

PLANT SPECIES DISTRIBUTIONS ON ISLANDS IN MACHIAS BAY, MAINE

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Species presence data were obtained from surveys conducted during 1979-80 and 1982-84. By the end of the last survey period each island had been visited at least twice a month during May through October. The list which follows is a cumulative record of the species found. Nomenclature follows Gray's Manual of Botany, 8th edition.

Forested islands: YH = Yellow Head; ND = North Double Head Shot; SD = South Double Head Shot; CH = Chance.

Meadow islands: OM = Old Man; RA = Ram; NS = North Scabby; SS = South Scabby; FO = Foster; NL = North Libby; SL = South Libby.

"X" indicates species presence; "--" indicates species absence.

SPECIES	ISLANDS										
	YH	ND	SD	CH	OM	RA	NS	SS	FO	NL	SL
ACERACEAE											
<i>Acer rubrum</i> L.	-	-	-	X	-	-	-	-	-	-	X
<i>Acer spicatum</i> Lam.	-	X	X	-	-	-	-	-	-	-	-
BALSAMINACEAE											
<i>Impatiens capensis</i> Meerb.	-	-	X	X	-	-	-	-	-	-	-
BORAGINACEAE											
<i>Mertensia maritima</i> (L.) S.F. Gray	-	-	-	X	-	X	X	X	X	-	X
CAMPANULACEAE											
<i>Campanula rotundifolia</i> L.	-	X	X	-	-	X	X	X	-	X	X
CAPRIFOLIACEAE											
<i>Lonicera villosa</i> (Michx.) R. & S.	-	-	-	X	-	-	-	-	-	-	-
var. <i>calvescens</i> (Fern. & Weig.) Fern.	-	-	-	X	-	-	-	-	-	-	-
<i>Sambucus pubens</i> Michx.	-	-	-	-	-	-	-	-	-	-	-
<i>Viburnum cassinoides</i> L.	-	-	-	-	-	-	-	-	-	X	-
<i>Viburnum Opulus</i> L.	-	-	-	-	-	-	-	-	-	X	-
CARYOPHYLLACEAE											
<i>Arenaria lateriflora</i> L.	-	X	X	X	-	X	X	X	X	X	X
<i>Arenaria peploides</i> L.	-	-	-	X	-	-	-	-	X	X	X
var. <i>robusta</i> Fern.	-	-	-	X	-	-	-	-	X	X	X
<i>Cerastium vulgatum</i> L.	-	X	X	X	X	X	X	X	X	X	X
<i>Sagina nodosa</i> (L.) Fenzl	-	X	-	-	-	-	X	-	X	X	X
ssp. <i>borealis</i> Crow	X	-	-	-	-	X	X	-	-	X	X
ssp. <i>nodosa</i> Crow	-	-	-	-	-	X	X	-	-	X	X

	YH	ND	SD	CH	OM	RA	NS	SS	FO	NL	SL
CRASSULACEAE											
<u>Sedum Rosea</u> (L.) Scop.	-	X	X	-	X	X	X	X	X	X	X
CRUCIFERAE											
<u>Cakile edentula</u> (Bigel.) Hook.	-	-	-	X	-	X	-	-	-	-	X
<u>Capsella Bursa-pastoris</u> (L.) Medic.	-	-	-	-	-	-	X	X	X	X	X
<u>Raphanus Raphanistrum</u> L.	-	-	X	-	-	-	-	-	-	-	-
DROSERACEAE											
<u>Drosera rotundifolia</u> L.	-	-	-	X	-	-	-	-	-	X	-
EMPETRACEAE											
<u>Empetrum nigrum</u> L.	X	X	X	X	-	X	X	X	-	X	X
ERICACEAE											
<u>Chamadeaphne calyculata</u> (L.) Moench	-	-	-	X	-	-	-	-	-	X	-
<u>Kalmia angustifolia</u> L.	-	-	-	-	-	-	-	-	-	X	X
<u>Ledum groenlandicum</u> Oeder	-	-	-	-	-	-	X	-	-	X	X
<u>Rhododendron canadense</u> (L.) Torr.	X	X	-	X	-	-	X	-	-	X	X
<u>Vaccinium angustifolium</u> Ait.	X	X	X	X	-	X	X	X	X	X	X
<u>Vaccinium macrocarpon</u> Ait.	X	-	-	-	X	X	-	-	X	X	
<u>Vaccinium Vitis-Idea</u> L. var. <u>minus</u> Lodd.	X	X	-	X	-	X	X	X	X	X	X
GUTTIFERAE											
<u>Hypericum virginicum</u> L.	-	-	-	X	-	-	-	-	-	-	-
IRIDACEAE											
<u>Iris Hookeri</u> Penny	-	X	X	X	-	X	X	X	-	X	X
<u>Iris versicolor</u> L.	-	-	X	-	-	-	-	X	-	X	X
<u>Sisyrinchium montanum</u> Greene var. <u>crebrum</u> Fern.	-	-	-	X	-	-	X	-	-	X	-
LABIATAE											
<u>Galeopsis tetrahit</u> L. var. <u>bifida</u> (Boenn.) Lej. & Court.	-	-	-	X	X	X	-	-	X	-	-
<u>Lycopus uniflorus</u> Michx.	-	-	-	X	-	-	-	-	X	-	-
<u>Scutellaria epilobiifolia</u> A. Hamilton	-	-	-	X	-	X	-	X	X	-	-
LEGUMINOSAE											
<u>Lathyrus japonicus</u> Willd. var. <u>pellitus</u> Fern.	X	X	X	X	X	X	X	X	X	X	X
<u>Lathyrus palustris</u> L. var. <u>macranthus</u> (T.G. White) Fern.	X	-	-	-	-	X	X	-	X	X	X
<u>Trifolium pratense</u> L.	-	-	-	-	-	-	-	-	-	X	X
<u>Trifolium repens</u> L.	-	-	-	-	-	X	X	-	-	X	X
LILIACEAE											
<u>Clintonia borealis</u> (Ait.) Raf. <u>Maianthemum canadense</u> Desf.	-	X	X	-	-	-	-	-	-	-	-
	X	X	X	X	-	X	X	X	X	X	X

Streptopus amplexifolius (L.) DC.
var. americanus Schultes

VH	ND	SD	CH	OM	RA	NS	SS	FO	NL	SL
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X	X	X	-	X	-	-	-	-	-	-
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ONAGRACEAE

Circaeа alpina L.

Epilobium angustifolium L.

Epilobium glandulosum Lehm.

Epilobium leptophyllum Raf.

Oenothera biennis L.

-	-	-	X	-	X	-	-	X	-	-
-	-	X	-	-	-	-	-	-	-	-
-	-	-	X	-	X	-	X	X	X	-
-	-	-	-	-	X	-	-	-	-	-
-	-	-	X	-	-	-	X	X	-	-

OXALIDACEAE

Oxalis europaea Jord.

Oxalis montana Raf.

-	-	-	X	-	-	-	-	-	-	-
X	-	X	X	-	-	-	-	-	-	-

PINACEAE

Abies balsamea (L.) Mill.

Juniperus communis L.

var. depressa Pursh

Juniperus horizontalis Moench

Larix laricina (DuRoi) K. Koch

Picea glauca (Moench) Voss

Picea rubens Sarg.

Pinus strobus L.

X	X	-	X	-	-	-	-	X	-	-
-	-	-	-	-	-	-	-	-	X	-
-	-	-	-	-	-	-	-	-	-	X
-	-	-	X	-	-	-	-	-	X	-
X	X	X	X	-	-	X	-	X	X	-
X	-	-	-	-	-	-	-	-	-	-
X	-	-	-	-	-	-	-	-	X	-

PLANTAGINACEAE

Plantago juncoides Lam.

X	X	X	X	X	X	X	X	X	-	X	X
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POLYGONACEAE

Polygonum allocarpum Blake

Polygonum hydropiperoides Michx.

Polygonum ramosissimum Michx.

f. atlanticum Robins.

Polygonum prolificum (Small) Robins

Polygonum sagittatum L.

Rumex acetosella L.

Rumex cripus L.

Rumex orbiculatus Gray

-	-	X	-	-	X	-	-	X	-	-
-	-	-	-	-	-	-	-	X	-	-
-	-	X	-	-	-	-	-	-	-	-
-	-	-	X	-	-	-	-	-	-	-
X	X	X	X	X	X	X	X	X	X	X
-	X	X	-	X	X	X	X	X	X	X
-	-	X	-	X	-	-	-	X	X	X

PRIMULACEAE

Glaux maritima L.

Lysimachia terrestris (L.) BSP.

Primula laurentiana Fern.

Trientalis borealis Raf.

-	-	-	-	-	-	-	-	X	-	-
-	-	-	X	-	-	-	-	-	-	-
-	-	-	-	-	X	-	-	-	-	X
X	X	X	X	-	-	X	-	X	X	X

RANUNCULACEAE

Coptis groenlandica (Oeder) Fern.

Ranunculus acris L.

-	-	-	X	-	-	-	-	-	-	-
-	-	-	-	-	X	-	X	X	X	X

Thalictrum polygamum Muhl.

var. intermedium Boivin

-	-	-	-	X	-	-	-	X	X
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YH	ND	SD	CH	OM	RA	NS	SS	FO	NL	SL
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ROSACEAE

<u>Amelanchier candensis</u> (L.) Medic.	X	-	-	-	-	-	-	-	-	-
<u>Fragaria virginiana</u> Duchesne	-	-	-	X	-	-	-	-	X	-
<u>Potentilla anserina</u> L.	-	-	-	-	-	X	X	X	X	-
<u>Potentilla norvegica</u> L.	-	X	-	-	X	-	-	-	-	-
<u>Potentilla simplex</u> Michx.	-	-	-	-	-	-	-	-	-	-
var. <u>calvescens</u> Fern.	-	-	-	-	-	-	-	-	-	X
<u>Potentilla tridentata</u> Ait.	-	-	-	X	-	-	-	-	-	X
<u>Pyrus americana</u> (Marsh.) DC.	X	X	X	X	-	X	X	-	X	X
<u>Pyrus arbutifolia</u> (L.) L. f.	-	-	-	-	-	X	-	-	X	X
<u>Pyrus decora</u> (Sarg.) Hyland	X	-	-	-	-	-	-	-	X	-
<u>Rosa virginiana</u> Mill.	-	-	-	-	-	-	-	-	-	X
<u>Rubus allegheniensis</u> Porter	-	-	-	-	-	-	-	-	-	X
<u>Rubus idaeus</u> L.	-	-	-	-	-	-	-	-	-	-
var. <u>canadensis</u> Richards.	X	X	X	X	X	X	X	X	X	X
<u>Spirea latifolia</u> (Ait.) Borkh.	-	-	-	X	-	-	-	X	X	-
<u>Spirea tomentosa</u> L.	-	-	-	X	-	-	-	-	X	X

RUBIACEAE

<u>Galium trifidum</u> L.	-	-	-	X	-	-	-	-	X	X
<u>Houstonia caerulea</u> L.	-	-	-	X	-	-	-	-	-	X

SALICACEAE

<u>Populus tremuloides</u> Michx.	X	-	-	-	-	-	-	-	-	-
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SAXIFRAGACEAE

<u>Ribes hirtellum</u> Michx.	-	X	X	-	X	-	-	-	-	-
<u>Ribes glandulosum</u> Grauer	X	X	X	X	-	-	-	-	-	-

SCROPHULARIACEAE

<u>Euphrasia americana</u> Wettst.	-	-	-	X	-	-	-	-	-	X
<u>Euphrasia Randii</u> Robins.	X	X	X	X	-	-	-	-	-	-
f. <u>albiflora</u> (Fern. & Wieg.) Fern.	-	-	-	-	X	X	-	-	-	-
f. <u>iodantha</u> (Fern. & Wieg.) Fern.	-	X	-	-	-	-	-	-	-	-
<u>Rhinanthus Crista-galli</u> L.	-	X	X	X	-	X	X	X	X	X

UMBELLIFERAE

<u>Carum Carvi</u> L.	-	-	-	-	-	-	-	-	-	X
<u>Coelpleurum lucidum</u> (L.) Fern.	-	X	X	-	X	X	X	X	X	X
<u>Conioselinum chinense</u> (L.) BSP.	-	-	-	-	-	-	-	-	X	X
<u>Ligusticum scoticum</u> L.	-	X	X	-	-	X	-	X	X	X

URTICACEAE

<u>Urtica dioica</u> L.	-	-	-	-	-	X	-	-	-	-
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VIOLACEAE

<u>Viola adunca</u> Sm.	-	X	-	-	-	-	-	-	-	-
<u>Viola pallens</u> (Banks) Brainerd	-	-	-	X	-	X	X	X	X	X
<u>Viola septentrionales</u> Greene	-	X	-	-	-	X	X	-	X	X