**SALICORNIA, L. SAMPHIRE.**

- 439 S. herbacea, L. *Fl.*  
 Salt meadows, and muddy shores on the coast; common. *C. B. P. C. S. P.*

**SUÆDA, Forskal. SEA BLITE.**

- 440 S. linearis (Ell.), Moq. *C. B. W. C. Cal.*  
 Common on sea beaches.

**SALSOLA, L. SALTWORT.**

- 441 S. Kali, L. *T*  
 Sea beaches; frequent, especially on Cranberry Isles. *B. P. S. Bic Cal.*  
*RR. Dur. 913.*

**POLYGONACEÆ. BUCKWHEAT FAMILY.**

**RUMEX, L. DOCK. SORREL.**

- 442 R. PATIENTIA, L. PATIENCE DOCK.  
 Rare. Dry fields near Little Harbor (Redfield). Adventive from Europe.

- Chen. capitatum. Bic<sup>+</sup> Cul<sup>+</sup>

Chen. murale 4k<sup>+</sup>

Chen. Vulvaria 4k<sup>+</sup>

Atr. 4k<sup>+</sup>

Atr. Pecci

S. herbacea, prostrata. WC. SP. Bic Cul. D. Dal.

S. SP. C.

S. SP.

S. SP.

Oxyria digyna Int albar (m)

P. occidentalis D. Wre. Ca. S. Sp. N. Cal. BR<sup>+</sup> GR. DR.

P. acetosa. hills fields near. Eng. & Colo Brook.

P. bucephalophorum GR<sup>+</sup>

P. aric. neglectum GR<sup>+</sup> GC

P. aric. angustissimum GR<sup>+</sup>

P. prolificum. W.

P. no. W.

P. exsertum B.



- 443 *R. Britannica*, L. GREAT WATER DOCK.  
 Common in swamps and wet places back of sea beaches; less common in wet ground farther inland,—Long Pond meadows; Somesville (Redfield). *Abund. Bay Chaleur (N) GR. Cal. BR* *C.B.S., 2c+*
- 444 *R. salicifolius*, Weinm. WHITE DOCK. *BR. M.L.*  
 Sea beaches; frequent, especially on Cranberry Isles and western and northern shores of the Island. Also Northeast Harbor; Sea Wall (Rand);—Bar Harbor (W. H. Manning). *C.B. Cal. BR* *Bonus 6+ BR.*
- 445 *R. verticillatus*, L. SWAMP DOCK.  
 Rare. Marsh on Northeast Creek; Norwood Cove (Rand).
- 446 *R. crispus*, L. CURLED DOCK. *M.L.*  
 Common in cultivated and waste ground. Naturalized from Europe. *Met. Cal. BR. GR. P. Cal. W. K.* *C.B.P.S.*
- 447 *R. obtusifolius*, L. BITTER DOCK.  
 Waste places; rare. Somesville (Rand);—Bar Harbor (W. H. Manning). Adventive from Europe. *Met. BR. P. Cal. W. K.* *B. A. W. K.*
- 448 *R. acetosella*, L. FIELD SORREL. *M.L. T*  
 A very common weed in fields and waste places. Naturalized from Europe. *N. Cal. BR. P. Cal. GR. W. K. D. 9c* *B.P.S.C.*
- POLYGONUM, L. KNOTWEED.
- 449 *P. aviculare*, L. DOORWEED. *P. Cal. GR. D. GR. Cal. BR GR.*  
 A common weed about dwellings, by roadsides, etc. Variable; erect or prostrate. *C.B.P.S.*
- 450 *P. Raji*, Bab. *M.L. T*  
 Stems long, straggling, prostrate; leaves bending towards the stem, elliptic-lanceolate, flat; ochreae lanceolate, acute, with few distinct simple veins, at length torn; nut smooth, shining, exceeding the perianth. Resembling *P. aviculare* in habit, but *P. maritimum* in fruit. Filaments broader at the base. It varies with smaller leaves and flowers. Babington, Man, Brit. Bot. (4th ed.) 285. Common on sea beaches. This species has been often mistaken for *P. maritimum*, and so reported. So far as known, however, *P. maritimum* is not found within the *C. Cal. BR* *Bic. Cal. FP* *BR. 4K+*

limits of this list. The specimen attributed to Mt. Desert in Bull. Torr. Bot. Club, xix. 362, is now pronounced to be *P. Raii* (*sic* J. K. Small).

- 451 *P. lapathifolium*, L.  
In cultivated grounds; rare. Southwest Harbor (Rand). Doubtless introduced.
- 452 *P. Hartwrightii*, Gray.  
Rare. Bog, Southwest Harbor (Rand). *Bre. Q. 4R+*
- 453 *P. Careyi*, Olney.  
Rare. Wet ground on wood road, Town Hill (M. L. Fernald).
- 454 *P. PERSICARIA*, L. LADY'S THUMB.  
Common in waste and damp places. Variable. Naturalized *C. B. Q. S.*  
from Europe. *Bic. BR. Raii 4R. D. 4B. T W. K.*
- 455 *P. Hydropiper*, L. WATER PEPPER.  
Common in wet places. *4C. re. BR. Raii D. 4B.*
- 456 *P. sagittatum*, L. ARROW-LEAVED TEAR-THUMB. *B. M. S. Cap. Core*  
Low grounds; common.
- 457 *P. CONVULVULUS*, L. BLACK BINDWEED.  
Waste grounds and beaches; common. Naturalized from *B. P. Ca. S. K.*  
Europe. *Cal. BR. Raii D. 4R. K. T*
- 458 *P. cilinode*, Mx. *4C. M.*  
Woods and copses, especially in clearings; common. *C. B. Raii L. Cal. BR. Dak+*
- 459 *F. ESCULENTUM*, Mœnch. *Pend D T*  
Waste ground, Southwest Harbor (Rand). Adventive from *Raii L. S. K.*  
Europe. *K.*

#### EUPHORBIACEÆ. SPURGE FAMILY.

##### EUPHORBIA, L. SPURGE.

- 460 *E. CYPARISSIAS*, L. GRAVEYARD FLOWER.  
Escaped from cultivation to roadsides and waste places. Bar Harbor; Southwest Harbor; High Head (Rand); — Town Hill (Greenleaf, Lane & Rand); — Somesville (R. & R.). Naturalized from Europe. *K.*

P. tomentosum Q., Rdu L. S. W. X. GR. Luc. D. 98. F. T

P. pennsylvanicum Q. X.

Panicum GR<sup>+</sup>

acere, us. leptostachyon. SF.

P. oviparum PD<sup>+</sup> BR<sup>+</sup> GR<sup>+</sup> (R) Cape Poir. to Matane (m)  
mtallicat (m). Bic (Poir) GR<sup>+</sup> XC BR<sup>+</sup> Luc D T

Shepherdia cau. VC<sup>+</sup> GR. Bic<sup>+</sup> Cal. XC. BR. Luc ML. Matane T

S. Tataricum VC<sup>+</sup> BR. YK. ML.

Comandra livida VC. PD. XC. <sup>d. Can.</sup> GR<sup>+</sup> GR<sup>+</sup> GR. BR. Luc. F. T  
Ste adash & Mt. Alb. & Rdu (m)

Comandra Richardsonia. GR<sup>+</sup> Tad<sup>+</sup> Bic<sup>+</sup>

E. Helioscopia Baro. Poir. BR. GR. Bic. Cal. ML. T  
Rdu L. S. W. X. Cou. (m)

E. Peplus W.

E. polygonifolia S.

E. hirsuta Met<sup>+</sup>

Asarum canadense. Lc<sup>+</sup>

Hammulus Rup., S. Bic MR.

Camulio setiva. Q. Rdu X.

U. dioica. Q. Yk<sup>+</sup>

Laportra S. Net. N. Caul. 9c

Juglans cinerea. Q.

## URTICACEÆ. NETTLE FAMILY.

## ULMUS, L. ELM.

- 461 U. Americana, L. AMERICAN ELM.

Rare. Fields and roadsides, Eden (Rand). Introduced in C.K.,  
other parts of the Island. Mouth of Riv. et. 9C. Mouth 2C

## URTICA, L. NETTLE.

- 462 U. gracilis, Ait. D.R. 9C M.B.

Frequent about and at the heads of sea beaches. Sometimes C. Rd. S.  
in waste ground. Met. 9R. Bic. Cal. Penn

- 463 \* U. URENS, L.

Rare. Shore of Little Cranberry Isle (Redfield). Adventive B. P. K.  
from Europe. BR+ 9R. Rd. L.

## PARIETARIA, L. PELLITORY.

- 464 P. Pennsylvanica, Muhl.

Rare. Shores of Little Cranberry Isle (Redfield). Doubt-  
less naturalized from farther south.

## MYRICACEÆ. SWEET GALE FAMILY.

## MYRICA, L. BAYBERRY.

- 465 M. Gale, L. SWEET GALE. D. D.R. Bic. et. 2C. BR. 9R.

Borders of ponds, streams, and wet meadows; common. C. B. Rd. S.

- 466 M. cerifera, L. BAYBERRY.

Rocks on coast; common. Also Browns Mt.; Somesville; S.K.  
Mt. Desert Narrows, etc. (Rand).

- 467 M. asplenifolia, L. Comptonia asplenifolia (L.), Ait. SWEET -  
FERN.

Dry hills, fields, and borders of woods; common.  
Not seen east of Bay of Fundy. Common in  
Avon valley & w. south of North Mt.

## CUPULIFERÆ. OAK FAMILY.

## BETULA, L. BIRCH.

- 468 *B. lenta*, L. BLACK BIRCH. SWEET BIRCH.  
Woods and copses; frequent.
- 469 *B. lutea*, Mx. f. YELLOW BIRCH. C. P. Q. S. K. GR. XC. BR. D.  
Common in woods. 4c. Rsa-
- 470 *B. populifolia*, Marsh. WHITE BIRCH. GRAY BIRCH. C. K.  
Very common in poor soil.
- 471 *B. papyrifera*, Marsh. *B. papyracea*, Ait. PAPER BIRCH. CANOE C. B. A.  
BIRCH. D. GR. BR. Cul. et. D. R. D. Q. S. K. M. A.  
Common in woods. XC. BR. GR. P. R. 4c T  
Rsa-

## ALNUS, L. ALDER.

- 472 *A. mollis*, Fernald. *A. viridis* (Cham.) DC. GREEN ALDER. C. B. P. Q. S. K. T  
Very common at all altitudes in dry soil. M. A. Cul. et. D. R. D. Q. S. K. T
- 473 *A. incana* (L.), Willd. SPECKLED ALDER. C. B. P. Q. K. A. D. GR. T.  
Common in low grounds. M. A. Cul. et. D. R. D. Q. S. K. T  
Rsa-

## CORYLUS, L. HAZEL-NUT.

- 474 *C. rostrata*, Ait. BEAKED HAZEL-NUT. P. Cul. D. R. D. BR. XC. K.  
Frequent in woods and clearings, and by roadsides. North- 4c. S. M. A.  
west Cove; Emery District; Dog Mt.; Sargent Mt.; Aunt  
Mollys Beach; Somesville, etc. (Rand); — Echo Notch (R. K. Cul.  
& R.). 4c

## QUERCUS, L. OAK.

- 475 *Q. rubra*, L. RED OAK. Q. S.  
Frequent; widely distributed, but nowhere very abundant; R.  
rare in the south of the Island. Much dwarfed on the moun-  
tains. During the early history of the Island oaks were ap-  
parently abundant, although probably of this species only. At  
a very early day, however, the oak woods began to be felled for  
timber. At Somesville, it is said, there was an oak wood on  
the shores of Somes Harbor, which attracted the attention of

*B. alba*, var. *minor*, M.A. -

471a *Balba*, var. *cordifolia*. C. P. D. Rdu L, Cui. Sin.  
M.A. - Dak. D. G. R. Bic. Puc. BK

471b. *B. pendula*, C.

*B. pumila* - BK.

*B. glandulosa*, satund, 2 forms M.A. -

Q. Robur K.

S. nigra, G.

S. ———— DC.

S. lucida, <sup>Ryd. Glauco 90</sup> luteosa, DC. BR. D. Bic du R. t<sup>+</sup> LC BR<sup>+</sup>  
Rsa-

S. alba, vitellina, Met. Bic t. Carl. BR. D. 98.

S. cinerea W.

S. viminalis PD. & S. K. T



Abraham Somes, of Gloucester, Mass., when he chanced to sail up the Sound about 1760. He spent the summer in that vicinity making barrel staves, and then returned home with his cargo. The following year he returned to Somes Harbor for the same purpose, and finally, in 1762, built a house on the shore of the harbor near the present steamboat wharf, and began the permanent settlement of Mt. Desert Island.

- 476 *Q. ilicifolia*, Wang. BEAR OAK. BLACK SCRUB OAK.  
Rare. Dog Mt. (Rand, Elizabeth G. Britton).

FAGUS, L. BEECH.

- 477 *F. ferruginea*, Ait. AMERICAN BEECH. Q. S.  
Woods; common.

SALICACEÆ. WILLOW FAMILY.

SALIX, L. WILLOW.

- 478 *S. lucida*, Muhl. SHINING WILLOW.

Wet places and borders of brooks and ponds; frequent. Otter Creek Brook; Great Pond; Northwest Cove, etc. (Rand); — Bubble Pond; Jordan Pond; Long Pond meadows, etc. (Redfield). *Thet. t. XC. BR. D. Bic Oak FP' 9c*

- 479 *Forma latifolia*.

Leaves  $1\frac{1}{2}$ ' wide, rounded or subacute at base; cuspidate-acuminate. Swamp north of Beech Hill; Southwest Harbor (Rand); — Bubble Pond (R. & R.).

- 480 *Forma angustifolia*. *BR+ D. Oak P. Red-*

Leaves narrowly lanceolate, tapering to a long point. Long Pond meadows; Thompson Island, etc. (Rand). *9c 9R+*

- 481 *S. FRAGILIS*, L. CRACK WILLOW. BRITTLE WILLOW.

Bog, Clark Point, Southwest Harbor; Somesville (Rand). *C. 11. 11*  
Naturalized from Europe. *Q. 3*

- 482 *S. FRAGILIS* × *ALBA*, Wimmer.

Aments leafy-peduncled, slender, loosely flowered; stamens 2, villous at base; scale yellowish, lingulate; capsule very short-pedicelled, conico-cylindrical, glabrous; style very short, stig-

mas spreading, recurved, 2-lobed; gland embracing the pedicel; leaves broadly lanceolate tapering to a prolonged slender point, glabrous and shining above, silvery-silky beneath when young. Wimmer, *Salices Europææ*, 133. Southwest Harbor (R. & R.).

All the common large willow trees of the Island probably belong either to *S. fragilis* or to this hybrid. Both were of early introduction, and have become spontaneous all over the Island. Forms of *S. alba* may also be looked for.

483

*S. rostrata*, Richardson. *S. livida*, Wahl., var. *occidentalis*, C. R. DC. <sup>Ped. + D. G. R. Mt. GR + Bic +</sup>  
Gray. <sup>Ac + Cal (tree) XC. BR. ac mt. m. d. - T</sup> <sup>Red. S.</sup>

Very common in either wet or dry soil.

484

*S. discolor*, Muhl. <sup>ac</sup> COMMON SWAMP WILLOW. <sup>mt. - T</sup> <sup>D. C. B. DC. G. R. P. S. G. R.</sup>

Very common in low grounds. <sup>GR + Bic + Cal (tree) XC. BR. Red</sup>

485

*S. humilis* × *discolor*, Bebb.

Leaves as broad and large as those of *S. humilis*, but duller green, softly tomentose beneath, and with shorter petioles; the aments thick as those of *S. humilis*, but usually recurved, and the capsules on shorter pedicels. Bebb, Gray Man., 6th ed., 483. Swamp, Southwest Harbor (Redfield).

486

*S. humilis*, Marsh. LOW WILLOW. PUSSY WILLOW. <sup>D. Ac. Cal. XC. BR. Bic</sup>

Common in dry or wet ground everywhere from sea level to mountain summits. Forms with large leaves may be described as follows:— <sup>ac mt. m. d. - T</sup> <sup>C. R. DC.</sup>

487

Var. *grandifolia*, Anders. DC. Prod., xvi. 2. 236.

Leaves obovate-oblong 3'-4' long, 1½' broad above the middle, shining above. Appearing in the following forms:—

488

*Forma obtusifolia*.

Leaves very short-pointed; either smooth and glaucous, or slightly tomentose beneath. Near Great Pond (R. & R.);— Sutton Island (Rand).

489

*Forma acuminata*.

Leaves more attenuate-pointed; glaucous and tomentose beneath, generally becoming smooth. Seal Harbor (Redfield);— wood road to Denning Pond (Rand).

*S. anflorum* mta<sup>+</sup>

*S. arctica* mtalbat (m)

*S. acet.* var. ? mta<sup>+</sup>

*S. argyrocaipa* Table Top (allen) mta<sup>+</sup>

*S. desertarum*, mtalbat (m)

*S. desert. stricta*, mta<sup>+</sup>

*S. chlorolepis* mta<sup>+</sup>

*S. flauca* aut. mta<sup>+</sup>

*S. reticulata* mtalbat (m)

*S. vestita* Table Top (allen) Perce<sup>+</sup>

*S. physicifolia* mta.

*S. monticola?* BR

*S. candida*, BR<sup>+</sup> GR<sup>+</sup> OR

R. Blanche Heaen<sup>+</sup>

*S. pellita*, PD<sup>+</sup> BR, Q. Red. Mt. xc. GR<sup>+</sup> xc. DP. Da R.  
ac OR Maxau Rda. T

*S. glaucophylla*, PD<sup>+</sup> BR, Q. Red. Mt. xc. GR<sup>+</sup> xc. DP. Da R. MB.  
Maxau<sup>+</sup> ac Rest<sup>+</sup> GR<sup>+</sup> xc. Rda - T

*S. Novu-Augliae*, GR<sup>+</sup>

*S. pedicellaris* B. *S. myrtilloides* B. Mt. Albert (M) GR<sup>+</sup>

*S. herbacea*, Mt. Albert

*S. Mwa-Nwi* *S. pumila* Sm.

*S. alba*, Q. W.

This species and others, especially *S. discolor*, often bear cone-shaped galls on the ends of the branches. These consist of imbricated leaves, and are caused by the deposit of eggs of insects.

490 *S. tristis*, Ait. DWARF GRAY WILLOW.

Rare. Hollows, between Northeast Harbor and Little Harbor (Rand). Perhaps introduced in this locality from beyond our limits.

491 *S. petiolaris*, Smith.

Frequent. Somesville; Bass Harbor Marsh; Great Cranberry Isle; Long Pond meadows, etc. (Rand). The type passes into the next variety. C.

492 Var. *angustifolia*, Anders. *S. rosmarinifolia* (Herb. Hook.), Barratt & Hooker.

Leaves narrowly lanceolate, almost linear, margin slightly serrulate or subentire, glaucous beneath, at first silky, at length glabrate. DC. Prod., xvi. 2. 234. Common on meadows and heaths. Long Pond meadows; Pond Heath; Northeast Meadow, etc. (R. & R.). The silky hairs of the young leaves are usually of a rusty color.

493 *S. cordata*, Muhl. HEART-LEAVED WILLOW. D. Bar. 90 Mx.

Rare. Roadside near Denning Pond; Southwest Harbor (Rand). ~~Not A.R. + J. Cal. K.C. B.R. Rsa - T~~ B. V. C. Q. S.

494 *S. balsamifera* (Hook.), Barratt. BALSAM WILLOW.

Widely distributed, but nowhere very abundant. Southwest Harbor; Sargent Mt.; Beech Hill; Ripples Pond; Somes Pond; Denning Brook; Beech Mt. Notch; The Hio; Doctors Brook; road, west side of Browns Mt., etc. (Rand);—Seal Harbor (Redfield);—Browns Mt. (E. Faxon);—High Head meadow (Faxon & Rand);—Long Pond meadows (R. & R.). C.B. B.R. Rdu L. Ca

POPULUS, L. POPLAR. ASPEN.

495 *P. tremuloides*, Mx. ASPEN. D. T. C. B. C. Q. S. Bie. Cal. Mx. S.P. K.C.

Frequent in woods. t. G.B. Ex R. Mx

496

*P. grandidentata*, Mx. LARGE-TOOTHED ASPEN.

C. K.

Frequent in woods.

497

*P. balsamifera*, L. BALM OF GILEAD.

Sa R. Red. r. GR. Bic. +. P. u. C. G. P.

Frequent about dwellings, etc. Apparently introduced, and naturalized by seedlings. Oak Hill, etc. (Rand); — Southwest Harbor (Elizabeth G. Britton, Rand); — Seal Harbor (Redfield); — and elsewhere. At Somesville, however, and east of Town Hill, remote from dwellings, it appears to be indigenous.

Rsa, T  
mta -R. L. Q.  
D. Xc. BR.  
mr.

498

*P. dilatata*, L. LOMBARDY POPLAR.

Occasionally by roadsides, etc., and sometimes spontaneous, Somesville; Southwest Harbor (Rand); — Oak Hill (Redfield). Adventive from Europe.

B. Q. K.

## EMPETRACEÆ. CROWBERRY FAMILY.

## EMPETRUM, L. CROWBERRY.

499

*E. nigrum*, L. BLACK CROWBERRY.

R. Blanche

Common on cliffs along the coast and on the islands. Often in heaths and bogs; The Heath, Great Cranberry Isle; Sunken Heath; Great Heath (Rand); — more rarely on mountains and hills; Barr Hill; Green Mt. (Redfield); — Sargent Mt. (Rand). Also Duck Islands (Redfield).

mta,

C. V. M. K.  
S. GR. Bic  
BR. u. y.  
Bar.

## COREMA, Don. BROOM CROWBERRY.

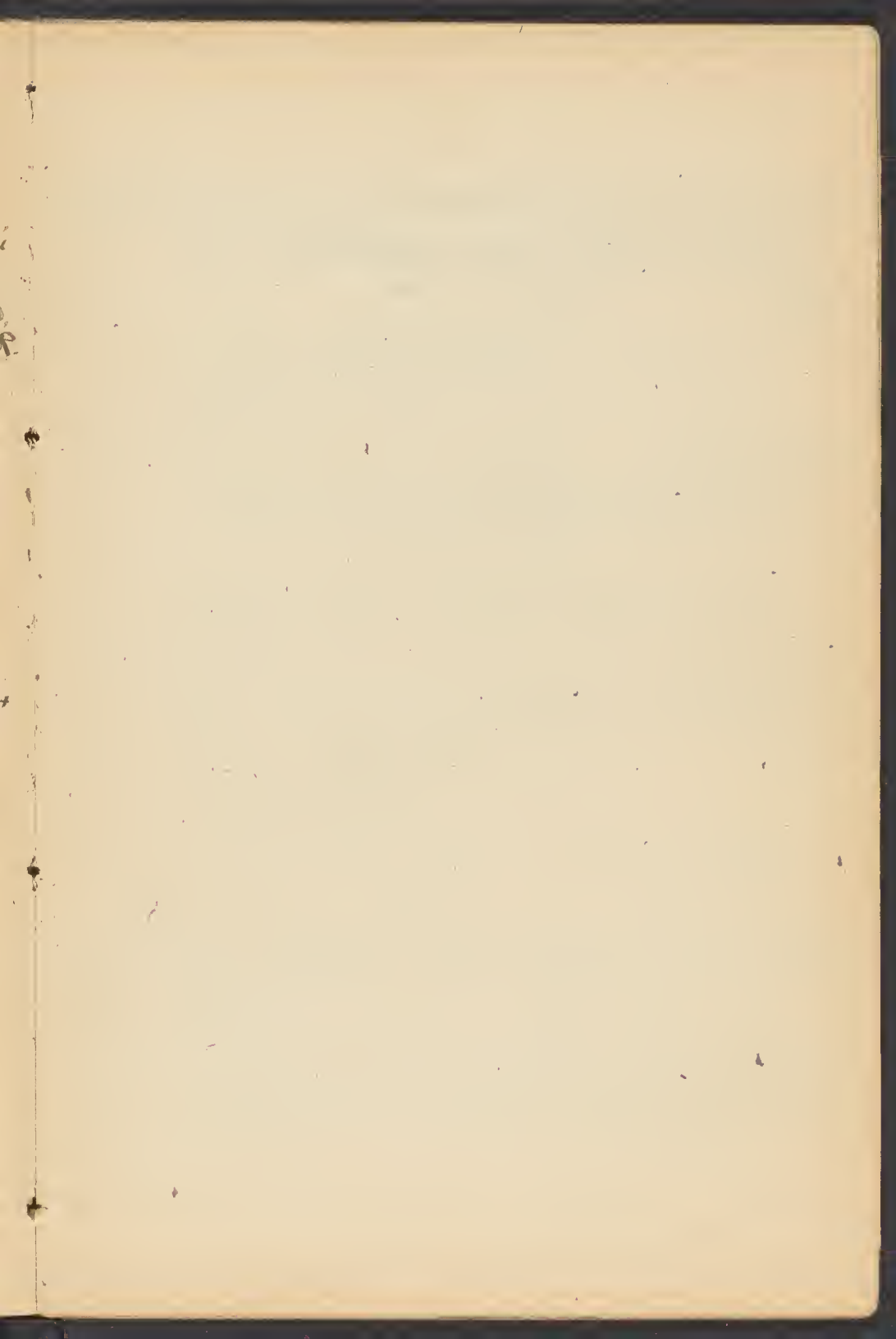
500

*C. Conradii*, Torr.

Dry rocky places; rare and local. Asticou; Little Harbor (Lane & Rand); — Barr Hill, in a number of localities; hill between Long Pond and Little Harbor Brook (Redfield); — Beech Mt.; Dog Mt. (Rand); — Beech Hill (Annie S. Downs, Sara E. Boggs); — Ship Harbor (Annie S. Downs); — in great abundance in pine barrens, east of Ship Harbor; west of Hio (Rand).\*

K.

\* *Corema* also grows in abundance with *Pinus Banksiana*, near Prospect Harbor, Gouldsborough (Redfield).



P. Banksiana, com. at Petitcodiac even in cold swamps  
with Larix & Picea nigra, & northern th. & B.  
Pic.



CLASS II. DICOTYLEDONES GYMNOSPERMEÆ.

CONIFERÆ. PINE FAMILY.

PINUS, L. PINE.\*

501 P. Strobis, L. WHITE PINE. *Rsa. base - C. very scarce now. B. Q. S. K.*  
 Frequent. *Gr. Bic. Lc. BR. 4A*

502 P. rigida, Mill. PITCH PINE.  
 Barren soil; not uncommon, but local. Browns Mt., etc.  
 (R. & R.). Very abundant on Newport Mt.

503 P. resinosa, Ait. RED PINE. NORWAY PINE. *Q. abund. betw. St. Marks + St. Francis*  
 Frequent. *abund. from near Canterbury to Reddam, abund in Kent; Northumberland & Gloucester Co. Bic K. BR.*  
 PICEA, Link. SPRUCE.

505 T P. nigra (Ait.), Link. *Abies nigra*, Poir. BLACK SPRUCE. *C. B. S.*  
 Common. *N. Cal. D. 4A. DAR. 9C upper) Rsa - mta -*

506 T P. alba (Ait.), Link. *Abies alba*, Mx. WHITE SPRUCE. *D. Red Rsa - mta - C. B. P.*  
 Common. More common near the coast than the preceding species. A very beautiful glaucous or blue form is not uncommon in different parts of the Island. *Gr. Bic. Cal. Lc. DAR. 4. BR. RR ties in C.B. 9C*

TSUGA, Carr. HEMLOCK.

507 T. Canadensis (L.), Carr.  
 Infrequent, except in old woods. Also on Cranberry Isles. *K.*

ABIES, Juss. FIR.

508 T A. balsamea (L.), Mill. BALSAM FIR. *C. B. P. Rdu L. Q. S. K.*  
 Common. *Gr. Bic. N. Cal. Lc. BR. DAR. 9B. Pence. D. 9C. Rsa. mta -*

*spindle tree* LARIX, Adans. LARCH.

509 T L. Americana, Mx. HACKMATAK. TAMARACK. *C. B. P. Rdu L. Q. S. K.*  
 Common. Also on Cranberry Isles. *Gr. 4. Cal. Lc. DAR BR. Rsa. mta -*

504 \* P. Banksiana, Lamb., is found in abundance on Schoodie Peninsula, across Frenchman Bay, but has not yet been found on Mount Desert Island. *to summit*

## THUJA, L. ARBOR-VITÆ.

- 510 T. occidentalis, L. *D. (rare) BR, BR, Cal. LC, BR, GR, Bic, V, Paul*  
 Very common. Usually called White Cedar on the Island. *C. B. No.*  
*CC (rare above Juno. for) Rsa.*

## JUNIPERUS, L. JUNIPER.

- 511 J. communis, L. COMMON JUNIPER.

Common in dry ground, on rocky cliffs, etc. Very low-spread- *C. B. S*  
 ing, and variable. *Bar. Bic. Cal. Paul* *Rdu L. S*

- 512 J. Sabina, L., var. procumbens, Pursh. CREEPING JUNIPER. *C. B. No. 6*

Frequent in dry fields or on rocky cliffs along the coast.  
 Roberts Point, Northeast Harbor; Pierce Head; Sargent Mt. *S. Bic*  
 (Rand); — shores Seal Harbor (Redfield); — Bar Harbor (Bea- *Cal. Paul*  
 trix Jones); — Bald Porcupine Island (W. H. Manning); —  
 very common in dry fields, Sutton Island (Rand et als.).

## TAXUS, L. YEW.

- 513 T. Canadensis, Willd. YEW. GROUND HEMLOCK. *Cal. LC, D, GR, Bic, Paul*

Common in deep moist woods and glens. *No. S. T*  
*Dal. BR. LC. Rsa, mta-*

## CLASS III. MONOCOTYLEDONES.

## ORCHIDACEÆ. ORCHID FAMILY.

## MICROSTYLIS, Nutt. ADDER'S MOUTH.

- 514 M. ophioglossoides (Willd.), Nutt. *BR, GR, Paul Bic* *C, B*  
 Not infrequent, and very generally distributed over the Island  
 and the Cranberry Isles, in low moist ground. Also Sargent  
 Mt.; summit of Flying Mt. (Rand). *No. abund. on sand plain* *Cal. BR*

## LIPARIS, Richard. TWAYBLADE.

- 515 L. Læselii (L.), Richard.

Local. On Stanley Brook, Seal Harbor (G. Hunt); — swamp *P. L. BR*  
 on Breakneck road (Brigham); — near Kings Point, and on  
 Clark Point, Southwest Harbor; Somesville; field, Juniper  
 Cove (Rand). *Rdu L. (m)*  
*BR.*

J. communis, var. alpina Malb. Perce

M. monophylos Cliffs near Steamboat, Rau & Pa.<sup>+</sup> (M) Bic Carl.  
BR (new anal) NR<sup>+</sup>

Calyptro borealis McC. Great Basin, P. Stead, des M. & Rdu & (M)  
SR<sup>+</sup>(R) BR<sup>+</sup> Bic NR<sup>+</sup> Perce

*C. striata* Poey<sup>+</sup>

*Lauriculata* Kc<sup>+</sup> Br<sup>+</sup> G.D.<sup>+</sup> Gc<sup>+</sup> Puv Rsa-T

CORALLORHIZA, R. Br. CORAL-ROOT.

516

*C. innata*, R. Br. D. G. B. R. C. BR. T

Deep woods; infrequent. Hadlock Upper Pond (H. C. Jones, Rand); — Southwest Valley; Cold Brook; Little Harbor Brook Notch; Clark Valley (Rand); — Sargent Mt. (Brigham); — woods, Jordan Pond road (Redfield); — woods, off Town Hill road, Somesville (R. B. Worthington). *J. R. C. Bie. Redf. G. R. C. U. Table Top (M) Bie 9c*

517

*C. multiflora*, Nutt.

Infrequent, and not as widely distributed as the last. Hadlock Valley (Rand, Redfield); — Bar Island, Bar Harbor (F. M. Day); — woods, Hadlock Upper Pond; Cold Brook; Clark Valley (Rand). *Redf. (M) Bie + C. U. C. BR 9c P. C.*

LISTERA, R. Br. TWAYBLADE.

518

*L. cordata* (L.), R. Br. *Redf. R. C. Y. R.*

Rare. Cold Brook (Rand). *St. A. Adams (M) Redf. (M) G. R. + C. U. + BR. 9c*

*L. convallarioides* (Swz.), Nutt.

Very rare. Woods, head of The Barcelona meadow (Rand). *S. B. R. St. A. Adams (M) Bie (P. C.)*

SPIRANTHES, Richard. LADIES' TRESSES.

519

*S. Romanzoffiana*, Cham.

Frequent in damp ground or meadows. Flowering in late July and August, earlier than the next. *B. R. S. G. R. BR. R. C. + Redf. D.*

520

*S. cernua* (L.), Richard.

Very common in damp ground. Flowering in late August, September, and early October. *S.*

521

*S. gracilis* (Bigel.), Beek.

Infrequent. Roadside near Little Harbor (W. C. Lane); — Beech Cliff; roadsides, Northeast Harbor, and near Fernald Cove; Norwood Road, Southwest Harbor (Rand); — Barr Hill; fields north of Long Pond (Redfield); — Southwest Harbor (Annie S. Downs). *S.*

## GOODYERA, R. Br. RATTLESNAKE PLANTAIN.

522

G. repens (L.), R. Br. *var. aphinoides* *Ma* *BR. GR. Cal. Lc<sup>+</sup>*Frequent in deep woods. Also on Cranberry Isles. *Ma* *BR. GR. Cal. Lc<sup>+</sup>*

523

G. pubescens (Willd.), R. Br.

Rare. Sargent Mt. Gorge; Cold Brook (Rand).

## ARETHUSA, L.

524

A. bulbosa, L.

Common in sphagnum bogs. A form with two scapes, each two-flowered, Sea Wall Swamp; meadow on Denning Brook (Rand).

*Forma albiflora.*

Flowers pure white. Sea Wall Swamp (Redfield, Faxon &amp; Rand); — Somes Pond Swamp; Sunken Heath (Rand); — Great Heath, etc. (Annie S. Downs).

*Forma subcærulea.*

Flowers bluish or lavender in color. Swamp on Denning Brook (Rand).

## CALOPOGON, R. Br.

525

C. pulchellus (Willd.), R. Br.

Common, usually in sphagnum bogs. *C. monensis B. S.*

## POGONIA, Juss.

526

P. ophioglossoides (L.), Ker.

Common in sphagnum bogs and on wet pond shores. On the Island this and the two plants last named are called indiscriminately by the name of Swamp Pink. *C. S.**Forma albiflora.*

Flowers pure white. Jordan Pond (Rand); — Sea Wall; Great Heath (Annie S. Downs).

\*  
- G. Menziesii, Mtalbat (α) Bic<sup>+</sup> Trac Mt. Pucc  
G. Hasselata. Cal<sup>+</sup> G<sup>+</sup> Pucc Ma -

Ochis rotundifolia Rau & (m) Carc. BR<sup>+</sup> GR.

H. truncata Rau & (m)

H. lacera S. &

H. — Ca.

H. psycodes S Pointe aux Feuilles

C. pubescens C. Linn. GR<sup>+</sup> BR<sup>+</sup>

C. parviflorum GR<sup>+</sup> BR<sup>+</sup> - Percé, Can.



HABENARIA, Willd.

- 527 *H. tridentata* (Willd.), Hook.  
Common in moist ground. S.
- 528 *H. hyperborea* (L.), R. Br. *Pond. D. BR GR<sup>+</sup> Bic N. XC<sup>+</sup> Cul.*  
Rare. Swamp, Northeast Harbor (Rand); — trail between  
Jordan Pond and Northeast Harbor (Redfield). *Ca. 9C Rd. T*
- 529 *H. dilatata* (Pursh), Gray.\*  
Frequent in swampy ground. *C, Jc. Mt. Gorge (2) BR BR<sup>+</sup> GR*
- 530 *H. obtusata* (Pursh), Richardson. *D. GR. Cul<sup>+</sup> RR. BR GR 9C*  
Deep, mossy woods; infrequent. Sargent Mt. Gorge; woods,  
head of The Bareelona meadow; Cold Brook (Rand); — Seal  
Harbor (Redfield); — Little Cranberry Isle (Redfield, Harriet  
A. Hill). *Little Fox R. Mt. Alb. 911*
- 531 *H. Hookeri*, Torr. †  
Rare. Woods near Otter Creek (Helen B. Walley). *Rdu L. Bic<sup>+</sup>*
- 532 *H. orbiculata* (Pursh), Torr.  
Deep woods; infrequent. Sargent Mt. Gorge; Northwest  
Arm woods (Rand); — woods, southern end of Great Pond (An-  
nie S. Downs); — Seal Harbor (Redfield, Lizzie Churehill);  
— Little Cranberry Isle (Redfield, Harriet A. Hill). *PSA 1/4 (91) 9C Mt a-*
- 533 *H. fimbriata* (Ait.), R. Br. PURPLE-FRINGED ORCHIS.  
Common in swampy ground. A small-flowered form of this  
species has sometimes been taken for *H. psycodes*, a species not  
as yet discovered on the Island. *C.*

*Forma albiflora.*

Flowers pure white. Hadloek Upper Pond (B. E. J. Gresham);  
— Long Pond meadows (Redfield).

CYPRIPEDIUM, L. LADY'S SLIPPER.

- 534 *C. spectabile*, Salisb. SNOWY LADY'S SLIPPER.  
Swamp, Northeast Harbor (Rand). *BR (1) Rdu L. BR.*

\* Not of Hooker. See A. Gray, Ann. Lyc. N. Y., iii. 231.

† *H. Hookeriana*, Torr., is the more correct name.

535 *C. acaule*, Ait. STEMLESS LADY'S SLIPPER. S.

Common in woods.

*Forma albiflorum.*

Flowers pure white, or white with indistinct pink veins. Near Breakneck Ponds (Rand); — Beech Mt. Notch; woods, Hadlock Lower Pond (R. & R.).

### IRIDACEÆ. IRIS FAMILY.

IRIS, L. BLUE FLAG.

536 *I. versicolor*, L. *Engl. Met. 4. Cul. & R. 18 R. D. 4 R.*  
Very common everywhere in moist ground, especially in low grounds near the coast. C. G. W. S. \*

SISYRINCHIUM, L. BLUE-EYED GRASS.

537 *S. angustifolium*, Mill. *S. Bermudiana*, L.\*

Common in grassy places. Whatever may be the fact in regard to the specific rank of *S. anceps* and *S. mucronatum*, all the Island forms must be referred to *S. angustifolium*. A specimen with a single spathe, collected by F. M. Day, in 1882, probably in the vicinity of Bar Harbor, has been somewhat doubtfully marked *S. anceps* in the herbarium. A recent and more careful examination, however, seems to show that it is nothing more than *S. angustifolium* with smaller, probably immature seeds. It is worthy of remark that not a specimen of the true *S. anceps* form has yet been found on the Island, although *S. angustifolium* is so very abundant. This fact is evidence that these forms of the plant merit at least varietal distinction. Met. P. Inc. D. T. No. 1. S. 30 R. 1. P. 4. C. G. W. S. 90

### LILLIACEÆ. LILY FAMILY.

HEMEROCALLIS, L. DAY LILY.

538 *H. fulva*, L.

Often by roadsides near dwellings; escaped from cultivation. C. G. W. S. 4 R. Town Hill (R. & R.); — Somesville; Emery District; Southwest Harbor (Rand). Adventive from Europe.

\* See Morong, Bull. Torr. Bot. Club, xx. 467.

536<sup>d</sup> Hookeri, C. common on edges of beaches & in humus at edges of  
— seacliffs. B. in part. P. Nere. Pdu L. Louisbourg.  
Abund from Gaspé Basin to Perrot Point (2m) Sic  
N. Can<sup>+</sup> BR. D. GR. Gc. MR. T

D. — S. montanum GR<sup>+</sup> LC<sup>+</sup> BR<sup>+</sup>

*Streptopus vesiculosus* Nutt.

**POLYGONATUM, Adans. SOLOMON'S SEAL.**

539

**P. biflorum (Walt.), Ell. SMALLER SOLOMON'S SEAL.**

Infrequent. Head of Little Harbor Brook Notch; woods, Deer Brook; Canada Valley; copses, Long Pond meadows (Rand); — Hadlock Valley (Redfield); — Rum Key, Porcupine Islands (F. M. Day).

**ASPARAGUS, L.**

540

**A. OFFICINALIS, L. GARDEN ASPARAGUS.**

Escaped from cultivation; in uncultivated field, Southwest Harbor (Rand). Adventive from Europe.

**SMILACINA, Desf. FALSE SOLOMON'S SEAL.**

541

**S. racemosa (L.), Desf. FALSE SPIKENARD.**

Infrequent. Head of Northeast Harbor; woods, Deer Brook; Northwest Arm woods; Southwest Valley road (Rand); — Hadlock Valley; Browns Mt. Notch (Redfield); — Rum Key, Porcupine Islands (F. M. Day). *Tree Mt (1800)*

542

**S. stellata (L.), Desf.** *Picé D. DaR BR. KC. Rest. Pic. St. T. no Mt. Very rare. Porcupine Islands (F. M. Day).* *St. T. no Mt. (R)*

543

**S. trifolia (L.), Desf.** *Keelashim 9c+ T*  
Frequent in peat bogs. *C. B. no. Mall (M) Cas. BR. GR. DaR.*

**MAIANthemum, Wiggers.**

544  
mta-

**M. Canadense, Desf.** *Smilacina bifolia, Ker., var. Canadensis,* Gray. *GR. Cas. Pic. D. DaR. St. 9c*  
DWARF SOLOMON'S SEAL.

Common everywhere in woods, copses, and clearings. *C. P. Rd. 2*  
*Com (M)*

**STREPTOPUS, Mx. TWISTED STALK.**

545  
mta-

**S. amplexifolius (L.), DC.** *Cucumbersham (St) DaR. BR. Picé'*  
Frequent in deep woods, especially along mountain brooks. *D. GR. Pic. St. Cas. 9c*

546

**S. roseus, Mx.**  
Frequent in deep woods. Perhaps more common than the last. *9c*  
*D. DaR Com (M) GR. Pic. KC. BR.*

mta-

CLINTONIA, Raf. WILD LILY OF THE VALLEY. *Oxtonque (98)*

- 547 C. borealis (Ait.), Raf. *BR. DAR. GR. Bic. - t. Cal. XC* *ma fl. Aug/15*  
 Common in deep, moist woods. *C. NO. (du L. S. com/m)* *he T*

## OAKESIA, S. Wats.

- 548 O. sessilifolia (L.), S. Wats. *Uvularia sessilifolia*, L. COMMON  
 BELLWORT.

Common in deciduous woods and in copses.

## ERYTHRONIUM, L. DOG-TOOTH VIOLET.

- 549 E. Americanum, Ker.

Rare. Low ground, Clark Point, Southwest Harbor; Fernald Point (Anna H. Bee).

## LILIUM, L. LILY.

- J 50 L. Philadelphicum, L. BLACKBERRY LILY. WILD RED LILY.

Local, and not widely distributed. Schooner Head (Rand); — Sargent Mt.; Somesville (R. & R.); — Norway Drive, and country about Salisbury Cove (F. M. Day, Clara L. Walley, Mary Minot, Margaret A. Rand).

- 557 L. Canadense; L. WILD YELLOW LILY. CANADA LILY.

Rare. Salisbury Cove (Mary Minot). Very common, however, on the mainland. *Ret. it.* *Metaph (m)*

## MEDEOLA, L. INDIAN CUCUMBER ROOT.

- J 52 M. Virginiana, L.

Frequent in rich woods.

## TRILLIUM, L. WAKE ROBIN.

- J 53 T. *undulatum, Willd.*  
~~*erythrocarpum, Mx.*~~ PAINTED TRILLIUM. *BR+*

Frequent in damp woods. *Coast. Basin (m)* *90*

*Convallaria majalis* QB.

*Lilium* — Bic. Bor.

*Veratrum viride* Q. From Mont Louis to Méti's. Met. A.

*Toxicaria glutinosa* GR (R) BR<sup>+</sup> DR. Pucc

*Zygadenus chloranthus* Rdu L<sup>+</sup> Cliffs along Gaspié coast (M)  
Bic<sup>+</sup> Cas<sup>+</sup> Pucc R. Blanche T

*T. cernuum* S. R. S. A. dictu (M) GR<sup>+</sup> A<sup>+</sup> Pucc A. R. G.C.  
P.S.A

*Terecium* A<sup>+</sup>

*F. effusus compactus*: S. K.

*F. infidus*, mtalb (m)

*F. balticus stenocephus* PR<sup>+</sup>

*F. balticus gracilis* Da R<sup>+</sup>

*F. Davigi*. B.



PONTEDERIACEÆ. PICKEREL-WEED FAMILY.

PONTEDERIA, L. PICKEREL-WEED.

554 P. cordata, L.

Streams and muddy pond shores; common. Forms are sometimes found corresponding to var. *angustifolia* (Pursh), Torr.

XYRIDACEÆ. YELLOW-EYED GRASS FAMILY.

XYRIS, L. YELLOW-EYED GRASS.

555 X. flexuosa, Muhl., var. pusilla, Gray.

Peat bogs and sandy shores; rare and local. Hadlock Ponds (Wm. H. Dunbar, Rand); — Breakneck Ponds (A. H. Smith, R. H. Day); — Jordan Pond (T. G. White, Redfield, Annie M. Rand). It is possible that this may be distinct from *X. flexuosa*, and entitled to specific rank. See Bull. Torr. Bot. Club, xix, 38, where this plant is described as *Xyria montana*, Ries, — *Xyria* being an evident typographical error for *Xyris*. The specific name *montana*, there chosen, is most unfortunately inappropriate.

JUNCACEÆ. RUSH FAMILY.

JUNCUS, L. RUSH.

556 J. effusus, L. COMMON RUSH.

Very common in wet ground. *B. S. f.*

557 J. filiformis, L. *Carl. Sc. Y.R. D. DAR. Rect. Y. G. Bar*

Rare. Edge of pool on Heaths Brook, Tremont, near head of the Marsh (M. L. Fernald). *C. G. 400*  
*Kauk. S., Graft Basin (2)*

558 J. Balticus, Dethard, var. littoralis, Engelm. *Carl. J.R. Paul. A. Big. Y. DAR*

Common in wet brackish ground on the coast. Also on White Beach, southern end of Great Pond (Rand). *C. G. 400*  
*Fr. S. BR.*  
*Wash. Basin to Matabell (2)*

559 J. Greenei, Oakes & Tuck.

Dry ground; rare. Sargent Mt. (Rand); — Southwest Harbor (M. L. Fernald). *C.*

- 560 *J. tenuis*, Willd.  
Fields and roadsides; very common. C.B. VC. S.K. Cul. Lc. D.
- 561 *Jm. secundus* (Beauv.), Engelm.  
Rare. Dog Mt. (Rand).
- 562 *J. Gerardi*, Loisel. BLACK GRASS. C., Ca., Rdu L. k.  
Salt marshes; common.
- 563 *J. bufonius*, L. *Pauc D, GR. DaR. v. Cul; BR. Bic. AR. T*  
Low ground, especially by roadsides; very common. C.B. VC. Rdu L. S.K.
- 564 *J. pelocarpus*, E. Meyer.  
Wet meadows and pond shores; common. A proliferous S.  
form, Denning Pond (Rand).
- 565 *J. articulatus*, L. *Pauc*  
Wet grounds and roadsides; frequent. Northeast Harbor C.S.  
(Greenleaf, Rand); — Somesville (Redfield); — Southwest Harbor; High Head (Rand). *Foy R (m) duna à Beaufile* K.
- 566 *J. militaris*, Bigel.  
Common in streams and ponds.
- 567 *J. acuminatus*, Mx.  
Mt. Kebo (Greenleaf); — near Long Pond (Redfield). Probably not uncommon, but as yet seldom reported.
- 568 *J. Canadensis*, J. Gay, ~~var. longicaudatus~~, Engelm.  
Frequent. Great Head (Redfield); — Southwest Harbor; S.,  
Hadlock Upper Pond; Denning Pond (Rand); — Cranberry  
Isles; Somesville (R. & R.).
- 569 *J. ~~longicaudatus~~* *Pauc*  
~~var. ocarctatus~~, Engelm. *GR. Cul. BR. Pauc D. DaR. Bic. AR. T. RR. XC*  
Very common. *BR. D. VC. S. K. J.*
- LUZULA, DC. WOOD RUSH.
- 570 ~~*L. pennsylvanica*~~ *Saltmarsh*  
*L. pilosa* (L.), Willd. *Pauc*  
Infrequent. Clearing north of Pond Heath; meadow between  
Somesville and Town Hill (Rand); — clearings on Indian Point  
road, Somesville (R. & R.).
- 571 *L. campestris* (L.), DC. *var. multiflora* *Bic. D. T*  
Common in fields, clearings, etc. C. B.

- I. dubleyi. C. Bic<sup>+</sup> AR. Cal. BR<sup>+</sup>

P. Blandie

- var. Williamii. B. Tadoussac. Kdu L. S. N<sup>+</sup>

var. antehelatus. S.

- 563<sup>a</sup>. var. halophilus. C. 4C<sup>+</sup> Rdu L<sup>+</sup> BR<sup>+</sup> DAR<sup>+</sup>

matane

alpinus B. 4C etc. R. Dic a. destm (n) 4R. Cal<sup>+</sup> LC BR. DR Percé DAR.

alpinus insignis Cal<sup>+</sup> BR. 4R. DR. DAR.

- nodosus B. 4C etc. Fry R (n) Rest. Bic<sup>+</sup> Cal. KC<sup>+</sup> BR. 4R. DR.  
Percé DAR. Rda - T

nodosus x alpinus DR<sup>+</sup> DAR<sup>+</sup>

brachycephalus? S.

Stygicus, var. americanus BR<sup>+</sup> 4R<sup>+</sup>

L. parviglans mx alb (m) Rdu L. et. Cal<sup>+</sup> BR. Percé DR. 4R. KC<sup>+</sup> T

571<sup>a</sup> var. lignidus C. S. K. Styg. Bic

var. pallidus BR<sup>+</sup> LC<sup>+</sup> hicut<sup>+</sup>

L. opicata, var.

mta<sup>+</sup>

S. curycarpum Sm.

TYPHACEÆ. CAT-TAIL FAMILY.

TYPHA, L. CAT-TAIL FLAG.

572 *T. latifolia*, L. <sup>Carl</sup> *C. B. to S. K. Dal.*  
 Bogs and marshes; frequent.

SPARGANIUM, L. BUR-REED.

573 *S. simplex*, Huds. *Dar. Xc+ D+*  
 Common in shallow water, in brooks and ditches. Very <sup>Typ R (m)</sup> variable.

574 ~~*S. androcladum*~~, <sup>Marshall</sup> Engelm.  
 Common. From a study of Mt. Desert specimens it appears better not to recognize this variety as entitled to specific rank. *42 D?*  
 There is no well defined dividing line between it and *S. simplex*, and occasionally the two forms appear on the same plant.

575 ~~*S. flychianum*~~, <sup>Rob.</sup> Engelm.  
 Floating in water of moderate depth. Somes Pond; Southeast Creek, Bass Harbor (Rand); — Witch Hole (Redfield).

576 *Var. angustifolium* (Mx.), Engelm. *Grand Valley (m) Gc+*  
 Rare. Seal Cove Pond (R. & R.); — pool, Hunters Brook (Rand). Apparently also in Hadlock Upper Pond (Rand).

577 *S. minimum*, Fries.  
 Ponds and streams; frequent. The Barcelona; Hadlock Upper Pond, etc. (Rand); — Jordan Stream (R. & R.); — *BR+GR+* Northeast Creek (M. L. Fernald).

ARACEÆ. ARUM FAMILY.

ARISÆMA, Mart. INDIAN TURNIP.

578 *A. triphyllum* (L.), Torr. JACK-IN-THE-PULPIT. *gc*  
 Rich woods, boggy places, and meadows; infrequent. Jordan Pond trail from Northeast Harbor; The Barcelona meadow; Northeast Meadow (Rand); — roadside, north of Doctors Creek (R. & R.).

## CALLA, L. WATER ARUM.

579 *C. palustris*, L. WILD CALLA LILY. *DAK. GR. P. D. A. B. R.*  
 Rare. Near Northeast Harbor (F. L. Temple); — The Heath,  
 Great Cranberry Isle (Arnold Greene, Redfield).

## SYMPLOCARPUS, Salisb. SKUNK CABBAGE.

580 *S. fetidus* (L.), NUTT.

Swamps; rare. Cranberry Isles (H. C. Jones, Rand, Redfield); Sea Wall and vicinity (Rand). So far as at present known the distribution of this species is very peculiar. There seems to be no good reason why it should be confined to such a limited area. It may be noted that a slight elevation of the coast line would connect the Cranberry Isles, where it occurs most frequently, with Mt. Desert Island at the Sea Wall and vicinity, where it also occurs. *FP*

## ACORUS, L. SWEET FLAG.

581 *A. Calamus*, L.

Low grounds; rare. Near head of Doctors Creek; near Otter Creek (Redfield); on the "Overflow Brook," Somesville. (R. & R.). *S.*

## ALISMACEÆ. WATER-PLANTAIN FAMILY.

## SAGITTARIA, L. ARROWHEAD.

582 *S. variabilis*, Engelm.

Common in shallow water or wet places. Very variable; the various so-called varieties or forms apparently passing into one another by intermediate forms.

583 *Forma hastata.* *BR+ RR*  
 Common.

584 *Forma obtusa.*

Somes Stream (W. H. Dunbar, R. & R.).

Lemna minor Sm.

Lemna troulca Sm.

Alisma Plantago L. S.

S. arifolia, Bic. N. LC BR<sup>+</sup> da R. JK

587. C.

~~584~~ palustris, C. B. 42. 4c. Ca. Cape Rosier (m)  
Ca. Escur. 9R Bic 1R. OR. Peice. D. Dar. T

P. hexcorymbus, Grand Vallée (m) 2c 9R<sup>+</sup> OR. Dar.



585

*Forma angustifolia.*

Near Bar Harbor (F. M. Day); — Seal Cove Pond; Ripples Pond (Rand); — Somesville (R. & R.). *Pore.*

586

*S. graminea*, Mx.

Infrequent. Somes Stream (W. H. Dunbar, R. & R., Arnold Greene); — Great Pond; Seal Cove Pond (Rand).

## NAIADACEÆ. PONDWEED FAMILY.

## TRIGLOCHIN, L. ARROW GRASS.

587

*T. maritima*, L. *T. Oak. J. D. AR. GR<sup>+</sup> Bic. lacum. AR*  
Common in salt marshes, and on muddy coast shores. *C. B. & C. C. C.*

588

*S. palustris*, L.

Rare. Sunken Heath (Faxon, Rand); — The Heath, Great Cranberry Isle (R. & R.). *GR<sup>+</sup> J.*

## POTAMOGETON, L. PONDWEED.

589

*P. natans*, L.

Ponds and deep streams; frequent. Seal Cove Pond; Great Pond (Rand); — Somes Pond (R. & R.); — Northeast Creek; Witch Hole (Redfield). *Gaspé Coast (M)* *to GR<sup>+</sup>*

590

*P. Oakesianus*, Robbins.

Rare. Northeast Creek; Bubble Pond (R. & R.).

591

*P. Pennsylvanicus*, Cham. *P. Claytonii*, Tuck.

Common in ponds, streams, and ditches. A very slender deep-water form, Somes Pond (Rand).

592

*P. hybridus*, Mx. *P. diversifolius*, Raf.

Rare. Ripples Pond (Fernald, Rand). With and without floating leaves.

593

*P. perfoliatus*, L.

Infrequent. Long Pond; Jordan Stream (Redfield); — Northeast Creek (E. Faxon, Rand, M. L. Fernald).

*Grass. ...* 11 *DR.*

594 *Maifane*  
 Var. lanceolatus, Robbins. Var. *Richardsonii*, Bennett.

Rare. Northwest Arm, Great Pond (M. L. Fernald). YR

595 P. pusillus, L. *Dark.*

Rare. Northeast Creek (M. L. Fernald). B. - Grand (called m) *modicum (R. m)*

#### RUPPIA, L. DITCH GRASS.

596 R. maritima, L.

Ponds and streams of brackish water along coast; common. *Edm. & ST. Cal Oak*

#### ZOSTERA, L. EEL GRASS.

597 Z. marina, L.

Very common in shoal water along the coast. *W. Dark Br. Carl.*

#### NAIAS, L. NAIAD.

598 N. flexilis (Willd.), Rostk. & Schmidt.

Rare. Ripples Pond (Rand). *B. Metaph. m. GR.*

#### ERIOCAULEÆ. PIPEWORT FAMILY.

##### ERIOCAULON, L. PIPEWORT.

599 E. septangulare, With.

Common in ponds and along pond borders. Sometimes in deep water, sending to the surface scapes six to ten feet in length, as in Jordan Pond (R. & R.).

#### CYPERACEÆ. SEDGE FAMILY.

##### DULICHIMUM, Pers.

600 D. spathaceum (L.), Pers.

Frequent on borders of ponds and streams.

##### ELEOCHARIS, R. Br. SPIKE RUSH.

601 *obtusum*  
 E. ~~ovata (Roth)~~ ~~R. Br.~~ E. obtusa, (Willd.), Schultes.

Uncommon. Muddy margins of mill-pond and of *S K.*  
 Stream, Somesville; bog-hole, High Head; stream near head of  
 Southwest Harbor (Rand).

P. obtusifolius, Pointe Fane (m) Dak?

P. alpinus, B. P. Madewell (m) BR<sup>+</sup> OR D.

P. pectinatus, B. BR. Broad Cr L. T. OR<sup>+</sup> Dak<sup>+</sup> <sup>not sure</sup>

P. pauciflorus Magdalenk (m) pusillus var. Sturrockii

P. marinas Madeline R (m) Dak. G. Vallés

P. filiformis BR<sup>+</sup> OR<sup>+</sup> Dak<sup>+</sup> RC<sup>+</sup>

Zinnichellia palustris, C. BR. Sm. BR OR Dak. Hedden

— used to bank houses. CB.

*E. intermedia* LC<sup>+</sup> BR<sup>+</sup> DAR<sup>+</sup>

*S. pauciflorus* Sib<sup>+</sup> BR. *guadalupensis* (M) Cal LC<sup>+</sup> BR<sup>+</sup> BR BR  
DAR.

*S. occidentalis* BR<sup>+</sup>

- 602 *E. olivacea*, Torr.  
Rare. Sandy margin of Somes Stream (M. L. Fernald).
- 603 *E. palustris* (L.), R. Br. <sup>R. Br.</sup>  
Swamps; infrequent. Seal Harbor; Baker Island (Red- C. Br.  
field). <sup>Litt. Fox R (M)</sup> <sup>LC BR+GR D Oak T</sup>
- 604 Var. *glaucescens* (Willd.), Gray. <sup>DR T</sup>  
Very common in marshy ground along the coast. Southwest C. Br.  
Harbor; Sea Wall; Somesville; Great Cranberry Isle, etc.  
(Rand); — Great Duck Island (Redfield). <sup>Dr. Cole - BR+GR L</sup>
- 605 *E. tenuis* (Willd.), Schultes. <sup>R. Br.</sup>  
Wet ground and pond shores; very common. Variable. C. BR  
<sup>Grand Etap (M) GR DR</sup>
- 606 *E. acicularis* (L.), R. Br. <sup>St. A. L. R (M) C. Br.</sup>  
Muddy places; infrequent. Hadlock Lower Pond (Green- C.  
leaf); — Somesville (R. & R.). <sup>DR.</sup>
- 607 *E. pygmæa*, Torr.  
Rare. Brackish marsh, Little Cranberry Isle (Redfield). <sup>B. BR+DR</sup>

SCIRPUS, L. CLUB RUSH.

- 608 *S. cæspitosus*, L.  
Local and infrequent. Boggy depressions, Sargent Mt. (R. C. Br.  
& R.); — The Heath, Great Cranberry Isle, — in great abun-  
dance; Sunken Heath (Rand). <sup>W. H. L. (M) GR BR. MC</sup>
- 609 *S. subterminalis*, Torr.  
Ponds and streams; infrequent. Bar Harbor (W. Boott); —  
Seal Cove Pond and Brook; Somes Pond (R. & R.); — Denning  
Pond and Brook; meadow at outlet of Great Pond (Rand).
- 610 *S. <sup>americanus</sup> pungens*, Vahl.  
Rare. Bog on shore south of Sea Wall (Rand). <sup>C. S. BR DR.</sup>
- 611 *S. <sup>validus</sup> lacustris*, L. *S. validus*, Vahl.  
Ponds and marshes; common. In brackish water, Sea Wall <sup>B. MC.</sup>  
(Rand); — Great Cranberry Isle (R. & R.); — Little Cranberry S. T.  
Isle (Redfield). <sup>BR+GR DR.</sup>

- 612 *campestris*, v. *paludosus*  
~~S. maritimus~~, L. *DR R., Rdu X. Ca.*  
 Salt marshes and muddy beaches along the coast; very *Bto. S.*  
 common.
- 613 *substrictus*, *br*  
~~S. sylvaticus~~, L., var. *digynus*, Boeckl. — *S. microcarpus*, Presl. *DR GR. Cal. M. P. S. P.*  
 Wet ground; common. Blooming earlier than the next. *C. P. S. Rdu X.*
- 614 *S. atrovirens*, Muhl. *Rdu - T. S. K. T. D.*  
 Wet ground; frequent. Northeast Harbor; High Head; *C. Rdu X.*  
 Prettymarsh; Southwest Harbor; Seal Cove, etc. (Rand); —  
 Seal Harbor (Redfield). *DR.*

## ERIOPHORUM, L. COTTON GRASS.

- 615 *E. cyperinum*, L. *Scirpus Eriophorum*, Mx.  
 Wet ground; common and variable.
- 616 Var. *laxum* (Gray), Wats. & Coult.  
 Frequent. Seal Harbor; Long Pond meadows; Bubble Pond  
 (Redfield); — Southwest Harbor (Rand).
- 617 *E. alpinum*, L. *Ca. te. M. R.*  
 Rare. Bog, Northeast Harbor (R. & R.); — borders of *DR. BR.*  
 Upper Breakneck Pond (Redfield). *S. GR. Cal.*
- 618 *callitrix*, *Cham.*  
~~*E. vaginatum*~~, L. *R. Blaude*  
 Peat bogs and swamps; frequent. Southwest Harbor; Sar- *C. S. H.*  
 gent Mt. (Greenleaf, Lane & Rand); — Little Cranberry Isle; *S. J.*  
 Great Heath (Redfield); — Sunken Heath, etc. (Rand). *Com (M)*
- 619 *E. virginicum*, L. *C. S. H.*  
 Open bogs and swamps; common. A form bearing unequally  
 peduncled spikelets, Great Cranberry Isle (Rand).
- 620 *viridi-carinatum*  
~~*E. polystachyon*~~, L. *M. R.*  
 Frequent. Meadow on Sunken Heath Brook (Redfield); — *C. S. H.*  
 Sea Wall Swamp (Rand); — Prettymarsh (Greenleaf, Lane &  
 Rand). *mt alb (M) Cal. S. GR.*
- 621 Var. *latifolium* (Hoppe), Gray.  
 More common than the type, — if the varietal distinction is  
 valid. Sargent Mt. (Greenleaf, Lane & Rand); — Bulls Cove;

- *S. rufus*, B. Pr. BK, etc. Aphonia to mutans Esom. Ca. N. Lc.  
BR. DAR. Etadum.

*S. atrovinctus*, C. Poe. S. K (rare) N. Cal. Lc+ BR. GR. D. DAR

" " var. *brachypodus* BK. D.

*pedicellatus* K. Lc+

*cyperinus*, K.

" var. *condusatus*, K.

*E. muscicola*, Mt. Alb. & P. F. (N)

*E. polytaehion* Ca. Grano Padre Mtl.

622a. *tenellum.*  
~~*fragrans*~~ C. S. BR<sup>+</sup> GR.

*R. capillacea* BR<sup>+</sup>



Somesville, etc. (Rand);— Seal Harbor, etc.; Cranberry Isles (Redfield).

622 *E. gracile*, Koeh.

Frequent. Seal Harbor; Little Cranberry Isle (Redfield);— Southwest Harbor; High Head; Great Cranberry Isle (Rand); — "Mt. Desert" (F. M. Day).

C. B. de  
Ca.

RHYNCHOSPORA, Vahl. BEAK RUSH.

623 *R. fusca* (L.), Roem. & Schultes.

Frequent. Long Pond meadows; Sea Wall (Redfield);— Somes Pond Swamp (R. & R., Fernald);— Denning Brook; at outlet of Great Pond; Ripples Pond, etc. (Rand).

M. J. de

624 *R. alba* (L.), Vahl.

Wet ground; common.

JR. S. Jr. BR. GR. RR

CLADIUM, P. Br. TWIG RUSH.

625 *C. mariscoides* (Muhl.), Torr.

Infrequent. Outlet of Hadloek Upper Pond (R. & R.);— "Mt. Desert" (F. M. Day);— Somesville (M. L. Fernald);— swamp above Long Pond (Redfield).

CAREX, L. SEDGE.

626 *C. pauciflora*, Lightf. *Yam. Miram. MIA -*

Rare. Borders of Sea Wall Swamp (R. & R.);— Sunken Heath (Rand).

Sh. J.

627 *C. Michauxiana*, Boeckl. *C. rostrata*, Mx. *C. abacta*, Bailey.

Rare. Bog, Somes Pond (Rand). *Causo, Madam Bot.*

C

628 *C. folliculata*, L. *Pictou, Annap.*

Common in swamps and damp meadows.

629 *C. intumescens*, Rudge.

Common in swamps and wet ground.

DAR Dalt. C. S Bic J. BR. RR

Bigby. Sr. Anor. GR MJK

- 630 *C. oligosperma*, Mx. *Tabletop*.  
Rare. "Meadow at Gorge, near Bar Harbor" (W. Boott, spec. in Gray Herb.); — "Mt. Desert" (Randall Spaulding); — marsh, foot of Lower Breakneck Pond (E. Faxon).
- 631 *C. utriculata*, Boott.  
Swamps; common. A form with very narrow spikes, Pond Heath (R. & R.). *com.*
- 632 Var. *minor*, Boott. *Tabletop qc mta*.  
Infrequent. Long Pond meadows (Redfield); — Northeast Meadow (R. & R.). *Rd. com. - SC. BR. GR. D. T. Red L.*
- 633 *C. lurida*, Wahl. *C. tentaculata*, Muhl.  
Common in swamps and wet ground everywhere. *C. K. Digby, Halij. Yarn.*
- 634 *C. hystericina*, Muhl.  
Rare. Meadow on Little Harbor Brook (Redfield). *RR. BR. 209.*
- 635 *C. Pseudo-Cyperus*, L. *Gausse, Picton. Annap*.  
Not uncommon. Seal Harbor (Redfield); — bog south of Sea Wall; bog at northern foot of Beech Hill (Rand). *com. m. Cav. BR. GR. N. S. Bic*
- 636 *C. scabrata*, Schw.  
Common in wet ground. *Q. K. qc*
- 637 *C. Houghtonii*, Torr. *Richibucto*.  
Frequent by roadsides and in clearings. Roadside, Intervale Brook valley; Sea Wall (R. & R.); — clearings, Youngs District (Faxon & Rand); — East Peak of Western Mt.; near Oak Hill; road west of Browns Mt. (Rand); — Southwest Harbor (Faxon); — Bubble Pond road (T. G. White). *f. m. Bic*
- 638 *C. filiformis*, L.  
Common in bogs and on boggy shores of ponds and streams. An immature form, probably var. *latifolia*, by roadside south of Salisbury Cove (Greenleaf, Lane & Rand). *com. (m) C. B. M. GR.*
- 639 *C. fusca*, All. *C. Buxbaumii*, Wahl. *RR. +*  
Rare. Summit of Green Mt. (E. Faxon). *de, Pt Fane & Matane (m)*

*C. saxatilis*, var. *miliaris*. Trichibuct. Pothsay - Dury, Con.

*C. vesicularis*, var.

GR<sup>+</sup>

~~*C. striata*~~ *ambigua*, etc.<sup>+</sup>

*C. retrorsa*, B. K. & etc. <sup>+</sup> etc. Dak. Pictou, GR

Rau L. Rsa-

var. *catifolia*, Rau L. com (m)

*C. atrata* *ovata*, PD. BR<sup>+</sup> <sup>not alb. material.</sup> R. Stea. etc<sup>+</sup> GR<sup>+</sup> T Rsa-

*C. alpina*, Falls of Stea. d. etc. <sup>not alb. material</sup> (m) BR<sup>+</sup> Rsa-

*C. rigida* - Mtd -

*C. rigida* Biglowii, Mt Alb (m) Tal Top

C. aquatilis BR. + Cap Louis, Tal Top, Matauek, Ca no  
Ca (m) Sog, GR, DR, OR, NR, Mtd -

*C. "* var. BR.

*C. "* var. epigeios Madelia R (m) Cap Louis, Mt Louis,

*"* var. cuspidata, G. Etang.

*C. glauca*, Windsor.

*C. tortu*, Truro GC.

*C. salina* B. BR. Ca. abund (m) A, BR OR, DR, T  
BB, Rim, Stands, Yarnu.

*C. subspathacea*, Cap Louis (m)

*C. cryptocarpa*, Cap Louis Fox R (m) Lick Fox C, Grand.

*C. opposita*, Grand Vallée (m), Percé, Ca no

*C. limosa* AC no. mt alb (m) GR ST BR, Ca

*C. variflora* mt alb, TT.

*C. May*, gum pauperella mta -

*Madame Id. Halij Staur. Weymouth*

640

*C. vulgaris*, Fries. *C. rigida*, Good., var. *Goodenovii* (J. Gay),  
Bailey (Gray, Man., 6th ed., 2d issue, 735 c). *Causo*

Common in low grounds; variable. A singular dwarf form,  
with small very black spikes, Sea Wall (Rand); — Somesville  
(Faxon & Rand). *At Louis Matane*

*C. B. B. S.*

641

Var. *strictiformis*, Bailey. *C. rigida*, Good., var. *strictiformis*,  
Bailey, l. c.

Frequent. Northeast Harbor (Greenleaf); — Somesville (R.  
& R.); — Great Cranberry Isle (Rand); — Northwest Arm,  
Great Pond; Little Cranberry Isle (Redfield).

*C.*

642

*C. stricta*, Lam. *Bass R. Winton*

Common in wet ground. *C. B. D. R.*

*Matane*

643

Var. *angustata* (Boott), Bailey.

Infrequent. Intervale Brook valley (Rand); — Somesville  
and vicinity (Redfield, Faxon, Rand).

644

Var. *decora*, Bailey.

Rare. Meadow on Sunken Heath Brook (Rand).

645

*C. lenticularis*, Mx. *Windsor*

Gravelly borders of ponds and streams; frequent. Stanley  
Brook, Seal Harbor (Redfield); — Jordan Pond; Great Pond  
(R. & R.). *T. Sted. Sec. m. GR. YK. 9C*

646

*C. maritima*, O. F. Mueller.

Marshy shores on the coast; common. Southwest Harbor;  
Northeast Harbor; Seal Harbor; Otter Creek; Thomas Bay;  
High Head; Seal Cove; Bass Harbor, etc. *Escant. V.*

*Kouchib. Stapan. Causo. C. B. C.*

647

*C. crinita*, Lam.

Low ground; common.

*C. B. S. K. YK. 9C*

*K.*

648

Var. *minor*, Boott.

Rare. On Little Harbor Brook, at crossing of Northeast  
Harbor trail to Jordan Pond (Redfield).

649

*C. Magellanica*, Lam. *C. irrigua*, Smith. *Causo. Yarus. Sry.*

Frequent in cold bogs. Also Green Mt. (Redfield); — Sar-  
gent Mt. (R. & R.); — Little Cranberry Isle (Redfield).

*C. B. C.*

*Mat. C. C. m. YK. C. C. R. B. R. D.*

*S*

- 650 *C. arctata*, Boott. *Peric. D. 9c mta -*  
Common in woodlands. *C. B. M. R. R. G. R. Bie. A. Cal.*
- 651 *C. debilis*, Mx., var. *Rudgei*, Bailey. *C. B. M. Cal.*  
Common. *Digby, Cass. Hal.*
- 652 *C. gracillima*, Schw.  
Meadows and low ground; frequent. Seal Harbor (Redfield); *C. P. D.*  
— south of Town Hill; High Head meadow (Rand); — North-  
east Meadow (R. & R.), and elsewhere. *Essex. N. D. R. 9c*
- 653 *C. flava*, L. *9c Rda - T*  
Common in low ground. *W. C. C. S. G. R. L. C. B. R. D. Peric. Cal.*
- 654 Var. *graminis*, Bailey.  
Uncommon. Shores, Northwest Arm, Great Pond; Ripples *C. W.*  
Pond (Rand); — field near Ship Harbor (Redfield & Faxon); —  
Long Pond meadows (Redfield). Depauperate forms of this va-  
riety are found in abundance on shores of Great Pond (Rand).
- 655 Var. *viridula* (Mx.), Bailey. *C. Aederi*, Gray, Man., 5th ed. *C. P. M. BR*  
Common in both wet and dry ground.
- 656 *C. pallescens*, L. *Digby, Yau. St. Louis.*  
Common in low ground. *C. 9c. R. L. K. . West Basin (M) D. R.*
- 657 *C. conoidea*, Schk. *St. Louis, Annap.*  
Low ground about Long Brook, Great Cranberry Isle (Red-  
field, Rand); — Southwest Harbor (M. L. Fernald).
- 658 *C. laxiflora*, Lam.  
Grassy places; common and variable.
- 659 Var. *varians*, Bailey. *9c mta - T*  
With the type, and as common. *C. W. C. G. R. Bie. A. Cal. BR. D. 9c*
- 660 *C. PANICEA*, L.  
Rare. Low grassy ground at mouth of Long Brook, Great  
Cranberry Isle (Theodore G. White, Redfield). Appearing  
indigenous, but probably naturalized here from Europe for many  
years.

*C. acutata* Favoni Perce mta -  
*C. caerulea*, etc. freq (m) BR<sup>+</sup> Dant. L. Anso Gippi  
*C. capillaris*, Perce, not alb.  
*C. capillaris clausata*. etc. L. Metis Rsa -  
 T qc mta - R. Ste A. Perce DR.  
*C. Kniesdemii*.

*C. fulva*

*C. ederi* etc. BR<sup>+</sup> Perce  
 C. — BR<sup>+</sup> RR  
*C. fava* tectirostra. BR<sup>+</sup>

*C. livida* RR<sup>+</sup> BR<sup>+</sup>

*C. vaginata*. etc. R. de L. mta (m) Carl. RR<sup>+</sup> RR mta -

*C. bicolor*? BR<sup>+</sup> qc<sup>+</sup> Rsa -

*C. aurea*, etc. R. de L. a freq (m) Rust. Escum RR. et. Carl. XC. RR.  
 Perce DR RR R. Ste A. Ste Andr.

*C. aburnea*. Shig<sup>+</sup> RR<sup>+</sup> Bic<sup>+</sup> Carl<sup>+</sup> XC<sup>+</sup> BR. Perce DR qc  
 mta

*C. petunculata*, VC. <sup>d</sup> abund (m) GR + Cal LC, BR  
ec mta-

*C. concinna* GR<sup>+</sup> LC<sup>+</sup> BR<sup>+</sup> mt Steadman<sup>+</sup> ec, Parci  
Rsa-

*C. sciupidea* m, alb (m) GR<sup>+</sup> BR<sup>+</sup> Parci BR  
Rsd-

*C. albicans*, Steadman, ec<sup>+</sup> Parci Rsa-

umb. var. bevirostis, ec, LC



661

*C. deflexa*, Hornem. *C. Novæ-Angliæ*, Gray, Man., 5th ed., mostly; *non* Schweinitz.

Not uncommon on mountains, and in dry ground in woods and clearings. Sargent Mt.; Beech Mt. Notch; Breakneck road; Southwest Valley road; Southwest Harbor; Hadlock Lower Pond; Somesville (Rand). On Town Hill road, Somesville, a form approaching var. *Deanei* (Rand). mka -

218  
BR 4+  
90+ Paed

662

Var. *Deanei*, Bailey.

Frequent in dry clearings. Somes Pond pastures; Hulls Cove; Beech Hill cross-road (Rand); — Somesville; Seal Harbor (Redfield); — Indian Point road, Somesville (Faxon & Rand).

C. Truro  
Hal.

663

*C. varia*, Muhl. *C. Emmonsii*, Dewey.

Infrequent. In dry ground, Sutton Island (Redfield); — Beech Hill cross-road (Rand); — Norwood Road, Southwest Harbor (Faxon & Rand).

664

*C. Novæ-Angliæ*, Schw. *S.*, *Staut.*, *Stg.*

Common, especially in dry clearings. Beech Cliff; Somes Pond pastures; Intervale Brook valley; Sargent District; Seal Cove; Indian Point road, Somesville; Norwood Road, Southwest Harbor; head of The Barcelona, etc. (Rand); — Breakneck road, etc. (Redfield). com (M)

C. 230  
Cult

665

*C. Pennsylvanica*, Lam.

Infrequent. Abundant, however, along the Indian Point road between Somesville and Oak Hill (R. & R.); — Breakneck road, near Hulls Cove (Redfield).

*C. communis*, Bailey. *C. varia*, Gray, Man., 5th ed.

666

Common in dry ground everywhere. A form from Beech Mt. Notch "approaching var. *Wheeleri*, Bailey" (Rand). A form from clearing on Meadow Brook, Indian Point road, Somesville, with very soft, short, bright green leaves (Faxon & Rand). Perigynia of this species much infested by a smut.

C. A. Truro  
D. 9c

667

*C. umbellata*, Schk.

"Very low and compact, with the spikes all closely clustered near the surface of the ground." L. H. Bailey, Bull. Torr.

11

Bot. Club, xvi. 219. Frequent. High Head; Browns Mt.; Youngs District, etc. (Rand); —Breakneck road (Redfield).

Var. *vicina*, Dewey.

668 "Looser and taller than the type, with many of the peduncles elongated and becoming true culms." Bailey, *l. c.* More common than the type. Sargent Mt.; clearings, near Sunken Heath; Intervale Brook valley; Beech Mt. Notch, etc. (Rand); —Somesville; Sargent Mt.; Beech Cliff (R. & R.). Forms intermediate between this and the type are not infrequent.

669 *C. polytrichoides*, Muhl. <sup>med -</sup> <sup>min. Digo</sup> D. Oak Hill, Br. Pond, etc.

Low ground, and damp grassy places; common. C. N. C. com. in, GR

670 *C. stipata*, Muhl. <sup>hc RSD</sup> <sup>see</sup>

Very common, and variable. C. B. J. Oak Hill, Br. Pond, etc.

671 *C. tenella*, Sehk.

Damp places; infrequent. Sargent Mt.; woods on Town Hill road, Somesville (Rand). <sup>Medicine R (m) Oak Hill, Br. Pond, etc.</sup>

*C. exilis*, Dewey. <sup>Madison Isl. N. W. Arm. Canoe</sup>

672 Swamps and pond borders; frequent. Breakneck Ponds (R. & R.); —Somes Pond (E. Faxon); —Sunken Heath (Rand). Perigynia much infested by a smut. <sup>GR<sup>+</sup> S.</sup>

*C. sterilis*, Willd. <sup>stellulata</sup> *C. echinata*, Murray, var. *microstachys*, Boeckl. Gray, Mau., 6th ed., 618.

673 Short, stiff, and erect (usually not much exceeding 1° in height), the old leaves often persistent; head tawny or greenish-yellow, short, composed of from three to five small loosish contiguous spikes, of which the uppermost is usually conspicuously attenuated at the base by the presence of staminate flowers, — sometimes the terminal spike, or even the whole head, is entirely staminate; perigynium thin and flat, conspicuously contracted into a slender beak, — which is nearly or quite as long as the body and spreading so as to give the spike an echinate appearance, — sharp-edged and rough on the upper margins, variously nerved and very sharply toothed. L. H. Bailey, Bull. Torr. Bot. Club, xx. 424. Common in bogs and meadows. Head of <sup>not all.</sup> <sup>C. B. etc.</sup> <sup>D.</sup> <sup>Brush</sup>

- *C. Baetii*. Pie<sup>+</sup> Trac<sup>+</sup> Mt (1200-1900)<sup>+</sup>

*C. vulpinoidea* GR<sup>+</sup>

*C. chiodorhiza* GR<sup>+</sup>

*C. veretiuscula* Vte<sup>+</sup> <sup>Tennessee</sup> Fox R (M) GR. LC. Cal. BR. D. JR

*C. fusca* BR<sup>+</sup>

*C. rosea*, var. *radiata* Vt<sup>+</sup> Gc<sup>+</sup>

*C. quercatus*. Metis (P.) GR<sup>+</sup> Cal<sup>+</sup> Vt<sup>+</sup> BR. *Stellaster*.

*C. Metis*

C. intricatus. VC. GR<sup>+</sup> Carb. P.R. Dgby GC. MR. Pooc.

Northeast Creek; Sargent Mt.; High Head, and elsewhere (Rand); — Somesville; Sea Wall (R. & R.).

Var. *excelsior*, Bailey. §. *Yauu. Causo*

674 Taller and more slender (often 2° high), the heads usually more scattered and mostly somewhat greener. Bailey, *l. c.* Common in bogs and low grounds throughout the Island.

Var. *cephalantha*, Bailey. *C. echinata*, Murray, var. *cephalantha*, Bailey. Gray, Man., 6th ed., 618. *Causo*

675 Rather stiff but slender and tall, or the top of the culm weak (1°-2° high); head mostly continuous or more or less dense and composed of five to eight approximate (rarely scattered), large (15-30-flowered) green or greenish loose spikes, in which the mature narrow long-beaked perigynia usually spread nearly or quite at right angles. Bailey, *l. c.* Frequent. Little Cranberry Isle; Barr Hill; Seal Harbor (Redfield); — meadow, Doctors Brook; High Head meadow (Rand); — Salisbury Cove (R. & R.).

Var. *angustata* (Carey), Bailey. *C. echinata*, Murray, var. *angustata*, Bailey. Gray, Man., 6th ed., 618.

676 Very slender, sometimes almost thread-like, weak, bearing long and narrow divaricate perigynia, which are either in loose small heads or in scattered spikes. Bailey, *l. c.* Rare. Wet ground at junction of Prettymarsh and Seal Cove roads (Rand).

C. *Atlantica*, Bailey. *C. echinata*, Murray, var. *conferta*, Bailey. Gray, Man., 6th ed., 618. *Miquoi. Causo. Hal.*

677 Tall (16'-24') and very stiff and strong, the leaves broad but stiff and usually becoming somewhat involute when dry; spikes contiguous or scattered, spreading, globular or short-cylindrical, densely flowered, green; the terminal one slenderly contracted below or even entirely staminate; perigynium large and very broad (the body about as broad as long), with a distinct rough, bifid beak, strongly many-nerved, especially upon the back, squarrose or usually retrorse at maturity, shelling off readily when ripe. Bailey, *l. c.* Frequent. Sargent Mt.; Freeman Heath; meadow on Sunken Heath Brook; wood road to Aunt Bettys Pond (Rand). None of the specimens thus far collected are really typical.

*C. canescens*, L.

RLA-

Wet grounds; common everywhere. Forms approaching var. *alpicola*, Wahl., occur on Indian Point road, Somesville; in woods near Spruce Point, Eden; and near northern end of Denning Pond (Rand).

C. B. Ca.  
JK  
Pence

678

Var. *vulgaris*, Bailey.

Miram. DAR

Common as the type; in woods and drier places.

C. B. W. S. Pence

679

*C. Norvegica*, Willd.

Grand Etang DAR, Ca.

Rare. Borders of salt marsh, Little Cranberry Isle (Red-field).

C. B. etc.

680

*C. trisperma*, Dewey.

D. DAR, GR, Pict. Miram. Rdu L.

Common in bogs and wet ground.

C. B. W. S. com (M) etc. etc. etc. etc.

681

*C. Deweyana*, Schw.

D. Acad. M. GR, Cal. etc. etc. etc. etc.

Rare. Southwest Valley road (Greenleaf, Lane & Rand).

P. D. etc. etc.

882

*C. tribuloides*, Wahl.

Campbellton

Northeast Meadow (R. & R.); — burnt woods, Youngs District (Rand). Commonly appearing in the next named variety.

683

Var. *reducta*, Bailey.

Met. Miram. Kord. etc. etc.

More common than the type. In copse, near bridge at mouth of Northeast Creek; High Head meadow; Oak Hill; bog at northern foot of Beech Hill (Rand).

C. etc. etc. etc. etc.

684

Var. *cristata* (Schw.), Bailey.

*C. cristata*, Schw.

Rare. Damp roadside at northern foot of Beech Hill (Rand).

685

*C. scoparia*, Selk.

Ca. King. Am. etc. etc.

Common everywhere.

C. B. S. etc.

686

*C. adusta*, Boott.

R. Pl. etc. etc. etc. etc.

Dry ground; infrequent. Beech Mt. Notch; Youngs District; Somesville; road west of Browns Mt. (Rand).

etc. etc. etc.

687

Var. *minor*, Boott.

Salmon, Kent. etc.

Local, but not uncommon. Mt. Kebo (Greenleaf); — burnt woods, south of Sunken Heath (Faxon & Rand); — Sea Wall road, Southwest Harbor; Intervale Brook valley; road west of Browns Mt. (Rand).

B. etc.

688

*C. heluola*, B.

6799 var. *sublobata* C. B. D. Oak. Hal.

6796 var. *disjuncta* C. B. D. Oak. Bassl,

*C. tenuiflora* JH<sup>+</sup>

~~*C. clausa*, Rdu L., Cammell, & in Faun. Lap. Esent. Bic. \*~~

~~*C. ampligena*, Rdu L., Gr., Etay, Locum, et, Dalh.~~

~~*Laforma* Pt. Seche (m) Shickshocks at 4000ft. Mta -~~

*C. Deweyi* von Bolander. Gc<sup>+</sup> MR<sup>+</sup> Mta<sup>+</sup>

*C. Hebbii*, DC. ex N. Cas<sup>+</sup> LC. MR. BR. GR. Pici D.

R. Krauche

*C. aenea* C. B. D. Oak. Bic J<sup>+</sup> MR. Bassl. Gc<sup>+</sup>

LC MR.

*C. pratensis*. Tract Mt (1800-1900)<sup>+</sup> Halifax

*B. leporina*. Yarmouth



- 689 *C. foenea*, Willd. *C. adusta* of Gray, Man., 5th ed. *Cus.*  
Dry ground; common.
- 690 Var. *perplexa*, Bailey.  
Rare. Somesville (Redfield); — Beech Hill (Rand). *K.*
- 691 *C. silicea*, Olney. *Miram. Sable I.*  
Rare. Beach near Thumbcap, Great Cranberry Isle (R. & R.). *BS K D*
- 692 *C. straminea*, Willd. *C. straminea*, var. *tenera* of Gray, Man., *C*  
5th ed.  
Infrequent. Woods, Seal Harbor (Redfield); — meadow on Denning Brook; Somesville (Rand).
- 693 Var. *brevior*, Dewey.  
Infrequent. Mt. Kebo (Greenleaf); — Seal Cove (Rand); — Town Hill (M. L. Fernald). A depauperate form, Newport Mt. (Rand).
- 694 Var. *aperta*, Boott. *Bass R. Def. Mataue Causo, Digby. C. B. BR. Rand. Bie st.*  
Common in wet ground, especially near the coast.
- 695 Var. *invisa*, W. Boott.  
Rare. Schooner Head (W. Boott, spec. in Herb. Gray); — *C.*  
bog on shore south of Sea Wall (Rand); — Southwest Harbor (M. L. Fernald). A form nearly approaching this variety, Bass Harbor (Rand). *Baldcut, Pictou*
- 696 Var. *alata* (Torr.), Bailey. *C. alata*, Torr.  
Seal Harbor (Redfield). Specimens not entirely characteristic, but apparently this variety.
- 697 *C. albolutelescens*, Schw. *C. straminea*, Willd., var. *foenea*, Torr.  
Gray, Man., 6th ed., 622.\* *Miram.* *B*  
Infrequent. Road west of Browns Mt. (Rand), and probably elsewhere.
- 698 Var. *cumulata*, Bailey. *C. straminea*, Willd., var. *cumulata*,  
Bailey. Gray, Man., 6th ed., 622.  
Dry ground, especially in newly disturbed soil; common.

\* See also Bailey in Bull. Torr. Bot. Club, xx. 421, 422.

## GRAMINEÆ. GRASS FAMILY.

## SPARTINA, Schreb. MARSH GRASS.

699 *S. cynosuroides* (L.), Willd. *Sak T*  
 Frequent on salt marshes. Also Beech Hill (Rand); —  
 where seed was doubtless introduced in seaweed used for field  
 dressing. *Cal.* *was. jettim* *B.P.D. H.* *K. Rich. S.*

700 *S. juncea* (Mx.), Willd. SALT RUSH GRASS.

Salt marshes and sea beaches; common. *SP. Ca.*

701 *S. stricta* (Ait.), Roth, var. *glabra* (Muhl.), Gray. SALT  
 MARSH GRASS.

Common on muddy shores along the coast, and in salt  
 marshes. Also Cranberry Isles. A form intermediate between  
 this and the next variety, Little Cranberry Isle (Redfield). *SP.*

702 Var. *alterniflora* (Loisel.), Gray.

Rare. Head of Somes Sound (Redfield); — Norwood Cove  
 (M. L. Fernald). *Cal. + D. Sak.* *B. R. M. S.* *S. SP.*

## PANICUM, L. PANIC GRASS.

703 *P. capillare*, L.

Uncommon. Shore, Ripples Pond; field on Great Pond  
 road, Southwest Harbor (Rand). Perhaps introduced on the  
 Island. *Cal.*

704 *P. commutatum*, Schultes.

Rare. Field, Northwest Cove (Rand). "Although this  
 plant differs much from southern specimens of *P. commutatum*,  
 it is hard to place it elsewhere than in this species." F.  
 Lamson-Scribner.

705 *P. nitidum*, Lam.

East Peak, Western Mt.; Southwest Harbor (Rand).

*Forma densiflorum.*

706 An unusual form having panicles somewhat densely many-  
 flowered. Shore of Ripples Pond (Rand).

P. glebium 911

*P. multiflorum* V.R.

*Phalaris arundinacea*, <sup>psa</sup> 40, Q, R, S, Kc, BR, DR, LAR, G, T  
*P. canaliculata*, Q

707 *P. depauperatum*, Muhl.

Roadsides and clearings. Somesville (R. & R.); — near Sunken Heath; Sheep Island, Somes Harbor (Rand). K

*P. dichotomum*, L.

708 Common both in dry and damp ground. Exceedingly variable, appearing certainly in forms *commune* and *fusculatum*.

*P. laxiflorum*, Lam.

709 Frequent. High Head; Somesville (R. & R.); — Beech Hill road, Southwest Harbor (Rand). A smooth form (*P. laxiflorum*, Cham. Flora S. States, Suppl. 667), Northeast Meadow (Rand).

*P. CRUS-GALLI*, L. BARNYARD GRASS.

710 Frequent in barnyards and cultivated ground. Appearing in both long-awned and awnless forms. Naturalized from Europe. C. P. Q.  
L.

## SETARIA, Beauv. BRISTLY FOXTAIL GRASS.

711 *S. GLAUCA* (L.), Beauv. FOXTAIL GRASS.

Cultivated ground. Southwest Harbor; High Head; Seal Harbor (Rand). Adventive from Europe. W.

712 *S. VIRIDIS* (L.), Beauv. GREEN FOXTAIL.

Common in cultivated grounds and waste places. Naturalized from Europe. K. P. L. S. H.  
T

*S. ITALICA* (L.), Roem. & Schultes. MILLET.

713 Head of Northeast Harbor, in grass plots (Rand). Adventive from Europe. The form is that known as *S. Germanica* (L.), Beauv., distinguished from the type by its more dense or compact, and usually erect, panicle or "head."

## LEERSIA, Swz. CUT GRASS.

714 *L. oryzoides* (L.), Swz. RICE CUT GRASS.

Border of Somes Stream (Rand); — Seal Cove Pond meadow (R. & R.). W. L. S.

## ANTHOXANTHUM, L. SWEET VERNAL GRASS.

## A. ODORATUM, L.

715 Fields and meadows; becoming common. Naturalized from Europe. C. O. S.  
K.

## HIEROCHLOE, Gmelin. SWEET GRASS.

H. borealis, Roem. & Schultes. D. R. Rec. G. R. Bic. v.

716 Borders of salt or brackish meadows and marshes. Bass Harbor; Southwest Harbor; Little Harbor; Seal Harbor; Northeast Meadow; Thomas Bay; Cranberry Isles; Duck Islands, and elsewhere. Much used by the Indians for basket work. C.  
R. du L.  
*Malak (m)*

## STIPA, L. FEATHER GRASS.

717 S. Macounii, Scribner.\* S. Richardsonii, Gray, non Link. Gray, Man., 6th ed., 641.

Rare. Burnt woods, Youngs District (Rand, E. Faxon); — wood clearings, Somesville (M. L. Fernald).

## ORYZOPSIS, Mx. MOUNTAIN RICE.

## O. asperifolia, Mx.

718 Dry woods and clearings; not uncommon. *Malak - Malakii R (m) Bic.*

## MUHLENBERGIA, Schreb. DROP-SEED GRASS.

M. glomerata (Willd.), Trin. D. R.

719 Infrequent. Damp field, Northeast Harbor (Rand); — Long Pond meadows (Redfield); — Sargent Mt.; Beech Mt. Notch; Q. B. R.  
P. P. L.  
shore, Jordan Pond (Rand). *Malakii R (m) T. Mac Mt (1800-1900)*

## \* M. diffusa, Schreb.

720 "In abundance," western slope of Green Mt. (Arnold Greene).

## BRACHYELYTRUM, Beauv.

B. aristatum (Pers.), Beauv. 721

Low woods throughout the Island; frequent, but not abundant. R. du L.

3.  
H. alpina. mtd -

Oryz. canadensis. Bic

M. mexicana, sk - Rsa -

P. alpina Mxalh (m) BR<sup>+</sup> Rld.

A. quiniculata S. Sog.

A. aristulata. Xc<sup>+</sup> Bak.



PHLEUM, L. CAT'S-TAIL GRASS.

P. PRATENSE, L. TIMOTHY.

722 Common in fields and meadows. Naturalized from Europe. *C. B. O. S.*  
*N. H. C. BR. GR. Redf. D. B. K. G. C. T.*

ALOPECURUS, L. FOX-TAIL GRASS.

A. PRATENSIS, L. MEADOW FOX-TAIL.

723 Fields and by roadsides; infrequent. Seal Harbor (Redfield); *C. S.*  
 — Southwest Harbor; Bar Harbor; Hulls Cove; Somesville  
 (Rand). Naturalized from Europe.

SPOROBOLUS, R. BR. DROP-SEED GRASS.

724 S. serotinus (Torr.), Gray. MIST GRASS. *C.*  
 Meadows and low ground; frequent.

AGROSTIS, L. BENT GRASS.

725 A. ALBA, L. WHITE BENT GRASS. HERD'S GRASS. *B. K. & Cal. Xc. BR.*  
 Meadows and fields; common. Naturalized from Europe *B. S.*  
 through cultivation. *Tend. D. T.*

726 Var. SYLVATICA (L.), Scribner.

A viviparous form of the species. Beech Hill; Somes Stream *B. H.*  
 (Rand).

727 Var. coarctata (Hoffm.), Scribner.

Panicle dense; branches short, flower-bearing to the base;  
 plant not stoloniferous. In wet ground; frequent. Baker  
 Island (Redfield); — High Head; bog, Kings Point, Southwest  
 Harbor (Rand); — head of Somes Sound (Greenleaf). Doubt-  
 less indigenous. *Xc. Gc.*

Var. stolonifera (L.), Vasey.

728 Panicle dense, but the spikelets less crowded than in var.  
*coarctata*, narrow, often linear; plant stoloniferous. On beaches *C. B. O. S.*  
 by the shore, and elsewhere. Hunters Beach; High Head *Cal. Gc.*  
 (Rand); — Little Cranberry Isle; Little Harbor (Redfield).  
 Doubtless indigenous. *T*

Var. *VULGARIS* (With.), Thurb. RED-TOP.

729 Meadows and fields; common. Naturalized from Europe C. B. through cultivation, and perhaps also indigenous.

*A. perennans* (Walt.), Tuck.

730 Frequent in damp shady places and by brooksides. Beech Mt. Notch; Deer Brook, Jordan Pond; Gilmore Brook; Little Harbor Brook Notch, and elsewhere (Rand);—Southwest Harbor (M. L. Fernald). It seems doubtful whether these northern plants belong to the true southern *A. perennans*. A form from woods south of Beech Mt. may be *A. Nova-Angliae*, Tuck.

731 *A. scabra*, Willd. HAIR GRASS. D. K. Cal. Tuck. C. S. Br. D. K. C. P. C.

Dry soil; common. A dwarf form growing in tufts in rock hollows and dry places is var. *montanum* (Torr.). Sargent Mt. (Greenleaf, Rand);—Western Mt.; White Beach, Great Pond (Rand). com (M) T

732 *A. canina*, L. C. B. (M. in H. G. R.) Infrequent. Sargent Mt. (Greenleaf, Rand). metallic (M)

CINNA, L. WOOD REED GRASS.

733 *C. pendula*, Trin. D. K. P. C. D. B. C. Cal. K. B. G. R. T. Damp woods. Cold Brook; Little Harbor Brook valley; Beech Mt. Notch (Rand);—Seal Harbor (Redfield). A very robust form, head of Beech Mt. Notch (Rand). K. M. A. - P. C. K.

CALAMAGROSTIS, Adans. REED BENT GRASS.

734 *C. Canadensis* (Mx.), Beauv. BLUE JOINT. P. C. D. D. K. Common in moist or wet ground from sea level to mountain summits. B. C. Cal. K. B. G. R. K. M. A. - P. C. K. C.

DESCHAMPSIA, Beauv. HAIR GRASS.

735 *D. flexuosa* (L.), Trin. Common in dry places, especially on hills and mountains. C. P. D. K.

M. A. L. (M) B. C. B. A. C. D. S.

*A. borealis*, J<sup>+</sup> Tiae ut<sup>+</sup> LC<sup>+</sup> BR. 9c Rsa mta-

*A. lupm. geminata* mta-

*Catabiosa aquatica* BR<sup>+</sup> Rdu L. Pici Mont Louis (20) T

*Holcus lanatus*, S.

*Ammophila arund.* S.

*Cal. Scribneri*, LC<sup>+</sup>, Rsa<sup>+</sup>

*C. Laysdoiji*, mta<sup>+</sup>

*Calamagrostis*, PD<sup>+</sup>

*C. neglecta* Cap Ronier (on) BR<sup>+</sup> PD<sup>+</sup> Bic<sup>+</sup> J. Percé BR R.T

*Cal. hyp. elong.* BR<sup>+</sup>

*Cal. purpurascens*, Bic<sup>+</sup>

*Cal. negl. borealis*, mta<sup>+</sup>

*C. hypoleuca* BR<sup>+</sup> Percé

*D. caespitosa*, Ca. Steadler & Madeline Ronier, LC 9c

*D. atrorubra* Metcalf (m)

*D. atr. latifolia*, T.T. (a)

*D. —* BR.

*D. caesp. alpina* mta-

Avena pativa. S. W. 4K 4K

Av. striata M<sup>all</sup>(m), GR<sup>+</sup> Br<sup>e</sup> + Cal. KC. BR. DaK.

Av. <sup>9C</sup> str. albicans, M<sup>a</sup>.  
D. utricularia M<sup>all</sup>(m)

Phragmites. Ca. DaK.

Ectonia pennsylv R<sup>S</sup> K<sup>a</sup>. d<sup>o</sup>th(m), Rest<sup>+</sup> Br<sup>e</sup>. KC. Cal.  
BR. Perc<sup>+</sup> DR.

Distichlis maritima SP.

P. debilis, M<sup>all</sup>. & S<sup>ua</sup>. L<sup>ech</sup>(M)

P. glumaris. R<sup>du</sup> L. Chaud<sup>l</sup> E<sup>amp</sup>(m) Br<sup>e</sup>

P. glauca P. R<sup>du</sup> L. M<sup>all</sup>(m), Br<sup>e</sup><sup>+</sup> T<sup>ax</sup> M<sup>+</sup> BR<sup>+</sup> Perc<sup>+</sup> DR  
R<sup>S</sup>a - T<sup>+</sup>

P. alsodes R<sup>du</sup> L. GR<sup>+</sup> A<sup>+</sup> Tr<sup>act</sup> M<sup>+</sup>. KC. BR 9C<sup>+</sup> R<sup>S</sup>a -

P. S.

Poa trivialis. S. Perc<sup>+</sup>

P. laevigata Tr<sup>act</sup> M<sup>+</sup>, Perc<sup>+</sup>

743<sup>a</sup> var. domestica. C. S<sup>og</sup>. R<sup>du</sup> L. Br<sup>e</sup><sup>+</sup>

P. alpina. M<sup>all</sup> & R<sup>S</sup>a. L<sup>ech</sup>(m) Rest<sup>+</sup> GR<sup>+</sup> Br<sup>e</sup> + KC<sup>+</sup>  
BR. Perc<sup>+</sup> 9C R<sup>S</sup>a - T

TRISETUM, Pers.

736

*Pearl K. R. G. R. Nic N. Cal. S.*  
 T. subspicatum (L.), Beauv., var. molle (Mx.), Gray. *gc*

Rare. Bluff by shore, Northwest Cove (Rand). *B. BR. Rdu X.*

*Madelme (127) M.A. -*

DANTHONIA, DC. WILD OAT GRASS.

737

D. spicata (L.), Beauv. T *RSA -*

Common everywhere in poor soil. *C. B. K. Rdu X. S. Nic. Cal. K. Pearl N. BR. D. Oak.*

DACTYLIS, L. ORCHARD GRASS.

738

D. GLOMERATA, L.

Sparingly introduced. Northeast Harbor; "Fox Dens," Southwest Harbor; Somesville (Rand). Naturalized from Europe. *B. K. Q*

POA, L. SPEAR GRASS. MEADOW GRASS.

739

P. ANNUA, L. LOW SPEAR GRASS. *Pearl. D. Oak, gc*

Roadsides and cultivated grounds, Bar Harbor; Southwest Harbor; Northeast Harbor; Somesville, and elsewhere. Introduced, and becoming common. Naturalized from Europe. *C. B. Rdu X. S. K. Cal. BR.*

740

P. COMPRESSA, L. WIRE GRASS. *Pearl*

Frequent in dry soil, or rocky places. Appearing indigenous in many places on the Island, but doubtless naturalized from Europe. *C. Rdu X. S. Cal. BR.*

741

P. nemoralis, L. *Pearl*

Somesville (Rand). *C. B. K. Lc. BR+ T*

742

P. serotina, Ehrh. FALSE RED-TOP.

Common and very variable. This species runs gradually into *P. nemoralis*; specimens from Bubble Pond (Rand) can hardly be distinguished. A large form with ample panicle (*P. fer-tilis*, Host), Somes Pond, at outlet, in water (Rand). *Oak. V. Cal. C. BR. Rdu X. S.*

743

P. pratensis, L. KENTUCKY BLUE GRASS.

Common. Perhaps indigenous, but mostly naturalized from Europe. *GR. Nic N. Cal. K. BR. Pearl D. Oak. S.*

## GLYCERIA, R. Br. MANNA GRASS.

744

*G. Canadensis* (Mx.), Trin. RATTLESNAKE GRASS. JOB'S TEARS. C.B. 7  
Common in wet places. *Malbaric*

745

*G. laxa*, Scribner. C.B.

A coarse leafy grass, 2°-4° high, with a diffuse ample panicle and oblong, somewhat turgid spikelets. Sheaths scabrous, the lower exceeding the internodes. Ligule about 1" long, thin, lacerate. Leaves 8'-15' long, 3"-4" wide, very rough-scabrous, both sides tapering to a sharp point or the lower ones abruptly sharp-pointed. Panicle 7'-9' long, the main axis and branches strongly scabrous, lower branches in twos or threes, the upper solitary, the longer and usually widely spreading lower ones 3'-5' long. Spikelets oblong or broadly ovate, 3-5-flowered, about 2" long, much exceeding the pedicels, and from 1"-1½" wide. Empty glumes unequal, scarious-margined, the larger second glume about one half the length of the first floret. Flowering glumes rounded on the back, 1"-1½" long, broadly obovate, obtuse, with a narrow scarious margin above, 7-nerved, nerves not prominent. Palea nearly equalling the glume, the keels smooth, strongly curved above. Closely allied to *G. Canadensis*, but the smaller spikelets are green or purple tinged, and the more obtuse floral glume scarcely exceeds the narrower palea. F. Lamson-Scribner in Bull. Torr. Bot. Club, xxi. 37, *sub nom.* *Panicularia laxa*, and republished here as above at his desire. Seal Harbor (Redfield);—Somesville (Rand). A form apparently of this species with smaller and imperfectly developed spikelets, Great Cranberry Isle; Seal Harbor (Redfield).

746

*G. obtusa* (Muhl.), Trin.

Common in wet grounds about Somesville. Also Southwest Harbor; Sea Wall (Rand).

747

*G. elongata* (Torr.), Trin.

Wet woods. Near Beech Hill (Arnold Greene);—Canada B.  
Valley; Seal Harbor; Beech Mt. Notch (Rand).

748

*G. nervata* (Willd.), Trin.

Common in meadows.

C.B. S. GR. N. B. R. Cal. GR. D. D. R.

*Alta de Tiffon* (7, 9c) R. S.

Graphocephalum mta<sup>ab</sup> (m) Madeline R (m) Kc. BR<sup>+</sup>  
Pucc<sup>+</sup> DR 9c Rsa-T

Milium effusum. Sic<sup>+</sup> Kc<sup>+</sup> 4c<sup>+</sup> Pucc<sup>+</sup> mta - Rsa -  
T

G. brevis Kc<sup>+</sup> BR. IR<sup>+</sup> Dal, 9c Pucc<sup>+</sup> Rsa.

G. fluitans aflu. Percé

P. distans. Ca:

F. ovina Carl<sup>+</sup>

F. duriuscula Grise Brim. det.

F. brevifolia. Ric<sup>+</sup>



749

*G. pallida* (Torr.), Trin. *D* *xc*<sup>+</sup>

A narrow-leaved form in bog at northern foot of Beech Hill (Rand). *B. S.*

750

*G. grandis*, S. Watson. *G. aquatica* (L.), Sm. *C. B. S. Cal.*

Somes Stream, Somesville (Rand). *P. Blanche* *xc. BR. oak. 9c*

751

*G. fluitans* (L.), R. Br. *of dunes.*

Brooksides and ditches; frequent. *C. B. W. S.*

PUCCINELLIA, Parl.\* (*Atropis*, Rupr.)

752

*P. maritima* (Huds.), Parl. *Atropis maritima* (Huds.), Griseb.

*Glyceria maritima* (Huds.), Wahl. SEA SPEAR GRASS. *oak.*

Rare. Shore, Somes Harbor (Redfield). A puzzling form, perhaps a hybrid between this species and *P. distans*, Norwood Cove (M. L. Fernald). *Can. (M) Cal. T W.* *C. B. Rice L.*

753

Var. (?) *minor*, S. Watson. *Atropis maritima*, var. *Nutkaensis*

(Presl), Scribner. *Atropis angustata* (R. Br.), Griseb. *C. B.*

*Puccinellia angustata* (R. Br.). *Glyceria angustata* (R. Br.), Fries. *Mt. Desert. Ari. Nutka* *P. de L.*

Sea beaches. Somesville; Ovens; Thomas Bay; Southwest Harbor; Mt. Desert Narrows, and elsewhere. "This form is distinguished from *P. maritima* by its smaller and weaker habit, and by having the keels of the palea smooth below and only very minutely scabrous above. In *P. maritima* the keels of the palea are strongly fringed nearly or quite to the base." F. Lamson-Scribner. More recent examination shows this form to be specifically distinct, and should bear the name in the Manual of *P. angustata* (R. Br.).

FESTUCA, L. FESCUE GRASS.

754

*F. rubra* *rubra*  
*F. ovina*, L. SHEEP'S FESCUE. *T*

Common especially on or near the shore. Also on Cranberry Isles. All specimens from Mt. Desert and vicinity are referred, however, to *F. rubra*, L., by Prof. F. Lamson-Scribner, which *C. B. Rice L. 3*

\* Better considered as a sub-genus of *Glyceria*. *Can. (M) Cal. BR. Ricci Ari*

*Cal. xc BR. 9c*

he considers without doubt a distinct species from *F. ovina*. Specimens from High Head, Great Cranberry Isle, Little Cranberry Isle, and Thompson Island, may be referred to var. *genuina*, Haek. A specimen from Indian Point road, Somesville, appears to be var. *fullax*, Haek.

"In *F. rubra* the leaves of the culm and sterile shoots are similar, the ligules in the latter are not auriculate, and the shoots themselves are extra-vaginal; i. e. the buds of the branches at the base of the culm burst through the base of the leaf sheath in the axil of which they are formed. In *F. ovina* the leaves of the flowering culms and sterile shoots are unlike, the ligules on the latter are auriculate and the shoots themselves are intra-vaginal; i. e. the buds in the lower leaf axils grow up out of the sheaths and do not break through them below. *F. ovina* is strictly tufted, while *F. rubra* extends more or less by rootstocks." F. Lamson-Seribner.

755 *F. DURIOUSCULA*, L. *F. ovina*, L., var. *duriuscula*, Koch. Gray, Man., 6th ed.

Rare. Near Hulls Cove (Rand). Naturalized from Europe.

756 *F. ELATIOR*, L.

Fields and roadsides; common. Northeast Harbor; Southwest Harbor; Bar Harbor; Somesville; Seal Harbor; High Head. Naturalized from Europe. C. B. W.

757 Var. *PRATENSIS* (Huds.), Gray.

Fields. Seal Harbor; Southwest Harbor; Somesville; High Head, and elsewhere. Naturalized from Europe.

#### BROMUS, L. BROME GRASS.

758 *B. ciliatus*, L. LC<sup>+</sup> BR. AR. DAR. S. Bic. N. 9c R. S. T  
Frequent in rocky woods and low ground. Variable. Com.

*AGROPYRUM*, Gærtn. (*Triticum*, L.) FALSE WHEAT.

759 *A. repens* (L.), Beauv. *Triticum repens*, L. QUITCH GRASS. C. B. W.  
WITCH GRASS. Bic. S T

Fields, waysides, and shores; common and very variable. Naturalized from Europe in cultivated grounds, and also in Carl.

LC. BR<sup>+</sup> GR. P. C. DAR.

*F. villosa*, var. *subvillosa*. 59<sup>+</sup>

*F. scabellata* mt alb (m)

*Br. ciliatus*, var. *laevigatus* 4C<sup>+</sup>

*Br. scabellatus* B.

Br.

*Br. mollis* 3, 7W. K 4K

Br - Rsa -

a. violaceum Mxalt (2)

a. <sup>fructum</sup> ~~fructum~~ P. K. Br<sup>+</sup> Cal<sup>+</sup> Trac<sup>+</sup> Ut<sup>+</sup> BR<sup>+</sup> Peice<sup>+</sup>  
Mataue 4c. 2c. Rsa. Ma-T

E.

Sax R. 4c. Rsa.

digenous. The Island forms appear for the most part to be indigenous northern and coast forms, and abound on beaches and on banks by the shore.

760

Var. *glaucum* (Desf.), Boiss. *Triticum repens*, L., var. *intermedium*, Fries.

A glaucous, rigid, maritime form, with large crowded spikelets and glumes blunt or mucronate. Seal Harbor (Redfield); — Northeast Harbor; Southwest Harbor, etc. (Rand). BR.

761

Var. *pilosum*, Scribner.

Upper surface of leaves pilose, rhachis of spike pubescent to hirsute, flowering glumes awnless or short cuspidate pointed. Southwest Harbor (Rand). This, however, may be the same as var. *agreste*, Anders. D.R.

Other well marked forms are numerous; but it seems impossible to identify them with any certainty without a careful comparison with authentic specimens in European herbaria.

762

A. *caninum* (L.), Roem. & Schultes. *Triticum caninum*, L. D.R. D.R. Pie

Rare. Field near the head of Northeast Harbor (Rand). Naturalized from Europe, and also indigenous. Probably introduced on the Island. Ther. L.C. BR  
*Milthorn. RSA - T*

#### HORDEUM, L. BARLEY.

763

H. *jubatum*, L. SQUIRREL-TAIL GRASS.

Common on the coast. C. P. in Rdu L.S. U  
*Bie. N. Cal. BR. D.R.*

#### ELYMUS, L. WILD RYE. LYME GRASS.

764

E. *virginicus*, L. D.R. T.

Common on the coast.

765

E. *mollis*, Trin.

Muddy or sandy shores on the coast; frequent. Considered by many authors as identical with *E. arenarius*, L., which occurs on the Pacific coast. C  
*Bie. Bar. D. T* duh

## SERIES II. CRYPTOGRAMIA; FLOWERLESS PLANTS.

## CLASS I. PTERIDOPHYTA.

## EQUISETACEÆ. HORSETAIL FAMILY.

## EQUISETUM, L. HORSETAIL. SCOURING RUSH.

- 766 *E. arvense*, L. COMMON HORSETAIL. *C. AC. S GR. Bic. A. Cal. Da R.*  
Moist gravelly soil; common. *LC. BR. Pauc' D AC Rsa-T*
- 767 *E. sylvaticum*, L. *Da R. A. Cal. D.*  
Wet banks and shady places; frequent. *C. PD. Rsa-*
- 768 *E. limosum*, L. *Ep (m) Da R. GR. XC BR. D.*  
Borders of ponds; rare. Bubble Pond (F. M. Day, Redfield); *C. AC.*  
— Great Pond (Rand).

## FILICES. FERNS.

## POLYPODIUM, L. POLYPODY.

- 769 *P. vulgare*, L. *R Blanch' qc P. ma.*  
Rocks; very common. *C Q SH. GR. Bic. Trac Mt. T.*

PTERIS, L. BRAKE. *Bic Da-*

- 770 *P. aquilina*, L. *C AC. S. A. Cal. XC. GR. 96. D.*  
Dry soil; very common.

## ASPLENIDIUM, L. SPLEENWORT.

- 771 *A. Filix-femina* (L.), Bernh. *ma* LADY FERN. *D. 913 qc T*  
Damp shady places; frequent, and very variable. *C. A S Bic Cal. XC.*
- 772 Var. *angustatum* (Willd.), D. C. Eaton. Var. *Michauxii*,  
Mett. *BR.*

Fronds 1°-3° high, rather rigid, narrow in outline, nearly bipinnate; pinnae obliquely ascending or curved upwards, narrowly lanceolate; segments oblong, crowded, crenated or serrate;

*E. pratense* GR<sup>+</sup> V<sup>+</sup> LC<sup>+</sup> BR, PtFame (m) GC<sup>+</sup> Rsa.

*E. scirpoides* BR, GR, Mic, V, DAR, <sup>Rsa</sup> Cal<sup>+</sup> LC<sup>+</sup> BR DR GC

*E. variegatum* -! BR<sup>+</sup>

*E. palustre* BR<sup>+</sup> Cal<sup>+</sup> DR DAR, Rsa -

*E. variegatum* <sup>var.</sup> BR<sup>+</sup> Percé DR, GB (m)

*E. hymale* <sup>cr.</sup> PD, S, GR<sup>+</sup> LC<sup>+</sup> DR, DAR, GC

*E. Lym. var. yonvilleum* - Cal<sup>+</sup>

*Cryptogramme Stelleri* GR<sup>+</sup> Bic<sup>+</sup> Trac Mt<sup>+</sup> LC. <sup>Rsa, scieria - +</sup> BR Percé GC

*Cryptogramme* Metallb.

*Adiantum petatum*, Metallb (m) GR.

A - p. var. *aleuticum*, MtA -

*A. Trichomanes* Mt Louis & R. St. Amédée Monts (m) Bic<sup>+</sup>

*A. viride* GR<sup>+</sup> Bic<sup>+</sup> Trac Mt (1850) BR<sup>+</sup> Percé GB, Fox R, Gt. Mt. St. Amédée Monts (m) GC<sup>+</sup> Cal

*A. thelypteroides* Mic. GC

*P. calcarea* BR<sup>+</sup>



sori usually abundant, straight or curved. Eaton, Ferns N. A. 227. Woods; infrequent. Salisbury Cove (Clara L. Walley).

Var. *exile*, D. C. Eaton.

773 Fronds 3'-6' high, lanceolate, pinnate; pinnæ oblong-lanceolate, deeply cut into oblong laciniaë which are two- to three-toothed at the end. Eaton, Ferns N. A. 227. Woods; rare. Breakneck road (Clara L. Walley).

PHEGOPTERIS, Fée. BEECH FERN.

774 T *P. polypodioides*, Fée. *Polypodium Phegopteris*, L. *ac* *MAA- C. B.*

Common in damp woods. A form closely approaching *P. hexagonoptera*, Fée, in woods, Seal Harbor (Redfield). A form with the main rhachis forked at the apex, woods, head of The Barcelona meadow (Rand). *ER. Rdu X. Br. +. LC. Perci C. B.*

775 T *P. Dryopteris* (L.), Fée. *ac* *MAA- BR. 4B. C. + Cae. BR.*

Damp woods and shaded rocky places; common. *Rdu X Br. LC. Perci D.*

ASPIDIUM, Swz. SHIELD FERN.

776 A. *Thelypteris* (L.), Swz.

Damp ground; not uncommon. Seal Harbor; Long Pond meadows; Sutton Island; Great Cranberry Isle; Baker Island (Redfield); — on Somes Stream (R. & R.). *C. B. Cae. BR.*

777 A. *Noveboracense* (L.), Swz.

Damp woods; frequent. Seal Harbor; Great Cranberry Isle, etc. (Redfield); — Breakneck road (Clara L. Walley); — "Mt. Desert" (F. M. Day). *C. B.*

778 A. *spinulosum* (Retz), Swz.

Damp woods; not uncommon. Breakneck road (Clara L. Walley); — Seal Harbor; Ovens (Redfield). *C. BR.*

779 Var. *intermedium* (Muhl.), D. C. Eaton. *ac* *S. 9B.*

Woods; common.

780 *Var. dilatatum* (Hoffm.), Hook. <sup>gc Red med-</sup> ~~Peluc~~ BR. GR. Rdu h. Bic. Cal. T  
40

Woods; infrequent. Breakneck road (Clara L. Walley); — west of Southwest Harbor (M. L. Fernald). A dwarf form in woods, Breakneck road (Clara L. Walley).

781 *A. cristatum* (L.), Swz.

Wet ground; frequent.

C. N. Cal. BR. DAK.

*Var. Clintonianum*, D. C. Eaton.

782 Rare. Near Breakneck road (Clara L. Walley).

283 *A. marginale* (L.), Swz.

Rocky woods; frequent.

C. Rdu h. Bic. Cal. BR.

284 *A. acrostichoides* (Mx.), Swz. CHRISTMAS FERN.

Deep rocky woods; frequent.

#### CYSTOPTERIS, Bernh. BLADDER FERN.

785 *C. fragilis* (L.), Bernh. <sup>gc</sup> ~~Peluc~~ D. Lc. GR. Rdu h. Bic<sup>+</sup> N. Cal. BR

Rare. Caves, Barr Hill (Redfield); — wet cliffs, West Branch of Hadlock Brook (Rand). <sup>gc</sup> ~~ma~~ - T C. Calif

#### ONOCLEA, L. SENSITIVE FERN.

786 *O. sensibilis*, L. <sup>gc</sup>

Common in low ground.

C. N. S. Rdu h. D. DAK

#### WOODSIA, R. Br.

787 *W. ilvensis* (L.), R. Br. <sup>gc</sup> Rdu h. Bic<sup>+</sup> N. Cal. ~~ma~~ - T

Infrequent and local. Dog Mt. (Rand); — Flying Mt. (Annie S. Downs, H. C. Jones, and others); — Beech Cliff (Annie S. Downs, R. & R.). <sup>gc</sup> GR<sup>+</sup>

#### DICKSONIA, L'Hér.

788 *D. pilosiuscula*, Willd. *D. punctilobula* (Mx.), Gray. S.

Common everywhere.

*Polyst. Braunii*, Carl. BR<sup>+</sup> Bic<sup>+</sup> M<sup>+</sup> A<sup>-</sup> -  
Com (M<sup>+</sup> Madane) 9C<sup>+</sup>, Perci<sup>+</sup>

*Polyst. scopulinum* Mt Alb (M)

*A. Laganus*, Rdu L, Bic<sup>+</sup> Trac Mt<sup>+</sup> BR<sup>+</sup>  
R. Stead. A. M. Tec. R (M) M<sup>+</sup> A<sup>-</sup>

*Polyst. Lonchitis*, Trac Mt. (1750-1800)<sup>+</sup> Perci<sup>+</sup>

*A. Filix-mas* Perci<sup>+</sup> Foy R (M)

*C. bullifera*, B. G. GR. Cas 9C<sup>+</sup> BR<sup>+</sup> Perci<sup>+</sup> GR. 9C<sup>+</sup> M<sup>+</sup> A<sup>-</sup> T  
Perci<sup>+</sup>

*C. montana* Mt Alb (M)

*C. - R*

*Struthioctes*, Rdu L. V R. GR. et. Cas. LC. BR. Da R. Perci<sup>+</sup> D.  
Rdu - T

*W. Sabella* GR<sup>+</sup> BR<sup>+</sup> Stead. R. foy. on n coast (M) 9C<sup>+</sup>

*W. oregana* Bic<sup>+</sup>

*W. hyperborea* Bic<sup>+</sup> BR<sup>+</sup> Da R. Cap Roe. R. Stead M (M)  
Soye. 9C<sup>+</sup>

*W. scopulina* T<sup>+</sup>

*Woodwardia virginica*. 9B (M)

792<sup>a</sup> *B. virginicum* C. NC. GR. Bic. + Cal. KC. AR. Ste Ades (m) (m)  
9c Rld-

*B. Lunaria* P. Bic<sup>+</sup> Cast<sup>+</sup> GR<sup>+</sup> Pict Cap (m)

*B. reticulatum* v<sup>+</sup>

OSMUNDA, L. FLOWERING FERN.

789

**O. regalis**, L. FLOWERING FERN.  
Swamps and wet meadows; common. S.

790

**O. Claytoniana**, L. INTERRUPTED FLOWERING FERN.  
Common in low ground. A form with upper pinnae of sterile frond partly fertile, Bar Harbor (Mary Minot). A form with middle pinnae of fertile frond partly sterile, and undeveloped, Seal Harbor (Redfield). *sc, d, d, d, d*  
*Milne -*

791

**O. cinnamomea**, L. CINNAMON FERN.  
Common in damp ground everywhere. *C. B. - sc. S. d. d. d.*

OPHIOGLOSSACEÆ. ADDER'S TONGUE FAMILY.

BOTRYCHIUM, Swz. MOONWORT.

792

**B. simplex**, Hitchcock. *Bic<sup>+</sup> H<sup>+</sup> sc<sup>+</sup> Perc<sup>+</sup> T*  
Rare. High Head (Rand, Redfield & Faxon); — Beech Cliff (Rand). *C.*

793

**B. matricariæfolium**, A. Br.  
Infrequent. Jordan Pond road (Harriet A. Hill); — field, Northwest Cove; Cold Brook; Great Cranberry Isle (Rand). *C. H. P. T.*

794

**B. ternatum** (Thunb.), Swz.  
Somewhat frequent in low fields and pastures; occasionally in woods. Seal Harbor; Long Pond meadows (Redfield); — Sutton Island; Sawyer Cove (Harriet A. Hill); — Duck Brook road (Clara L. Walley); — woods, north of Jordan Pond (Theodore G. White); — meadow, head of Northeast Creek; Southwest Valley road (Rand). *S.*

795

Var. **intermedium**, D. C. Eaton.  
Rare. High Head meadow (Rand). *H<sup>+</sup> sc<sup>+</sup> d. S. B.*

796

Var. **obliquum** (Muhl.), Milde.  
Not uncommon. Duck Brook road (Clara L. Walley); — meadow, head of Northeast Creek; Southwest Harbor (Rand); fields above Long Pond (R. & R.).

Var. *dissectum* (Spreng.), Milde.

797 Frequent. Duck Brook road (Clara L. Walley); — meadow, head of Northeast Creek; High Head meadow; fields, Clark Point, Southwest Harbor (Rand); — fields above Long Pond (Redfield); — Sawyer Cove (Harriet A. Hill).

OPHIOGLOSSUM, L. ADDER'S TONGUE.

*O. vulgatum*, L.

798 Rare. Wet field, head of Southwest Harbor (Annie S. Downs).

LYCOPODIACEÆ. CLUB MOSS FAMILY.

LYCOPODIUM, L. CLUB MOSS.

799 *L. Selago*, L. *mt. alb. react (m) Percé Bic + Truc lat +*  
Rare. Sargent Mt. (H. C. Jones, Rand, Redfield).

800 *L. lucidulum*, Mx. *com (m) 9c G.P. Bic. N. Cal. AR. D. AR.*  
Deep moist woods; common.

801 *L. inundatum*, L.

Bogs and wet places; frequent. Cedar Swamp; Southwest Harbor; Sea Wall Swamp; Aunt Bettys Pond; Ripples Pond; Gilmore Meadow; Great Cranberry Isle, etc. (Rand); — bog, Hadlock Upper Pond, etc. (Redfield). C.

802 Var. *Bigelovii*, Tuck.

Bogs; uncommon. Border of Upper Breakneck Pond; border of Aunt Bettys Pond (Rand).

803 *L. annotinum*, L. *com (m) 9c Rba - mda.*  
Woods and damp thickets; frequent. Also Sargent Mt. (Theodore G. White). *D. Ar + Cal. Kc. AR. Percé T* C. AR. D. AR.

804 *L. obscurum*, L.

Rare. Roadside between Somesville and Southwest Harbor, near Canada Valley (Rand).

805 Var. *dendroideum* (Mx.), D. C. Eaton. GROUND PINE. C. B. VA. etc +

Woods; common. *9c com (m) R. Blanche. D. Cal. Kc. Percé T*

832 var. pungens. C  
annot. var. alpestris. alt. 4000 fr (20)

806 a var. monostachyon C; B. VK. LC<sup>+</sup> D<sup>+</sup>

var. flabelliforme C; AC. VR, D<sup>+</sup>

*R. sitchense* A<sup>+</sup> GR<sup>+</sup> D. YK ma-

*R. sabinaceolum* A<sup>+</sup> GR. D. alb+TT (m), LC

*L. alpinum* ma-

*S. spinosa* GR<sup>+</sup> RC<sup>+</sup> BR<sup>+</sup> GR. Pecci Madr R. Stead m (m)  
ma. Rsa,





## CLASS II. BRYOPHYTA.

## DIVISION I. MUSCI; MOSSES.

## ORDER I. SPHAGNACEÆ. PEAT MOSSES.

List prepared by Edward L. Rand, assisted greatly by Edwin Faxon and Prof. Daniel C. Eaton, and arranged mainly in accordance with the writings of Dr. Carl Warnstorf, of Neuruppin, Germany.

The plants catalogued in the following list have been collected mostly by Edwin Faxon and Edward L. Rand; the determinations are by Dr. Carl Warnstorf. In view of the great difficulty of finding descriptions of the various species and varieties, it has been thought wise to give freely references to Lesquereux and James's "Mosses of North America," and to Dr. Warnstorf's articles on North American Sphagna, to be found in Coulter's Botanical Gazette, Vol. XV., in the numbers for the months of June, August, September, and October, 1890,—both of which works can be consulted with little trouble. In cases, furthermore, where descriptions are not there given, they have been either translated or specially prepared for this list by Prof. Eaton and Mr. Faxon. It has not seemed best to include *forms* and *sub-forms* herein, since most of them have little value except for the critical student. Very many of them are, however, represented in the Mt. Desert Herbarium. On the other hand, all varieties are given, without regard to the distinctions on which they are founded. The value, however, of most of the so-called color varieties is very doubtful, since careful observations seem to prove beyond question that the color of Sphagnum varies greatly with the season. It is even a matter of doubt whether a given plant of any species may not quickly vary through the influence of temporary external conditions, assuming at one time the form of one variety, at another time the form of another. This doubtful value of varieties of Sphagnum furnishes an additional reason for the exclusion of mere *forms* and *sub-forms* from a local catalogue of plants.

Rivière  
Cochon

Poite  
des Epimette

de la Rivière à Michoud

de la Rivière  
de la Rivière

de la Rivière à Michoud

Soliveau

Capt. Bugeja

Capt. au  
Marsais

de la Rivière

Capt. aux Carleaux

de la Rivière

