

Mosses and liverworts of the Boundary Bay Watershed

List compiled by Anne Murray from personal observations and listed sources. Additions, comments welcome. See www.natureguidesbc.com for contact details.

* Non-native species

Scientific Name

Atrichum selwynii
Aulacomnium androgynum
Brachythecium frigidum
Campylopus atrovirens
Campylopus introflexus *
Campylopus fragilis *
Ceratodon purpureus
Claopodium crispifolium
Dichondontium pellucidum
Dicranoweisia cirrata
Dicranum polysetum
Dicranum scoparium
Evernia prunastri
Frullania tamarisci ssp. nisquallensis
Homalothecium fulgescens
Hookeria lucens
Hylocomium splendens
Hypnum circinale
Isothecium myosurroides
Isothecium stoloniferum
Kindbergia oregana
Kindbergia praelonga
Lepidozia reptans
Leucolepis acanthoneuron
Neckera douglasii
Orthotrichum lyellii
Physcomitrium immersum
Plagiomnium insigne
Plagiothecium undulatum
Pleurozium schreberi
Polytrichum juniperinum
Polytrichum piliferum
Polytrichum sp.
Polytrichum strictum
Porella navicularis
Pseudotaxiphyllum elegans
Racomitrium canescens
Racomitrium heterostichum
Rhizomnium glabrescens
Rhytidiadelphus loreus

Common Name

Crane's-bill moss
Lover's moss
Golden short-capsuled moss
Black fish hook moss
Heath star moss
Moss sp.
Fire moss, Red roof moss
Rough moss
Wet rock moss
Curly thatch moss
Wavy-leaved moss
Broom moss
Oak moss
Hanging millipede liverwort
Yellow moss
Clear moss
Step moss
Coiled-leaf moss
Cattail moss
Variable moss
Oregon beaked moss
Slender beaked moss
Little hands liverwort
Palm tree moss
Douglas' neckera
Lyell's bristle moss
Moss sp.
Coastal leafy moss
Snake moss, Tongue moss, Wavy-leaved cotton moss
Red-stemmed feathermoss
Juniper haircap moss
Awned haircap moss
Haircap moss
Bog haircap moss
Tree-ruffle liverwort
Small flat moss
Roadside rock moss
Common Rock Moss
Large leafy moss
Lanky moss

<i>Rhytidiadelphus triquetrus</i>	Electrified cat's-tail moss
<i>Sphagnum capillifolium</i>	Common red sphagnum
<i>Sphagnum fuscum</i>	Common brown sphagnum
<i>Sphagnum papillosum</i>	Fat bog moss
<i>Ulota obtusiuscula</i>	Twisted ulota (epiphytic on maple)

Sources:

The list is based on Anne Murray's personal observations together with information from the following sources:

TT Taylor, Terry. 1996. *A Rare Moss in Burns Bog*. Discovery 1996 Vol. 25 No 2

Taylor, Terry. Undated. *Mosses of the Richmond Nature Park*. Pamphlet from Richmond Nature Park.

Lichens of the Boundary Bay Watershed

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Scientific Name

Alectoria sarmentosa or *A. vancouverensis*

Cetraria hypogymnia ?

Cladina portentosa

Cladina rangiferina

Cladonia acuminata

Cladonia bellidiflora

Cladonia carneola

Cladonia cenotea

Cladonia chlorophaea

Cladonia crispata

Cladonia macilenta

Cladonia norvegica

Cladonia pyxidata

Cladonia scabriuscula

Cladonia squamosa

Cladonia transcendens

Cladonia umbricola

Cladonia wainioi

Graphis scripta

Hypogymnia physodes

Lepraria sp.

Parmelia sulcata

Peltigera canina

Peltigera membranacea

Platismatia glauca

Platismatia herrei

Usnea glabrata

Usnea glabrescens

Common Name

Common witch's hair

Pine lichen sp.

Maritime reindeer lichen (Coastal reindeer)

Grey reindeer lichen

Branching pebblehorn

Toy soldiers

Royal pixie-cup

Powdered pixie-funnel

Peppered pixie-cup

Organpipe

Lipstick powderhorn

Least powderhorn

Brown pixie cup

Many-winged clad

Dragon funnel or Dragon's lichen

Magic pebblehorn

Because-it's-there

Reindeer clad

Pencil script

Monk's-hood or hooded bone lichen

Dust lichens

Waxpaper

Dog lichen

Greater dog pelt

Ragbag

Tattered rag

Lustrous beard

Speckled beard

Xanthoria sp.

Orange lichen sp. (on shore pine, hawthorn)

References and sources:

Thanks to Terry Taylor for showing me many interesting lichens in the Boundary Bay Watershed.

Taylor, T. and G. Shaw. 1972. *Common Lichens of the Richmond Nature Park*, 7pp. Richmond Nature Park publication.

DeWynter, Rachel. 2002. Lichens. Douglas College, Institute of Urban Ecology. Pamphlet.

McCune, Bruce and Linda Geiser. 1997. *Macrolichens of the Pacific Northwest*. Oregon State University Press. Cornwallis. 386pp.

An interesting website with information on Coastal First Nations use and names for lichens:

Ethnolichenology of the World <http://web.uvic.ca/~stucraw/lichenindex.html>