

Juncus balticus Willd. var. *littoralis* Engelm.—Baltic-rush

Common. An important component of the Cranberry Heath community and also pond edges and moist sand. JM,HG,SJ,JE,CFL.

Juncus canadensis J. Gay—Rush

Common. Cranberry Heath on fresh pond edges. JM,HG,SJ,JE,CFL.

Juncus pelocarpus Mey. var. *pelocarpus*—Rush

Rare. Moist sand west of Main Station near the north side of the island. CFL.

Juncus pelocarpus Mey. var. *sabulonensis* St. John—Rush

Rare. Fresh pond edges and moist sandy hollows near Main Station. JM, SJ,JE,CFL.

Juncus bulbosus L.—Rush

Occasional. Fresh pond edges and moist sand. JM,SJ,JE,CFL.

Juncus articulatus L. var. *obtusatus* Engelm.—Jointed-rush

Common. Fresh pond edges and moist sand. HG,SJ,JE,CFL.

Luzula campestris (L.) DC var. *multiflora* (Ehrh.) Celak.—Woodrush

Common. Shrub Heath. SJ,CFL.

Liliaceae—Lily Family

Smilacina stellata (L.) Desf.—False Solomon's-seal

Common. Shrub Heath and to a lesser extent Marram-Fescue vegetation. JM, HG,SJ,JE,CFL.

Iridaceae—Iris Family

Iris versicolor L.

Common. Fresh pond margins. JM,HG,SJ,JE,CFL.

Sisyrinchium angustifolium Mill.

Common. Fresh pond edges and Cranberry Heath. JM,SJ,JE,CFL.

Orchidaceae—Orchid Family

Coeloglossum viride (L.) Hartm. var. *virescens* (Muhl.) Luer (*Habenaria viride*)
—Bracted Orchid

Occasional. Shrub Heath. JM,JE,CFL.

Platanthera clavellata (Michx.) Luer (*Habenaria clavellata*)—Club-spur Orchid

Occasional. Shrub Heath and Cranberry Heath. JM,HG,SJ,JE,CFL.

Platanthera lacera (Michx.) G. Don var. *terrae-novae* (Fern.) Luer (*Habenaria lacera*)
—Ragged Fringed-orchid

Occasional. Shrub Heath and Cranberry Heath. JM,HG,SJ,JE,CFL.

Calopogon tuberosus (L.) BSP. var. *tuberosus* (*C. pulchellus*)—Grass-pink

Common. Cranberry Heath. JM,HG,SJ,JE,CFL.

Calopogon tuberosus (L.) BSP. var. *latifolius* (St. John) Boivin—Grass-pink

Rare. Moist peaty sand with *Lycopodium inundatum*. Approximately 300 plants in a dune hollow NE of West Light. A few possibly referable to this variety elsewhere in Cranberry Heath. SJ,JE,CFL.

Spiranthes lacera (Raf.) Raf. var. *lacera*—Northern Slender Ladies'-tresses

Rare. Shrub Heath in the Grassy Plains area. CFL.

Spiranthes romanzoffiana Cham.—Hooded Ladies'-tresses

Rare. Cranberry Heath in Grassy Plains area. Macoun's 1899 collection was from damp, boggy spots, but has no more precise location. JM,CFL.

Salicaceae—Willow Family

**Salix viminalis* L.—Osier Willow

Extirpated. Previously a planted specimen survived and grew to 6 feet tall, at Life Saving Station No. 3. SJ.

Myricaceae—Wax-myrtle Family

Myrica pensylvanica Loisel (*M. carolinensis*)

Common. An important component of the vegetation in Marram-Fescue, Shrub Heath and Cranberry Heath communities. JM,HG,SJ,JE,CFL.

Betulaceae—Birch Family

**Betula pendula* Roth.—European Birch

Extirpated. One of the 1901 plantings survived until 1913 at Life Station No. 4 but was overtopped by Marram (St. John 1921). SJ.

**Betula alba* L.—European White Birch

Extirpated. Of 2000 trees planted in 1901, a few still survived in 1913 but none were over 2' in height (St. John 1921). SJ.

Polygonaceae—Buckwheat Family

**Rumex acetosella* L.—Red Sorrel

Common. Marram-Fescue and Shrub Heath. JM,HG,SJ,JE,CFL.

**Rumex crispus* L.—Sour Dock

Rare. Brackish pond borders north of East Wallace and near Life Saving Station No. 3. JM,SJ,CFL.

Rumex maritimus L. (*R. fueginus*)—Golden Dock

Rare. Brackish pool borders north of East Wallace and near Life Saving Station No. 3. JM,SJ,JE,CFL.

Rumex orbiculatus Gray (*R. britannica*)—Great Water Dock

Rare. Seen only near Life Saving Station No. 3 on high banks of a brackish pool and reported only from the same area by St. John (1921). JM,SJ,CFL.

**Polygonum* sp. (*aviculare* group)—Prostrate Knotweed

Possibly extirpated. Brackish pond borders, ruins and paths. JM,SJ.

**Polygonum convolvulus* L.—Black Bindweed

Extirpated. Previously a weed at Main Station (St. John 1921). JM,SJ.

**Polygonum cuspidatum* Sieb. and Zucc.—Japanese Knotweed

Beside a shed at Main Station. CFL.

Polygonum hydropiperoides Michx. var. *psilostachyum* St. John—Mild Water-pepper

Common. Fresh ponds. JM,HG,SJ,JE,CFL.

**Polygonum hydropiper* L.—Common Smartweed

Extirpated. Previously around buildings at Main Station (St. John 1921). JM.

**Polygonum lapathifolium*—Smartweed

Rare. Collected by Macoun "in a potato field at East End Post" in 1899, and by us on moist sand near pool at West Light. JM,CFL.

**Polygonum lapathifolium* L. var. *prostratum* Wimmer—Smartweed

Rare. Brackish pond borders near West Light. SJ,JE,CFL.

**Polygonum persicaria* L.—Lady's-thumb

Extirpated. Previously a weed at Main Station (St. John 1921). SJ.

Polygonum raii Bab.—Ray's Knotweed

Rare. In raw sand bordering brackish pools near West Light and at Life Saving Station No. 3. SJ,CFL.

**Polygonum scabrum* Moench—Smartweed

Extirpated. Previously a weed at Main Station. (St. John, 1921). SJ.

Chenopodiaceae—Goosefoot Family

**Chenopodium album* L.—Lamb's-quarters

Rare. Brackish pond borders. Previously a weed at Main Station (St. John 1921). JM,SJ,JE,CFL.

**Chenopodium bushianum* Aellen—Goosefoot

Extirpated. Erskine's location unknown. JE.

Chenopodium rubrum L.—Coast-blite

Rare. Edges of brackish ponds at Life Saving Station No. 3. JM,HG,SJ,JE,CFL.

Atriplex prostrata Buch. (*Atriplex patula* var. *hastata*)—Spearscale

Occasional. Edges of brackish ponds. JM,HG,SJ,JE,CFL.

Portulacaceae—Purslane Family

**Portulaca oleracea* L.—Common Purslane

Extirpated. Previously a weed in the garden at Main Station (St. John 1921). SJ.

Caryophyllaceae—Pink Family

**Spergula arvensis* L.—Corn-spurrey

Extirpated. Previously a weed at Main Station (St. John 1921). JM,SJ.

Spergularia marina (L.) Griseb. var. *leiosperma* (Kindb.) Gurke—Sand-spurrey

Rare. Raw sand around edges of brackish pools at West Light, north of East Wallace and Life Saving Station No. 3. JM,HG,SJ,JE,CFL.

Sagina procumbens L.—Birdseye

Occasional. Edges of brackish and fresh ponds. JM,SJ,JE,CFL.

Moehringia lateriflora Fenzl (*Arenaria lateriflora*)—Grove Sandwort

Common. Mostly in Shrub Heath. JM,HG,SJ,JE,CFL.

Honckenya peploides (L.) Ehrh. (*Arenaria peploides*)—Seabeach Sandwort

Common. Dominant over extensive areas at either end of the island and in the East and West Wallace areas. Also in Marram communities but less important there. Often binding windblown sand into mounds. JM,HG,SJ,JE,CFL.

**Stellaria graminea* L.—Common Stitchwort

Occasional. A weed at Main Station and about ruins. JM,SJ,JE,CFL.

**Stellaria media* (L.) Cyrill.—Common Chickweed

Occasional. Ruins of Life Saving Stations and at Main Station. JM,SJ,JE,CFL.

**Cerastium vulgatum* L.—Common Mouse-ear Chickweed

Occasional. Around Life Saving Stations and in Shrub Heath vegetation. JM, SJ,JE,CFL.

**Silene noctiflora* L.—Night-flowering Catchfly

Extirpated. Previously a weed at Life Saving Station No. 3 (St. John 1921). SJ.

Nymphaeaceae—Water-lily Family

Nuphar variegatum Durand in Clinton (*Nymphozanthus variegatum*)—Yellow pond-lily

Common. Fresh ponds. JM,SJ,JE,CFL.

Ranunculaceae—Crowfoot Family

**Ranunculus acris* L.—Common Buttercup

Rare. Disturbed areas around Main Station and at Life Saving Station No. 3. JM,SJ,JE,CFL.

Ranunculus cymbalaria Pursh—Seaside Crowfoot

Rare. Sandy edges of brackish pond near Life Saving Station No. 3 and north of East Wallace. JM,SJ,JE,CFL.

Ranunculus flammula L. var. *filiformis* DC. (*R. reptans*)—Spearwort

Common. Edges of fresh ponds. JM,HG,SJ,JE,CFL.

**Ranunculus repens* L.—Creeping Buttercup

Rare. Main Station. Macoun's 1899 specimen label reads: "a rare introduction about barns". JM,CFL.

Thalictrum pubescens Pursh. var. *hebecarpum* (Fern) Boivin (*T. polygamum*)—Tall Meadow-rue

Common. Shrub Heath. JM,HG,SJ,JE,CFL.

Coptis trifolia (L.) Salisb.—Goldthread

Rare. Shrub Heath near Main Station. Although St. John (1921, p. 75) reported it from "grass-covered dunes", the label on Macoun's collection reads: "on the old land among *Empetrum*, very rare. JM,SJ,CFL.

Brassicaceae (Cruciferae)—Mustard Family**Brassica arvensis* (L.) Ktze.—Charlock

Extirpated. Previously a weed around the Life Saving Stations (St. John 1921). JM,SJ,JE.

Cakile edentula (Bigel.) Hook.—Sea-rocket

Common. Sandy seashore and sandy barrens in the East and West Wallace areas. JM,HG,SJ,JE,CFL.

**Capsella bursa-pastoris* (L.) Medic.—Shepherd's-purse

Rare. Disturbed areas at West Light. JM,SJ,CFL.

**Raphanus sativus* L.—Radish

Extirpated. Previously established at Main Station. SJ.

**Raphanus raphanistrum* L.—Jointed Charlock

Probably extirpated. Previous locality unknown. JE.

**Sisymbrium officinale* (L.) Scop.—Hedge-mustard

Extirpated. Previously a weed at Life Saving Station No. 3 (St. John 1921). SJ.

Droseraceae—Sundew Family*Drosera intermedia* Hayne (*D. longifolia*)—Intermediate Sundew

Rare. Moist sand in Cranberry Heath communities. Seen only near Main Station at site SH7 and pond edges. JM,JE,CFL.

Drosera intermedia x *rotundifolia*

Rare. In moist acid sand of Cranberry Heath at site SH7 near Main Station. CFL.

Drosera rotundifolia L.—Round-leaved Sundew

Common. Fresh pond margins and Cranberry Heath. JM,HG,SJ,JE,CFL.

Crassulaceae—Orpine Family*Crassula aquatica* L. (*Tillaea aquatica*—including reports of *T. vaillantii*)—Pigmyweed

Occasional. Margins of certain fresh and brackish pools especially those much visited by birds and horses. Main Station, Grassy Plains, Life Saving Station No. 3, West Light. JM,SJ,JE,CFL.

Saxifragaceae—Saxifrage Family**Hydrangea paniculata* Sieb. var. *grandiflora* Sieb.

Extirpated. Of 25 planted in 1901, one survived until 1913 at Life Saving Station No. 3 (St. John 1921). SJ.

Rosaceae—Rose Family*Fragaria virginiana* Duch. var. *terrae-novae* (Rydb.) Fern. & Wieg.—Wild Strawberry

Common. An important component of the Merram-Fescue community and persisting in heath communities. JM,HG,SJ,JE,CFL.

Potentilla norvegica L.—Cinquefoil

Occasional. Pond edges and disturbed areas. JM,HG,SJ,JE,CFL.

Potentilla palustris (L.) Scop. var. *palustris*—Marsh Cinquefoil

Possibly extirpated. Previously at the east end of Wallace Lake on edge of fresh pond (St. John 1921). JM,SJ,JE.

Potentilla palustris (L.) Scop. var. *parviflora* (Raf.) Vern.—Marsh Cinquefoil

Rare. Wet area dominated by *Juncus balticus* and aquatic bryophytes in a Cranberry Heath near Main Station. Previously on a fresh pond margin at the east end of Wallace Lake (St. John 1921). SJ,CFL.

Potentilla tridentata Ait.—Three-toothed Cinquefoil

Occasional. Shrub Heath. JM,HG,SJ,JE,CFL.

Potentilla pacifica Howell (*P. oederi*, *P. egedei* var. *groenlandica*)—Cinquefoil

Occasional. Margins of brackish ponds. JM,HG,SJ,JE,CFL.

Rubus hispidus L.—Bristly Dewberry

Rare or extirpated. Known only from a collection by Macoun, which is at GH unlike most of Macoun's specimens which are at CAN. JM.

Rubus x arcuans Fern. & St. John (*recurvicaulis* x *setosus*)—Dewberry

Common. Shrub Heath. JM,HG,SJ,JE,CFL.

**Rosa rugosa* Thunb.—Rose

Rare. A planted clone persists near Life Saving Station No. 1 (Old Main Station). JE,CFL.

Rosa virginiana Mill.—Virginian Rose

Common. Marram-Fescue and Shrub Heath vegetation. JM,HG,SJ,JE,CFL.

Aronia prunifolia (Marsh.) Rehd. (= *Pyrus floribunda*)—Chokeberry

Common. Shrub Heath and less often Marram-Fescue and Cranberry Heath vegetation. JM,SJ,JE,CFL.

Fabaceae (Leguminosae)—Bean Family

**Cytissus scoparius* (L.) Link.—Scotch Broom

Extirpated. Of 1,000 bushes planted in 1901, only one survived in 1913 (St. John 1921). SJ.

**Trifolium agrarium* L.—Hop-clover

Rare. Disturbed ground around buildings at Main Station. CFL.

**Trifolium hybridum* L.—Alsike Clover

Rare. Disturbed ground along road near Main Station. JM,SJ,CFL.

**Trifolium pratense* L.—Red Clover

Occasional. Around buildings, ruins and along paths and pond edges. HG, SJ,JE,CFL.

**Trifolium repens* L.—White Clover

Common. Disturbed areas and pond edges, especially places much frequented by horses, also in Cranberry Heath. JM,SJ,JE,CFL.

**Vicia cracca* L.—Tufted Vetch

Occasional. Around ruins of Life Saving Stations and near West Light and Main Station grassy meadowland. JE,CFL.

Lathyrus maritimus (L.) Bigel. (*L. japonicus*)—Beach-pea

Common. An important component of Marram-dominated communities. Presence of nitrogen-fixing symbionts improves nutrient quality of the substrate. JM,HG,SJ,JE,CFL.

Lathyrus palustris L. var. *macranthus* (T.G.W.) Fern.—Vetchling

Occasional. Fresh pond edges. JM,HG,SJ,JE,CFL.

Lathyrus palustris L. var. *retusus* Fern. & St. John—Vetchling

Probably extirpated. Fresh pond edges, the exact locality unknown. SJ.

Linaceae—Flax Family

**Radiola linoides* Roth (*Millegrana radiola*)—All-seed

Rare. Knoll with closely cropped grass at West Light. CFL.

Empetraceae—Crowberry Family

Empetrum nigrum L.—Black Crowberry

Common. Shrub Heath. JM,HG,SJ,JE,CFL.

Anacardiaceae—Cashew Family

Rhus radicans L. subsp. *radicans*—Poison Ivy

Rare. With *Ammophila*, *Festuca* and *Achillea* on dune between and north of East and West Wallace. CFL.

Aquifoliaceae—Holly Family

Ilex verticillata (L.) Gray—Winterberry

Rare. Sparse Marram dunes between East and West Wallace. SJ,JE,CFL.

Aceraceae—Maple Family

**Acer platanoides* L.—Norway Maple

Rare. Of 500 planted in 1901, one survived in 1913 (St. John 1921), and one in 1981, near Life Saving Station No. 3. SJ,CFL.

Rhamnaceae—Buckthorn Family

**Rhamnus frangula* L.—Alder-buckthorn

Extirpated. One hundred were planted in 1901 and a few lasted until 1913 (St. John 1921). SJ,JE.

Hypericaceae (Guttiferae)—St. John's-wort Family

**Rhamnus frangula* L.—Alder-buckthorn

Extirpated. One hundred were planted in 1901 and a few lasted until 1913 (St. John 1921). SJ,JE.

Hypericaceae (Guttiferae)—St. John's-wort Family

Hypericum mutilum L. ssp. *boreale* (Britton) J.M. Gillett (*Hypericum boreale*)—St. John's-wort

Common. Mostly fresh pond edges but also Cranberry Heath. JM,HG,SJ,JE,CFL.
Triadenum fraseri (Spach) Gl. (previous records of *Hypericum virginicum* belong here)—Marsh St. John's-wort

Common. Fresh pond edges and Cranberry Heath. JM,HG,SJ,JE,CFL.

Violaceae—Violet Family

Viola incognita Brain. var. *forbesii* Brain.—Violet

Occasional. Shrub Heath. HG,CFL.

Viola lanceolata L.—Lance-leaved Violet

Common. Fresh pond edges and Cranberry Heath. JM,HG,SJ,JE, CFL.

Viola pallens (Banks) Brain.—Violet

Rare. Reported from wet dune hollows and borders of fresh ponds (St. John 1921). SJ,JE.

Viola primulifolia L.—Primrose-leaved Violet

Probably rare, but status and locations uncertain. SJ,JE.

Viola septentrionalis Greene—Violet

Rare. Heathy bank at edge of Cranberry Heath on Grassy Plains and fresh pond edge near Main Station. Previously also near Life Saving Station No. 3 (St. John 1931). SJ,CFL.

Onagraceae—Evening-primrose Family

Epilobium nesophilum Fern. var. *sabulonense* Fern. (*E. palustre* in part)—Willow-herb

Extirpated. Previously on the edges of fresh ponds at Life Saving Station No. 3. JM,SJ.

Oenothera cruciata Nutt. var. *cruciata*—Evening Primrose

Probably occasional, but status and localities not precisely determined. Lumped with *O. parviflora* by some recent authors. JM,SJ,CFL.

- Oenothera cruciata* Nutt. var. *sabulonensis* fern.—Evening Primrose
Common. Marram-Fescue communities and dry disturbed areas. This species is lumped with *O. parviflora* by some recent authors. JM,SJ,JE,CFL.
- Oenothera parviflora* L. (*O. muricata*)—Small-flowered Evening-primrose
Common. Mostly Marram-Fescue communities. JM,SJ,JE,CFL.

Haloragaceae—Water-milfoil Family

Myriophyllum tenellum Bigel.

Common. Fresh ponds. JM,HG,SJ,JE,CFL.

Hippuridaceae—Mare's-tail Family

Hippuris vulgaris L.

Rare. Found only in fresh ponds near West Light. JM,HG,SJ,JE,CFL.

Apiaceae (Umbelliferae)—Parsley Family

Ligusticum scoticum L.—Scoth Lovage

Rare. Edges of fresh ponds near West Light and edges of brackish ponds near No. 3 Life Saving Station. SJ,CFL.

**Daucus carota* L.—Wild Carrot

Apparently extirpated. Previously a garden weed at Life Saving Station No. 4 (St. John 1921). SJ.

Angelica lucida L. (*Coelopleurum lucidum* (L.) Fern.)—Angelica

Rare. Banks along the road near West Light. JM,HG,SJ,JE,CFL.

**Pastinaca sativa* L.—Parsnip

Extirpated. Previously planted at the East End Lighthouse (St. John 1921). SJ.

Cornaceae—Dogwood Family

Cornus canadensis L.—Bunchberry

Possibly extirpated. Known only from Dwight's collection without locality data (St. John 1921, p.87). JE.

Ericaceae—Heath Family

**Calluna vulgaris* (L.) Hull—Heather

Rare. Locally dominant north of Life Saving Station No. 3 (Site SH3). Gussow reported it from here and 10 miles west in 1911. R.J. Bouteillier, the island superintendent in 1913 suggested that it was introduced during the great forestry planting (i.e. 1901, St. John 1921, p. 87). HG,SJ,CFL.

Vaccinium angustifolium Ait. (*V. pensylvanicum*)—Low Sweet Blueberry

Common. An important component of Shrub Heath communities. JM,HG,SJ,JE,CFL.

Vaccinium macrocarpon Ait.—Large Cranberry

Common. Dominant in Cranberry Heath Communities. Around 1913, 50-200 barrels were picked and exported every year (St. John 1921, p. 88). JM,HG,SJ,JE,CFL.

Primulaceae—Primrose Family

Lysimachia terrestris (L.) BSP.—Yellow Loosestrife

Common. Fresh pond edges and Cranberry Heath. JM,HG,SJ,JE,CFL.

Trientalis borealis Raf.—Star-flower

Common. Shrub Heath. JM,SJ,JE,CFL.

Centunculus minimus L.—Chaffweed

Rare. Borders of brackish pools and fresh pools much used by birds. Found at Life Saving Station No. 3 ponds, in grassy plains area and north of East Wallace. St. John collected it on the "brackish beach of Wallace Lake" (CAN). Macoun's collection is lacking a definite location. JM,SJ,JE,CFL.

Gentianaceae—Gentian Family

Bartonia paniculata (Michx.) Muhl. var. *sabulonensis* Fern. (*B. iodandra*)—Bartonia
Rare. Cranberry Heath on fresh pond border between West Light and Main Station and Cranberry Heath between Life Saving Station No. 3 and Grassy Plains, and between East Wallace and Life Saving Station No. 3. A total of less than 30 plants seen by us. JM,HG,SJ,CFL.

Menyanthes trifoliata L.—Bogbean

Rare. Previously in fresh ponds (since turned brackish) at Life Saving Station No. 3. Not seen by us but reported to be still present (A. Wilson, pers. comm.) near Main Station. JM,JE,CFL.

Centaureum umbellatum Gilib.—Centauray

Common. Margins of fresh ponds and moist disturbed areas. JM,HG,SJ,JE,CFL.

Convolvulaceae—Morning-glory Family

Calystegia sepium (L.) R. Br. (*Convolvulus sepium*)—Morning-glory

Common. Marram-Forb communities and high banks of brackish ponds at Life Saving Station No. 3. JM,SJ,JE,CFL.

Boraginaceae—Borage Family

**Lappula echinata* Gilib.—Stickseed

Extirpated. A single specimen was previously reported from Main Station (St. John 1921). SJ.

Lamiaceae (Labiatae)—Mint Family

Scutellaria galericulata L.—Common Skullcap

Rare. Only on higher banks of brackish ponds at Life Saving Station No. 3. CFL.

**Galeopsis tetrahit* L. var. *bifida* (Boehm.) Leg. & Court—Hemp-nettle

Extirpated. Previously a weed at Main Station (St. John 1921). SJ.

Lycopus uniflorus Michx. var. *ovatus* (Fern.) (St. John)—Bugleweed

Common. Cranberry Heath and fresh pond edges. JM,HG,SJ,JE,CFL.

Teurium canadense L. var. *littorale* (Bickn.) (Fern.)—Wood-sage

Rare. Higher edges of brackish ponds at Life Saving Station No. 3. SJ,CFL.

Mentha arvensis L.—Mint

Rare. High banks of brackish ponds at Life Saving Station No. 3. SJ,CFL.

Solanaceae—Nightshade Family

**Solanum nigrum* L.—Black Nightshade

Occasional. Disturbed places, high banks of brackish pools and ruins, and less often on the beach strand. JM,HG,SJ,JE,CFL.

**Lycium europaeum* L.—Matrimony-vine

Extirpated. Previously planted and persisting near Life Saving Station No. 3 (St. John 1921). SJ.

Scrophulariaceae—Figwort Family

Agalinus neoscotica (Greene) Fern. (*Gerardia neoscotica*)—Gerardia

Common. Fresh pond edges, Cranberry Heath and moist sand. JM,SJ,JE,CFL.

Euphrasia randii B.L. Robinson (*E. purpurea*)—Eyebright

Common. Disturbed areas such as paths through Shrub Heath, also fresh pond shores. JM,HG,SJ,JE,CFL.

Rhinanthus minor L. (*Rhinanthus crista-galli*)—Yellow-rattle

Common. Shrub Heath. JM,HG,SJ,JE,CFL.

Limosella subulata Ives—Mudwort

Rare. Raw sand on brackish pool margins, Life Saving Station No. 3, north of East Wallace and West Light. JM,SJ,JE,CFL.

Lentibulariaceae—Bladderwort Family*Utricularia cornuta* Michx.—Horned Bladderwort

Extirpated. Known only from Macoun's 1899 collections (3 sheets at CAN with more than 41 flowering plants.). Macoun described it as "common in muddy places". JM.

Plantaginaceae—Plantain Family**Plantago lanceolata* L.—Ribgrass

Rare. Edges of brackish ponds near Life Saving Station No. 3. CFL.

Plantago major L. (var. *intermedia*)—Common Plantain

Occasional. Brackish pond margins and disturbed areas. JM,HG,SJ,JE,CFL.

Plantago maritima L. (*P. dicipiens*, *P. juncooides*)—Seaside Plantain

Rare. Brackish pond edges near Life Saving Station No. 3. JM,HG,SJ,JE,CFL.

Rubiaceae—Madder Family*Mitchella repens* L.—Partridge-berry

Common. Shrub Heath. JM,HG,SJ,JE,CFL.

Galium trifidum L. var. *trifidum*—Bedstraw

Common. Fresh pond edges. JM,HG,SJ,JE,CFL.

Galium trifidum L. var. *tinctorium* (L.) T. & G. (*G. claytonii*)—Bedstraw

Status and locations uncertain. SJ.

Caprifoliaceae—Honeysuckle Family*Lonicera villosa* (Michx.) R. & S. var. *calvescens* (Fern. & Wieg.) Fern. (*L. caerulea* var. *calvescens*)—Mountain Fly-honeysuckle

Probably extirpated. Previous localities unknown. JM,JE.

Linnaea borealis L. var. *longiflora* Torr. (*L. americana*)—Twinflower

Occasional. Shrub Heath. JM,HG,SJ,CFL.

Viburnum cassinoides L.—Wild Raisin

Occasional. Shrub Heath. JM,HG,SJ,JE,CFL.

Lobeliaceae—Lobelia Family*Lobelia dortmanna* L.—Water-lobelia

Rare, but listed as abundant by St. John. Fresh pool borders near Main Station. JM,SJ,JE,CFL.

Asteraceae (Compositae)—Aster Family**Rudbeckia hirta* L.—Coneflower

Extirpated. Known only from Macoun's 1899 record, the specimen being without habitat and precise location. JM.

Bidens connata Muhl. var. *petiolata* (Nutt.) Farw. (*B. tripartita* in part)—Bur-marigold

Rare. Borders of fresh ponds, West Light, between East and West Wallace. HG,SJ,CFL.

Bidens frondosa L.—Bur-marigold

Rare. Borders of fresh ponds at West Light. Macoun's label reads: "by the pond at No. 3 (Life Saving Station) very rare". JM,CFL.

**Anthemis cotula* L.—Mayweed

Extirpated. Previously well established at Main Station (St. John 1921). JM, HG,SJ.

Achillea lanulosa Nutt.—Woolly Yarrow

Common. In all major vegetation types on the island but most important in Mar-ram-Forb and Marram-Fescue. JM,HG,SJ,JE,CFL.

- **Leucanthemum vulgare* Lam. (*Chrysanthemum leucanthemum* var. *Pinnatifidum*)—Ox-eye Daisy
Rare. Disturbed ground at Main Station. SJ,JE,CFL.
- **Matricaria matricarioides* (Less.) Port.—Pineapple-weed
Apparently extirpated. Known only from Erskine's collection. JE.
- **Artemisia stelleriana* Besser—Beach Wormwood
Occasional. Several large vigorous clumps along the north side of the island in high Marram dunes in areas of accumulating sand. CFL.
- Senecio pseudo-arnica* Less.—Ragwort
Possibly extirpated. Previously reported from gulches near the sea at the top of the beaches'' by St. John (1921). Macoun's specimen came from ''exposed sands at East Point''. JM,HG,SJ.
- Solidago sempervirens* L.—Seaside Goldenrod
Common. Present in all major vegetation types on the island, but most important in Marram and Marram-Fescue communities. JM,HG,SJ,JE,CFL.
- Aster novi-belgii* L. var. *novi-belgii*—New York Aster
Common. Shrub Heath and Cranberry Heath and to a lesser extent in Marram-Fescue and on fresh pond margins. JM,HG,SJ,JE,CFL.
- Aster novi-belgii* L. var. *litoreus* Gray—New York Aster
Status and locations uncertain. JM,SJ.
- Gnaphalium obtusifolium* L.—Catfoot
Occasional. Shrub Heath. JM,HG,SJ,JE,CFL.
- **Gnaphalium uliginosum* L.—Low Cudweed
Occasional. Edges of fresh ponds much frequented by birds and horses and disturbed ground at Main Station. JM,SJ,CFL.
- Anaphalis margaritacea* (L.) Benth. & Hook. var. *subalpina* Gray—Pearly Everlasting
Common. Marram-Fescue and to a lesser extent in Shrub Heath. JM,SJ,JE,CFL.
- **Cirsium arvense* (L.) Scop.—Canada Thistle
Rare. Although listed as spreading by St. John (1921, p. 96) seen only at Life Saving Station No. 3 and at Main Station by us. JM,HG,SJ,CFL.
- **Centaurea nigra* L.—Knapweed
Rare, on disturbed, grassy, Shrub Heath east of West Light. CFL.
- Prenanthes trifoliata* (Cass.) Fern.—Rattlesnake-root
Common. Shrub Heath. JM,HG,SJ,JE,CFL.
- Prenanthes nana* (Bigel.) Torr.—Rattlesnake-root
Probably extirpated. Known only from St. John's 1913 collection from ''turf covered dunes'' (St. John 1921, p. 97). SJ.
- Hieraceum scabrum* (Michx.) var. *leucocaula* Fern. & St. John—Hawkweed
Common. Shrub Heath. JM,HG,SJ,JE,CFL.
- **Taraxacum officinale* Weber—Dandelion
Rare. Disturbed ground around ruins of buildings at Life Saving Station No. 3. JM,SJ,JE,CFL.
- **Sonchus asper* (L.) Hill—Spiny-leaved Sow-thistle
Rare. Higher edges of brackish pools and ruins at Life Saving Station No. 3. SJ,JE,CFL.
- **Sonchus uliginosus* Bieb. (*S. arvensis* var. *glabrescens*)—Sow-thistle
Rare. About the ruins of Life Saving Station No. 3 and disturbed areas at Main Station. JE,CFL.
- **Cichorium intybus* L.—Chicory
Extirpated. Previously a weed at Main Station (St. John 1921). SJ.
- **Leontodon autumnalis* L.—Fall-dandelion
Common. Disturbed areas, especially disturbed pond edges, paths and to a lesser extent in Shrub Heath. JM,HG,SJ,JE,CFL.



Fig 26. *Bartonia paniculata* var. *sabulonensis*, a variety endemic to Sable Island, photographed near West Light.



Fig 27. *Calopogon tuberosus* var. *latifolius*, a variety of the Grass Pink Orchid endemic to Sable Island and the Magdalen Islands, photographed near West Light.



Fig 28. A freshwater sponge (*Heteromeyenia macounii*) attached to the submerged stems of *Myriophyllum tenellum* in a freshwater pool near Main Station.



Fig 29. Clumps of *Ilex verticillata* and *Rhus radicans* var. *radicans* near East Wallace.

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