

in an honourable way, as souvenirs, such as a well-prepared fox for our Dresden Zoological Museum. I was told however, that this would be possible only through the Mission agent in London at the trade price, which could not be determined until the skins were sold during the coming winter.

In marked contrast to the regulations quoted to me, which also made it impossible to secure some skins for scientific purposes, is the communication of Governor MacGregor: Report, 1906, p. 31: "The natives are at perfect liberty, at all the stations to sell to others than the mission if they choose to do so. They do actually dispose of a certain quantity of things, especially of boots and fur to fishing schooners and traders; but the great bulk of their produce they dispose of to the Missions." P. 26: "The natives may buy back anything they may have sold to the mission and at the same price they received for it."

The skins are secured by the natives in the following manner. From the end of October until the beginning of April when the coat of hair is "prime" the natives place out a rather large number of well-baited traps, which are looked over daily or weekly according to the extent of the trap-line and the weather. The best time is said to be the end of December and January. Summer skins have no value at all, autumn and late spring skins only a very small value. The

trapper has to put long distances behind him often in vain; then a fox will be caught but another beast of prey (wolverines are blamed in particular) or perhaps another fox has eaten the helpless fox, and destroyed the skin; at other times no fox or other fur-bearing animal, but a falcon or snowy owl has been caught, or the trap has been pulled away and lost. So trapping remains ever an uncertain calling, which demands much skill and hard work. A man's industry is judged according to the number of fox-skins secured during the winter. The captured animals are killed if necessary, then taken from the trap carefully, and the traps set again. They skin the animals at home by making an incision on the inside of the hind legs, also turning tail, ears and feet completely inside out. Then they scrape the skin carefully until it is clean, stretch it on a board for a few days until it is somewhat dried—quick drying in too great heat may injure the skin [P. 253] and cause the hairs to fall out in the later dressing. Finally they turn the skin right side out and hang it up by the nose for complete drying. It is easily understood, that this work is not too easy in the cramped, dark Eskimo houses, and also not conducive to the improvement of the air, already filled with odours. Luckily there are no moths nor other harmful pests in those districts which would injure the fur.

(To be continued)

AN ANNOTATED LIST OF VASCULAR PLANTS COLLECTED ON THE NORTH SHORE OF THE GULF OF ST. LAWRENCE, 1927-1930

By HARRISON F. LEWIS

(Continued from page 228, Vol. XLV)

MYRICACEÆ

Myrica Gale L.

Watshishu, June 8, 1927, damp, mossy hollow on granitic island. Kegaska River (mouth) June 10, 1927, top of sandy bank on mainland near shore. Wapitagun, June 17, 1927, damp bog hollow. At Natashquan this species in 1928 was observed in bloom at least as early as May 18.

BETULACEÆ

Betula papyrifera Marsh.

Seven Islands, September 7, 1928, face of steep wooded bank of sand and clay. Betchewun, August 25, 1928, old tree in dense woods, chiefly coniferous. Recorded by St. John as *Betula alba* L.

Betula papyrifera Marsh., f. *occidentalis* (Hook.) Fernald.

Net Island, July 4, 1927, precipitous south side of island, at about 100 feet elevation. Recorded by St. John as *B. alba* L., f. *occidentalis* (Hook.) Fernald.

Betula papyrifera Marsh., var. *cordifolia* (Regel) Fernald.

Sholiaban, July 23, 1928, in wooded hollow. La Tabatière, July 21, 1928, in woods that were chiefly coniferous. Recorded by St. John as *B. alba* L., var. *cordifolia* (Regel) Fernald.

Betula glandulosa Michx. x. *B. papyrifera* Marsh. (*B. microphylla* Bunge).

Eskimo Island, August 28, 1928, sunny slope. Bradore Bay, June 30, 1927, wooded thicket on pre-Cambrian formation at head of bay. Blanc Sablon, July 10, 1928, prostrate on sandy hillside, west side of river. Recorded by St. John as *B. microphylla* Bunge.

**Betula papyrifera* Marsh. x. *B. pumila* L. (*B. borealis* Spach).

Ste. Genevieve Island, August 23, 1928, steep bank just above beach.

Betula Michauxii Spach.

Kegaska River (mouth), June 23, 1928, open tundra. Harrington Harbour, July 5, 1928, damp, broad, mossy ledge.

Betula pumila L.

Ste. Genevieve Island, August 23, 1928, steep bank just above shore. The Bluff Harbour, June 14, 1927, shallow turf on granite island. Wapitagan Island, August 6, 1928, prostrate on tundra, partially erect where sheltered. Harrington Harbour, June 20, 1927, boggy turf on granite, and July 5, 1928, damp, broad, mossy ledge. Aylmer Sound, August 18, 1927, thicket on Little Mecatina Island. Dukes Island, July 7, 1928, tundra. Rocky Bay, June 24, 1927. Bradore Bay, June 28, 1927, damp earth among low fir and spruce on calcareous sandstone. Blanc Sablon, July 10, 1928, sandy hillside, west side of river.

**Betula pumila* L., var. *renifolia* Fernald.

Mutton Bay, July 27, 1929, hillside east of the harbour. The type locality. Described and recorded from Mutton Bay by M. L. Fernald (1926).

Betula glandulosa Michx.

Mascanin, August 20, 1928, wet muskeg beside small stream. Rocky Bay, July 17, 1928, boggy rivulet-side. Bradore Bay, June 28, 1927, wet, boggy hilltop on calcareous sandstone. Blanc Sablon, July 10, 1928, sandy hillside, west side of river.

Alnus crispa (Ait.) Pursh, var. *mollis* Fernald.

Kegaska River (mouth), June 10, 1927, wooded top of sandy bank. Rocky Bay, June 24, 1927, rocky hillside. Blanc Sablon, June 28, 1927, sandy bank of brook, on calcareous sandstone, west side of river.

Alnus incana (L.) Moench, var. *glauca* Ait.

Natashquan, May 24, 1928, damp depression and August 17, 1928, border of damp slough and August 18, 1928, border of wet hollow in sandy woods. Shedding pollen at Natashquan on May 15, 1928.

URTICACEÆ

Urtica gracilis Ait.

Seven Islands, September 3, 1928, beside wooden side-walk of principal street.

Urtica viridis Rydb.

Fog Island, August 2, 1927, turfy slope. Blanc Sablon, July 11, 1928, turf on gneiss plain. Recorded by St. John as *U. Lyallii* Wats.

SANTALACEÆ

Comandra Richardsiana Fernald.

Betchewun, August 25, 1928, open grassland near coniferous woods.

Geocaulon lividum (Richards.) Fernald.

Natashquan, August 5, 1927, open, sandy woods. La Tabatière, July 7, 1927, mossy border of woods. Bradore Bay, June 30, 1927, mossy slope on calcareous sandstone near head of bay. Recorded by St. John as *Comandra livida* Richardson.

POLYGONACEÆ

Rumex occidentalis Wats.

Bonne Esperance, August 22, 1927, hillside near fishing establishment.

Rumex Britannica L.

Natashquan, August 7, 1927, border of fresh marsh.

Rumex mexicanus Meisn.

Kegaska, August 12, 1927, sandy dooryard. Harrington Harbour, July 25, 1928, top of sandy beach on mainland. Recorded by St. John as occurring "eastward as far as Romaine". Range extension, 59 miles E.

RUMEX ACETOSELLA L.

St. Mary Islands, July 24, 1927, gravelly foot-path on western island. Blanc Sablon, August 26, 1927, sandy bank, mouth of Blanc Sablon River, east side of river.

Polygonum Fowleri Robinson.

Kegaska, August 12, 1927, sandy beach. Wapitagan, July 30, 1927, crevices in exposed rock near shore of outer islands.

POLYGONUM AVICULARE L.

Natashquan, August 9, 1927, sandy roadway.

Polygonum viviparum L.

Boat Islands, July 26, 1927, turfy hillside. St. Mary Islands, July 23, 1927, crevices in rock near shore of eastern island. Bradore Bay, July 13, 1928, turfy plain.

*POLYGONUM PERSICARIA L.

Magpie, September 1, 1928, damp hollow beside road. Observed at Thunder River also.

POLYGONUM CONVULVULUS L.

Betchewun, August 25, 1928, gravelly shore. Natashquan, September 8, 1927, sandy churchyard.

CHENOPODIACEÆ

CHENOPODIUM ALBUM L.

Matamek River (mouth), September 5, 1928, dooryard. Harrington Harbour, September 1, 1927, rubbish heap.

Atriplex patula L.

Mascanin, August 20, 1928, gravel and decayed seaweed, just above shore of granitic island.

Atriplex glabriuscula Edmonston.

Aylmer Sound, August 18, 1927, top of sandy

beach on Little Mecatina Island. Blanc Sablon, July 11, 1928, rotting seaweed at top of beach of cove, east side of river. Recorded by St. John as *A. patula* var. *hastata* (L.) Gray.

Salicornia europaea L.

The Bluff Harbour, August 1, 1927, salt marsh on big island. Also observed as common in salt marsh at Mascanin, and seen at St. Charles Island and mouth of Matamek River. St. John says, "Known only from Seven Islands". Range extension, 258 miles E.

**Suaeda Richii* Fernald.

St. Charles Island, August 27, 1928, limestone shingle beach of sheltered cove.

CARYOPHYLLACEÆ

Spergularia canadensis (Pers.) Don.

The Bluff Harbour, August 1, 1927, salt marsh on big island.

Sagina nodosa (L.) Fenzl.

Mingan, August 31, 1928, brackish sand flat. Natashquan, August 5, 1927, damp sand flat. Kegaska, August 15, 1928, crevice in granitic rock near shore of Kegaska Island. Wolf Bay, August 13, 1927, brackish sand flat beside shore. La Tabatière, July 21, 1928, narrow cracks in granitic rock at shore.

Arenaria lateriflora L., var. *typica* (Regel) St. John.

Lake Island, July 18, 1927, turf just above shore line. Wapitagun, July 30, 1927, peaty hummock among low herbage. St. Mary Islands, July 22, 1927, sandy strip above rock beach, on middle island.

Arenaria peploides L., var. *diffusa* Hornem.

Dukes Island, July 7, 1928, gravelly beach. Anse des Dunes, July 12, 1928, sandy beach, in a position just below the beach grass (*Ammophila*), about 12 feet above the lowest land vegetation.

Arenaria peploides L., var. *robusta* Fernald.

Kegaska, August 14, 1928, sand beach. Harrington Harbour, July 25, 1928, top of sand beach on mainland. Bradore Bay, June 29, 1927, sand beach at lower margin of grass (*Elymus*).

**Arenaria peploides* L., var. *maxima* Fernald.

Anse des Dunes, July 12, 1928, the lowest land vegetation on a sandy beach.

**Arenaria verna* L., var. *pubescens* (Cham. & Schl.) Fernald.

Greenly Island, July 12, 1928, sandstone crag.

Arenaria grœnlandica (Retz.) Spreng.

Lake Island, July 29, 1927, shallow gravel and lichen mats on rock summit. Rocky Bay, July 17, 1928, granitic crests of hills, about 400 feet high.

Stellaria calycantha (Ledeb.) Bongard.

■ La Tabatière, July 7, 1927, grassy slope. Dukes Island, July 7, 1928, upper part of gravelly beach. Rocky Bay, July 18, 1928, moss on low ground near Rocky Bay River. Recorded by St. John as *Stellaria borealis* Bigel.

Stellaria crassifolia Ehrh.

Rock near Fog Island, August 9, 1928, damp depression.

Stellaria humifusa Rottb.

The Bluff Harbour, August 1, 1927, salt marsh on big island. Lake Island, August 7, 1928, crevice in granitic rock at shore of cove. Mainland west of Net Island. Old Fort Archipelago, July 5, 1927, saline shore of sand and granite.

Stellaria longipes Goldie.

Ste. Genevieve Island, August 23, 1928, top of limestone shingle beach. Natashquan, June 27, 1928, sandy turf. St. Mary Islands, July 22, 1927, sandy beach above rock shore of middle island. Bradore Bay, June 28, 1927, damp turf on calcareous sandstone.

STELLARIA MEDIA (L.) Cyrill.

Natashquan, August 7, 1927, brackish marsh beside Little Natashquan River. St. Augustin Island, July 19, 1928, damp, rich earth near old chimney.

**Cerastium arvense* L.

Betchewun, August 25, 1928, turfy slope near shore of Gun Island. Given in St. John's list as hypothetical.

Cerastium Beeringianum Cham. & Schl.

Wolf Bay, June 18, 1928, shallow turf on granitic island. St. Augustin, June 22, 1927, island in the group called St. Augustin Square. Greenly Island, June 29, 1927, turfy hillside on calcareous sandstone, and July 12, 1928, sandstone crag.

**Cerastium alpinum* L., var. *lanatum* (Lam.) Hegetschw.

Net Island, July 4, 1927, precipitous southern face of the island, at about 100 feet elevation.

Silene acaulis L., var. *exscapa* (All.) DC.

Boat Islands, June 28, 1929, on surface of granitic rock. Mutton Bay, July 9, 1927, weathered rocky crest, at about 100 feet elevation. Salmon Bay, July 1, 1927, crevice on granitic headland. Recorded by St. John "from île Tête à la Baleine east to the strait of Belle Isle". Range extension, 34 miles W.

PORTULACACEÆ

Montia lamprosperma Cham.

Wapitagun, July 30, 1927, crevices in exposed rock near shore of outer islands. Harrington Harbour, July 25, 1928, rocky point of mainland. Whale Head, July 10, 1927, among sedges in

low, wet hollow at Jas. Mauger's harbour. Rocky Bay, July 18, 1928, gravel shore near mouth of Rocky Bay River.

NYMPHÆACEÆ

Nymphozanthus variegatus (Engelm.) Fernald.

Lake Island, July 29, 1927, in 6 inches of water in small pond.

RANUNCULACEÆ

Ranunculus aquatilis L., var. *capillaceus* DC.

Bradore Bay, August 27, 1927, in 1 foot of water in slow-flowing brook on calcareous sandstone.

Ranunculus Cymbalaria Pursh.

Pointe au Maurier, July 13, 1927, on a small island.

Ranunculus hyperboreus Rottb.

Boat Islands, July 27, 1927, small pool in rock.

Ranunculus reptans L.

Natashquan, August 5, 1927, damp pond margin, and August 18, 1928, matted on dried-up pond bed. Kegaska, September 4, 1927, bank of slow-flowing brook.

Ranunculus abortivus L.

Blanc Sablon, July 11, 1928, turf near houses, east side of river.

Ranunculus pennsylvanicus L.

Thunder River, September 2, 1928, rich swale. La Tabatière, July 21, 1928, turf beside path. Observed also at Seven Islands.

RANUNCULUS ACRIS L., var. *STEVENI* (Andrz.) Lange.

Magpie, September 1, 1928, sodded, pastured roadside. Natashquan, August 17, 1928, grassy roadside. St. Mary Islands, July 25, 1927, turf near boathouse on western island.

**Thalictrum alpinum* L.

St. Charles Island, August 27, 1928, talus at foot of shore cliff. Given as hypothetical by St. John, following a report by D. N. Saint-Cyr of its occurrence on this island.

Thalictrum confine Fernald.

Seven Islands, September 12, 1928, widely distributed over raised boulder beach above gravel shore on Manowin Island. Betchewun, August 25, 1928, open slope of Gun Island (not wooded). Mascanin, June 20, 1929, fresh upper border of salt marsh. Kegaska, August 10, 1929, top of beach on Kegaska Island. Recorded by St. John from region of Mingan Islands only. Range extension, 98 miles W. and 79 miles E.

Thalictrum polygamum Muhl.

Thunder River, September 2, 1928, rich river bank. Kegaska River (mouth), August 3, 1927, sandy bank. Etamamu River (island

near mouth of), July 20, 1927, damp hollow on granitic rocks near shore. Blanc Sablon, July 11, 1928, damp shore of river, west side of river.

**Anemone parviflora* Michx.

St. Charles Island, August 27, 1928, limestone talus at foot of shore cliff. Given as hypothetical by St. John.

Caltha palustris L.

Betchewun, June 3, 1928, marshy brook.

Blanc Sablon, July 11, 1928, wet brookside.

Seen also at Seven Islands.

Coptis grænlandica (Oeder) Fernald.

Harrington Harbour, June 20, 1927, open, grassy marsh, about 2 feet above high tide. Bradore Bay, June 28, 1927, wet, gravelly hillside on calcareous sandstone. Recorded by St. John as *Coptis trifolia* (L.) Salisb.

Actæa rubra Willd.

Betchewun, August 25, 1928, border of woods on Wood Island. Kegaska, June 23, 1928, border of woods near houses. Mutton Bay, July 9, 1927, basaltic dyke ravine. Blanc Sablon, July 11, 1928, wet slope of steep bank, east side of river.

Actæa rubra Willd., f. *neglecta* (Gillm.) Robinson.

Kegaska, August 15, 1928, thicket back of mussel-shell beach on Kegaska Island. Recorded by St. John only from region of Mingan Islands. Range extension, 79 miles E.

CRUCIFERÆ

Draba incana L.

Betchewun, June 5, 1927, limestone boulder. Whale Head, July 10, 1927, turfey dooryard near Jas. Mauger's harbour. Bradore Bay, June 29, 1927, grassy crest of sand beach.

Draba incana L., var. *confusa* (Ehrh.) Poir.

Kegaska, August 14, 1928, dry, broken mussel-shell above beach on Green Island. Wolf Bay, July 31, 1927, turfey slope of island called "The Black Land". Wapitagan, July 14, 1927, turfey crest of rock knob on Matchiatik Island. Pointe au Maurier, July 13, 1927, mussel-shell beach near tide mark.

Draba arabisans Michx., var. *orthocarpa* Fernald & Knowlton.

Kegaska, June 23, 1928, mussel-shell detritus near shore. Wolf Bay, June 18, 1928, shallow turf on rocky point of island called "The Black Land". Net Island, July 4, 1927, precipitous southern face of island, at an elevation of about 250 feet. Bradore Bay, June 28, 1927, crest of sandy beach in area of calcareous sandstone. Anse des Dunes, July 12, 1928, grassy area above beach. Recorded by St. John as far east as "Archipel Ouapitagone: Romaine" only. Range extension, 178 miles E.

**Draba hirta* L.

Wolf Bay, July 31, 1927, rocky crest on island called "The Black Land".

THLASPI ARVENSE L.

Wolf Bay, August 13, 1927, dooryard at head of bay. Harrington Harbour, September 1, 1927, rubbish heap. St. Augustin Island, July 19, 1928, damp, rich earth near old chimney.

Subularia aquatica L.

Kegaska, September 4, 1927, in 2 feet of water in slow-flowing brook.

CAPSELLA BURSA-PASTORIS (L.) Medic.

Natashquan, August 5, 1927, sandy road. Bradore Bay, June 30, 1927, damp dooryard at head of bay.

**NESLIA PANICULATA* (L.) Desv.

Harrington Harbour, September 1, 1927, rubbish heap.

Cakile edentula (Bigel.) Hook.

Natashquan, August 5, 1927, loose sand between dunes and shore. Harrington Harbour, July 25, 1928, sandy sea beach on mainland. Anse des Dunes, August 26, 1927, top of sandy beach. Recorded by St. John as far east as "Rivière Netagamiou" only. Range extension, 124 miles E.

**BRASSICA JUNCEA* (L.) Cosson.

Harrington Harbour, September 1, 1927, rubbish heap.

Cochlearia cyclocarpa S. F. Blake.

Ste. Genevieve Island, August 23, 1928, top of limestone shingle beach. Watshishu, May 26, 1928, in flower in crevices and on edges of shallow turf, on granitic islands. Pointe au Maurier, July 13, 1927, on small island. Lourdes de Blanc Sablon, June 29, 1927, cracks in gneiss near shore.

Cochlearia tridactylites Banks.

Betchewun, June 6, 1927, grassy, open area on limestone on Gun Island.

Rorippa palustris (L.) Bess., var. *hispida* (Desv.) Rydb.

Fog Island, August 2, 1927, turfy slope, and August 9, 1928, along rivulet. Harrington Harbour, July 25, 1928, iron-soaked sand at top of beach of mainland. Recorded by St. John as *Radicula palustris* (L.) Moench, var. *hispida* (Desv.) Robinson.

Barbarea orthoceras Ledeb.

La Tabatière, July 21, 1928, damp soil near shore. Blanc Sablon, July 11, 1928, wet slope of steep bank, east side of river.

**Cardamine pratensis* L.

St. Mary Islands, July 27, 1927, wet, mossy swale on "Puffin" Island, a small island west of Cliff Island. Given as hypothetical by St. John.

Cardamine pennsylvanica Muhl.

Wolf Bay, August 13, 1927, dooryard at head

of bay. La Tabatière, July 21, 1928, wet, shaded humus soil. Reported by St. John from Blanc Sablon only. Range extension, 153 miles W.

Arabis alpina L.

Blanc Sablon, June 28, 1927, cold, mossy, springy slope on calcareous sandstone, west side of river. Greenly Island, July 6, 1930, damp earth among boulders.

Arabis Drummondii Gray.

Blanc Sablon, July 20, 1929, bank of small stream, west side of river. Collected by E. C. Abbe.

SARRACENIACEÆ

Sarracenia purpurea L.

Natashquan, August 6, 1927, sphagnum bog. Generally common.

DROSERACEÆ

Drosera rotundifolia L.

Natashquan, August 9, 1927, damp hollow among sand dunes. Generally abundant.

Drosera anglica Huds.

Baie Johan Beetz, August 22, 1928, wet sphagnum near shore. Natashquan, August 6, 1927, boggy, open valley. Kegaska River, August 15, 1928, wet muskeg. Pointe au Maurier, July 13, 1927, wet sphagnum on rock near shore.

CRASSULACEÆ

Sedum villosum L.

On an outer island about 3 miles west of Cape Mecatina, July 23, 1928, in moss at edge of vegetation. St. Augustin, July 19, 1928, shallow, wet moss and turf on granitic island in the group of islands called St. Augustin Square. These two stations are about 42 miles apart. Those reported by St. John, namely, "Archipel de Kécarpoui: îles Affligées, and île Kécarpoui", lie between them. The species was observed also on an island lying about 5 miles west of St. Augustin Island, which is likewise between the extremes given above.

Sedum roseum (L.) Scop.

Ste. Genevieve Island, June 7, 1927, limestone rocks at top of beach. St. Augustin Island, June 23, 1927. Blanc Sablon, June 28, 1927, very shallow turf on granitic rock near river.

SAXIFRAGACEÆ

Saxifraga cæspitosa L.

Whale Head, July 10, 1927, crevices in granite cliff on island at Jas. Mauger's harbour. St. Augustin, July 19, 1928, damp rock on granitic island in the group of islands called St. Augustin Square.

Saxifraga aizoon Jacq.

Mutton Bay, July 9, 1927, weathered rocky crest, at elevation of about 150 feet.

Saxifraga oppositifolia L.

Fright Island, June 4, 1927, turf resting on limestone on high, open bank. St. Charles Island, August 27, 1928, limestone talus at foot of shore cliff. Ste. Genevieve Island, June 7, 1927, limestone rocks at top of beach. Observed only among Mingan Islands.

Mitella nuda L.

Ste. Genevieve Island, August 23, 1928, shaded, mossy, coniferous woods.

Parnassia parviflora DC.

Kegaska, August 14, 1928, turf near shore of Green Island. Fog Island, August 2, 1927, and August 9, 1928, turf slope. Observed also near outer shore of Kegaska Island, at Kegaska. Recorded by St. John only from region of Mingan Islands. Range extension, 113 miles E.

Parnassia Kotzebuei Cham. & Schl.

Blanc Sablon, July 11, 1928, wet slope of steep bank, east side of river.

Ribes hirtellum Michx.

Natashquan, June 27, 1928, turf roadside. Wolf Bay, July 31, 1927, foot of bank on island called "The Black Land".

Ribes hirtellum Michx., var. *calcicola* Fernald.

Ste. Genevieve Island, August 23, 1928, top of limestone shingle beach. Kegaska, August 14, 1928, fringing vegetation near shore of Green Island. Recorded by St. John from Mingan Islands only. Range extension, 80 miles E.

Ribes lacustre Poir.

Betchewun, August 26, 1928, border of woods. La Tabatière, July 21, 1928, shady coniferous woods. Blanc Sablon, August 26, 1927, wooded hollow near falls of Blanc Sablon River, west side of river. Observed also on Kegaska Island. Recorded definitely by St. John only from Mingan Islands. Range extension, 285 miles E.

Ribes prostratum L'Hér.

Betchewun, June 5, 1927, open limestone areas near shore. Kegaska River, June 10, 1927, wooded top of sandy bank. Harrington Harbour, June 20, 1927, brushy ravine. Bradore Bay, June 28, 1927, damp earth among low fir and spruce plants on calcareous sandstone.

Ribes triste Pall.

Betchewun, August 25, 1928, thicket just within border of woods on Wood Island.

Ribes triste Pall., var. *albinervium* (Michx.) Fernald.

Blanc Sablon, July 11, 1928, foot of steep bank, east side of river.

ROSACEÆ

Spiræa latifolia Borkh., var. *septentrionalis* Fernald.

Mingan, August 30, 1928, sand flat beside

Mingan River. Natashquan, August 5, 1927, pond margin. Also observed at Kegaska, beside slow-flowing stream, which is 24 miles east of Natashquan, the easternmost point from which it is recorded by St. John.

Aronia arbutifolia (L.) Ell., var. *atropurpurea* (Britt.) Schneid.

Baie Johan Beetz, August 22, 1928, thin, scanty soil on granite hillside. Mascanin, August 20, 1928, about 6 inches high at edge of vegetation bordering bare granite exposure on hillside. Recorded by St. John as *Pyrus arbutifolia* (L.) L.f., var. *atropurpurea* (Britton) Robinson.

Sorbus americana Marsh.

Lake Island, July 29, 1927, wooded bank. La Tabatière, July 21, 1928, in woods that were chiefly coniferous. Recorded by St. John as *Pyrus americana* (Marsh.) DC.

Amelanchier Bartramiana (Tausch.) Roemer.

Magpie, September 1, 1928, rocky bank near mouth of Magpie River. Mutton Bay, July 9, 1927, wooded hollow. Bradore Bay, June 30, 1927, wooded thicket on granitic rocks near head of bay. Blanc Sablon, July 11, 1928, hollow in tundra near lake. In 1928 first found in bloom at Coacocho on June 19.

Amelanchier sp.

A small collection from Manowin Island, Seven Islands, September 12, 1928, border of thicket at top of raised boulder beach, is markedly different from *Amelanchier Bartramiana*, as shown by its larger, sub-orbicular leaves, with small, distant, irregular and poorly defined teeth, occurring on the apical half of the margin only, and by the fact that the bark of its twigs is smoother, more glaucous and more translucent, with less conspicuous lenticels. Upon advice of Dr. K. M. Wiegand no attempt is made, pending receipt of additional material, to name this collection specifically.

Fragaria virginiana Duchesne.

Betchewun, June 5, 1927, grassy area near shore.

Fragaria virginiana Duchesne, var. *terræ-novæ* (Rydb.) Fernald & Wiegand.

Natashquan, June 27, 1928, sandy turf. Anse des Dunes, June 28, 1927, sandy bank of brook.

Potentilla norvegica L.

Kegaska, August 14, 1928, dry turf on Green Island. Recorded by St. John as *Potentilla monspeliensis* L., var. *norvegica* (L.) Rydb.

Potentilla norvegica L., var. *hirsuta* (Mx.) Lehm.

Matamek River (mouth of), September 5, 1928, sand beach. Yankee Harbour, July 28, 1927, turf hollow. Pointe au Maurier, July

- 13, 1927, on small island. Recorded by St. John as *Potentilla monspeliensis* L.
- *Potentilla maculata* Pourr.
Greenly Island, June 29, 1927, turf near dwellings, and July 12, 1928, grassy turf and mossy slope. This plant is well distributed on Greenly Island, especially on the northern half of the island. Not observed elsewhere.
- Potentilla pectinata* Raf.
Havre St. Pierre, August 28, 1928, dry limestone ledge beside shore.
- Potentilla palustris* (L.) Scop.
Lake Island, July 29, 1927, damp ground near shore. La Tabatière, July 21, 1928, damp, open ground near shore.
- Potentilla palustris* (L.) Scop., var. *parvifolia* (Raf.) Fernald & Long.
Wapitagan Island, August 6, 1928, in 4 inches of water in a pool near shore.
- Potentilla fruticosa* L.
Ste. Genevieve Island, August 23, 1928, damp hollow near shore. Blanc Sablon, August 26, 1927, wooded hollow beside falls of Blanc Sablon River, west side of river.
- Potentilla tridentata* Sol. apud Ait.
Lake Island, July 18, 1927, rocky top of cliff. Mutton Bay, July 9, 1927, rocky gravel crest. La Tabatière, July 7, 1927, gravelly hillside.
- Potentilla Anserina* L.
St. Mary Islands, July 22, 1927, top of beach on middle island.
- Potentilla Anserina* L., var. *sericea* Hayne.
Ste. Genevieve Island, August 23, 1928, top of limestone shingle beach.
- Potentilla pacifica* Howell.
La Tabatière, July 7, 1927, gravel at top of beach, and July 21, 1928, upper part of gravel beach. Bradore Bay, July 13, 1928, loose sand near shore.
- Geum macrophyllum* Willd.
Kegaska, August 10, 1929, turfy slope of Green Island. Blanc Sablon, July 11, 1928, wet slope of steep bank, east side of river.
- Geum rivale* L.
Kegaska, August 14, 1928, and August 10, 1929, turfy slope of Green Island. La Tabatière, July 21, 1928, turf near shore. Blanc Sablon, July 10, 1928, bushy hillside, west side of river.
- Dryas integrifolia* M. Vahl.
Ste. Genevieve Island, June 5, 1928, limestone shingle near beach.
- *Dryas Drummondii* Richards.
Quarry Island, September 5, 1929, raised beach of limestone gravel.
- Rubus idæus* L., var. *canadensis* Richards.
Wolf Bay, July 31, 1927, foot of bank on the island called "The Black Land".
- Rubus Chamæmorus* L.
Wapitagan, June 17, 1927, shallow, damp turf. Harrington Harbour, June 20, 1927, damp, turfy slopes. Bradore Bay, June 30, 1927, bushy sphagnum bog near head of bay.
- Rubus arcticus* L.
Kegaska River, June 24, 1928, turfy slope of small island near mouth of river.
- Rubus acaulis* Michx.
St. Augustin, June 22, 1927, granitic outer island in the group called St. Augustin Square. Dukes Island, July 7, 1928, deep moss on upper part of sandy beach. Bradore Bay, June 28, 1927, damp turf on calcareous sandstone. Recorded by St. John as *R. arcticus* L., var. *grandiflorus* Ledeb.
- Rubus pubescens* Raf.
Lake Island, July 18, 1927, border of woods on tundra. Boat Islands, July 26, 1927, damp valley. Net Island, July 4, 1927, upper slopes of precipitous southern face of island, at an elevation of about 250 feet.
- Alchemilla vulgaris* L., var. *filicaulis* (Buser) Fernald & Wiegand.
Blanc Sablon, July 10, 1928, bushy hillside, west side of river.
- Sanguisorba canadensis* L., var. *latifolia* Hook.
Kegaska River, August 3, 1927, sandy bank.
- *Rosa nitida* Willd.
Havre St. Pierre, September 11, 1929, border of field. Possibly introduced from the Magdalen Islands, whence the founders of Havre St. Pierre came. The old man who showed it to me, however, insisted that it was native where found, and said that he knew of another patch of it on Eskimo Island, near Havre St. Pierre.
- Prunus pennsylvanica* L.,
Seven Islands, September 12, 1928, forming thicket on raised boulder beach at foot of hill on Manowin Island. Betchewun, August 26, 1928, open woods.

(To be continued)

FIFTY-THIRD ANNUAL REPORT OF THE COUNCIL OF THE OTTAWA FIELD-NATURALISTS' CLUB

Annual Meeting, Thursday, December 10th, 1931, at the National Museum of Canada

1. MEETINGS.—During the past year four meetings of the Council were held, at the residences of Dr. R. E. DeLury, Mr. P. A. Taverner, Mr. Hoyes Lloyd, and Dr. Harrison F. Lewis, with an average attendance of 13 members.

2. EXCURSIONS.—The usual four excursions were held, as follows:

On May 2nd, in the vicinity of Lemieux Island, along the south shore of the Ottawa River Subject, Geology. Leader, Dr. F. J. Alcock.

On May 9th, at Rockcliffe Park, in the vicinity of McKay Lake. Subject, Amphibians and other Natural History. Leaders: Dr. R. M. Anderson, Mr. G. F. Miller, Mr. Herbert Groh and Mr. Robert Lockwood.

On May 16th, at Fairy Lake, Quebec. Subject, Birds and other Natural History. Leaders: Mr. Hoyes Lloyd, Dr. R. E. DeLury, Mr. G. A. Miller, Dr. R. M. Anderson Mr. Herbert Groh, Mr. C. E. Johnson and Mr. A. G. Kingston.

On May 30th, at Britannia-on-the-Bay. Subject, Botany and other Natural History. Leaders: Mr. Herbert Groh, Mr. G. A. Miller, Dr. R. M. Anderson, Miss M. E. Cowan, Mr. Robert Lockwood and Mr. A. G. Kingston.

The average attendance was about 60.

3. PUBLICATIONS COMMITTEE.—Mr. Hoyes Lloyd, Chairman, submits the following report "*The Canadian Field-Naturalist* has been issued on time and has contained a wealth of material of interest to naturalists in many branches of science. Our publishers and the editors are congratulated on the completion of this important volume. Those who are completing sets are advised to speed up their activities, as many numbers are becoming increasingly difficult to supply. Good runs are available for many periods of the Club's existence, and we may have just the numbers needed."

4. BIRD CENSUS.—The annual Christmas Bird Census of the Ottawa area was taken on December 21st, 1930, by twenty observers, following nine established routes Dr. R. E. DeLury, Chairman of the Census Committee, gives the total number

of individual birds as over 2,600, and the total of species as 31.

5. LEGACIES AND GIFTS.—The Council acknowledges with deep gratitude the bequest of Five Hundred Dollars made to the Club by the will of the late Mr. J. H. Emerton, of Boston, Mass., U.S.A., for many years a member of the Club. The Council also wishes to express its thankful appreciation of the generosity of Mrs. H. M. Ami in donating to the Club lantern slides, documents relating to the early history of the Club, back numbers of *The Canadian Field-Naturalist*, and a Natural History scrap-book covering the years 1899, 1900 and 1901, which had been the property of her late husband Dr. Ami, for many years a distinguished member and a Past President of the Club. These are all very valuable additions to the assets of the Club.

6. PATRON.—His Excellency, the Earl of Bessborough, Governor-General, following the example of his predecessors, has been graciously pleased to accept the office of Patron of the Club.

7. BRITISH COLUMBIA BIRD AND MAMMAL SOCIETY.—This recently-formed Society has selected *The Canadian Field-Naturalist* as its official organ.

8. ROYAL SOCIETY OF CANADA.—Dr. E. M. Kindle attended the annual meeting of the Royal Society of Canada, which was held at Toronto in May, 1931, as the representative of the Club.

9. GOOD AND WELFARE.—In retiring from office your Council feel that, in view of the acute financial depression which has been affecting all spheres of activity, the Club's record of the past year has been a creditable one. There is, however, much room for expansion in membership and activities, and the Council calls on all members to do their utmost in advancing the interest of the Club during the coming year. To the incoming executive and Council we wish every success on the Club's entering on the fifty-fourth year of its existence

HARRISON F. LEWIS, *President*.

GORDON S. POSTLETHWAITE, *Secretary*.



Lewis, Harrison F. 1932. "An Annotated List of Vascular Plants Collected on the North Shore of the Gulf of St. Lawrence, 1927-1930." *The Canadian field-naturalist* 46(1), 12-19. <https://doi.org/10.5962/p.339324>.

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