

PAC 8822



Province of
British Columbia

Ministry of
Environment,
Lands and Parks
VICTORIA, B.C.

MEMORANDUM

To: Rik Simmons
Resource Officer
Strathcona District

15 August 1997
File: 84220-35/6081

RE: COMOX LAKE BLUFFS ECOLOGICAL RESERVE

FILE COPY

Please share the contents of this note and the attachments with Kris Kennett.

Following up from our joint visit to this ecological reserve on July 28, I attach sketch maps showing the proposed boundary between a park portion and an ecological reserve portion for this area.

During our visit we confirmed that the distinct boundary visible in the field and on air photographs between the closed forest and the more open vegetation on the bluffs is also the logical boundary for the proposed division of this protected area into a park and ecological reserve portion. There are no rare or particularly sensitive species on the forest side of the boundary.


Ideally, there should be a forested buffer included in the ecological reserve portion. However, due to the small size and narrow shape of the total area under BC Parks control, we may not have the "luxury" of including a buffer.

I suggest to draw the dividing line as shown in yellow on the air photo (dotted on the boundary map).

I am also enclosing an updated check list of plants which includes only species found in the proposed ecological reserve portion. (By comparison with the old list it is obvious that the vast majority of plant species occurs on the more open habitats and that including the closed forest portion would not add many species.)

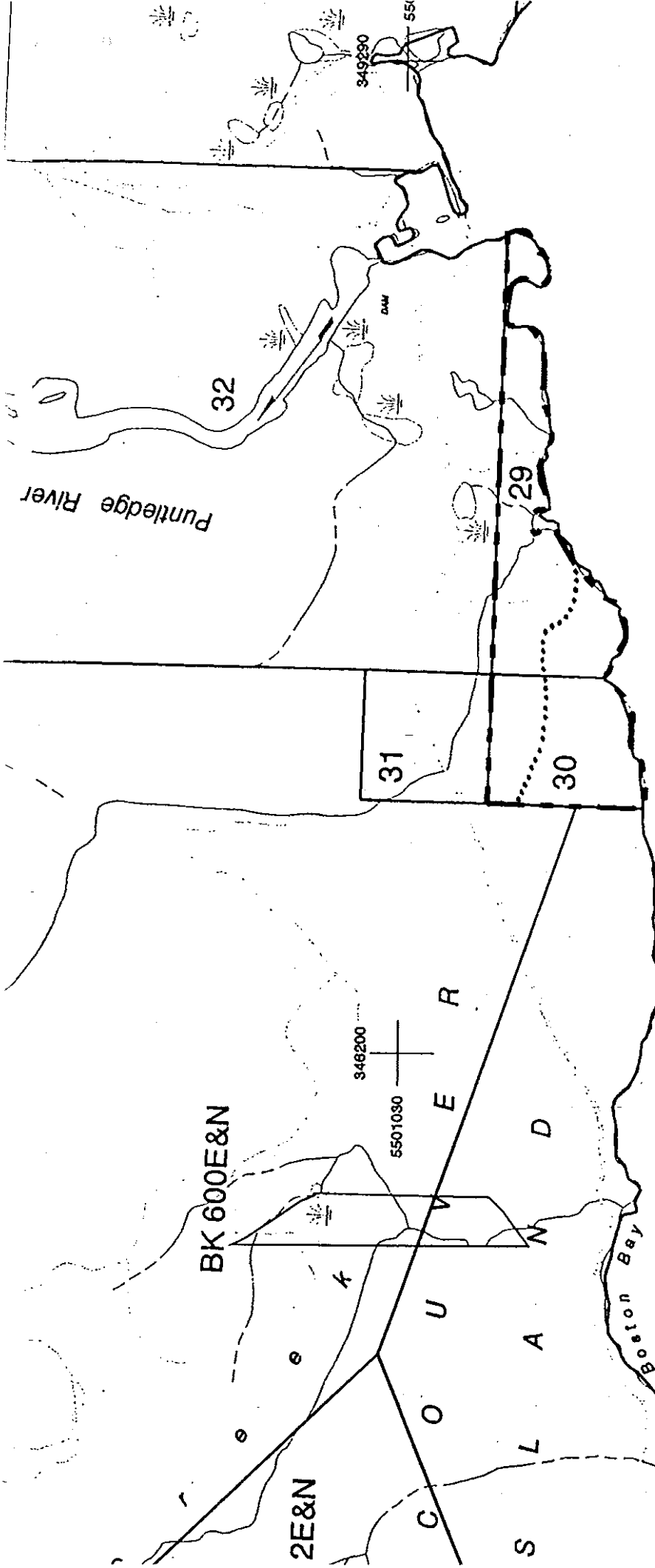
Please ensure that a copy of the species list finds its way to the volunteer wardens, once appointed.

I hope that creating a park portion will enable the district to exert a degree of control over the use of mountain- and trail bikes in this area.


H. Roemer
Vegetation Ecologist

RECEIVED BY
ON AUG 10 1997
B.C. PARKS
STRATHCONA DISTRICT

Attachments



L A K E

NOTE: slightly enlarged
from 1:20,000, to fit on photo



COMOX LAKE BLUFFS ECOLOGIC



4-3



COMOX LAKE BLUFFS ECOLOGICAL RESERVE

Plant Species Checklist

compiled from field notes of 12 May 1994 and 28 July 1997 taken by

H. Roemer, A. Ceska and O. Ceska

(*****: species blue-listed by the BC Conservation Data Centre)

Achillea millefolium (yarrow)
Agrostis pallens (dune bentgrass) *****
Agrostis scabra (hair bentgrass)
Aira caryophylla (silver hairgrass)
Aira praecox (early hairgrass)
Amelanchier alnifolia (saskatoon)
Anaphalis margaritacea (pearly everlasting)
Antennaria racemosa (racemose pussytoes)
Apocynum androsaemifolium (dogbane)
Arbutus menziesii (arbutus)
Arctostaphylos columbiana (manzanita)
Arctostaphylos uva-ursii (bearberry)
Arctostaphylos "media", natural hybrids of the above
Arenaria macrophylla (large-leaved sandwort)
Aspidotis densa (Indian dream fern)
Asplenium trichomanes (maidenhair spleenwort)
Boschniakia hookeri (ground cone)
Botrychium simplex (least moonwort) *****
Brodiaea coronaria (harvest brodiaea)
Bromus mollis (soft brome)
Camassia quamash (early camas)
Campanula scouleri (Scouler's harebell)
Castilleja miniata (red Indian paintbrush)
Cerastium arvense (field chickweed)
Chimaphila umbellata (prince's pine)
Cladina portentosa (Pacific reindeer lichen)
Cladina rangiferina (reindeer lichen)
Cladonia uncinata (... lichen)
Collinsia parviflora (blue-eyed Mary)
Collomia heterophylla (vari-leaved collomia)
Cornus nuttallii (Pacific dogwood)
Cryptogramma crispa (rock brake)
Danthonia californica (California oatgrass)
Danthonia intermedia (timber oatgrass)
Daucus pusillus (dwarf wild carrot)
Dodecatheon pulchellum var. watsonii (pretty shooting star)
Elymus glaucus (western wildrye)

Epilobium sp.
Eriophyllum lanatum (woolly sunflower)
Festuca occidentalis (western fescue)
Fragaria virginiana (blue-green strawberry)
Fragaria vesca (wood strawberry)
Fritillaria lanceolata (chocolate lily)
Gaultheria shallon (salal)
Geranium bicknellii (Bicknell's geranium)
Goodyera oblongifolia (rattlesnake plantain)
Heuchera micrantha (small-flowered alumroot)
Hieracium albiflorum (white hawkbeard)
Holodiscus discolor (ocean spray)
Hypericum scouleri (western St. John's wort) *****
Hypochaeris radicata (cat's ear)
Juniperus communis (common juniper)
Juniperus scopulorum (Rocky Mountain juniper)
Koeleria macrantha (june grass)
Lithophragma parviflora (fringecup)
Lomatium utriculatum (spring gold)
Lonicera ciliosa (orange honeysuckle)
Luina hypoleuca (silverback luina)
Luzula multiflora (many-flowered woodrush)
Madia sp. (a tarweed)
Mahonia aquifolium (tall Oregon grape)
Mahonia nervosa (Oregon grape)
Microsteris gracilis (microsteris)
Mimulus alsinoides (chickweed monkeyflower)
Mimulus guttatus (monkeyflower)
Minuartia tenella (slender sandwort)
Montia fontana (blinks)
Montia parvifolia (small-leaved montia)
Orobanche uniflora (one-flowered broomrape)
Pachystima myrsinites (falsebox)
Panicum occidentale (western witchgrass)
Peltigera britannica (freckle pelt)
Pentagramma triangularis (goldenback fern)
Pinus contorta (shore pine)
Platanthera transversa (slender rein orchid)
Platanthera unalascensis (Alaska rein orchid)
Plectritis brachystemon (small-flowered seablush)
Plectritis congesta (seablush)
Penstemon serrulatus (coast penstemon)
Poa cf. stenantha (a bluegrass)
Polygonum douglasii (Douglas' knotweed)
Polygonum sp. [aff. spergulariaeforme] (knotweed)

Polypodium glycirhiza (licorice fern)
Polystichum imbricans (imbricate swordfern)
Potentilla glandulosa (sticky cinquefoil)
Prunella vulgaris (self-heal)
Prunus emarginata (fire cherry)
Pseudotsuga menziesii (Douglas-fir)
Rhacomitrium canescens (greyish rock moss)
Rosa gymnocarpa (bald-hip rose)
Rubus ursinus (trailing blackberry)
Salix sitchensis (Sitka willow)
Saxifraga ferruginea (Alaska saxifrage)
Saxifraga integrifolia (entire-leaved saxifrage)
Saxifraga rufidula (rusty-haired saxifrage)
Sedum oreganum (Oregon stonecrop)
Selaginella wallacei (Wallace's selaginella)
Senecio macounii (Macoun's groundsel) *****
Silene antirrhina (sleepy catchfly)
Silene gallica (small-flowered catchfly)
Spiranthes romanzoffiana (ladies' tresses)
Stellaria nitens (shining starwort)
Stereocaulon sp. (coral lichen)
Symphoricarpos albus (snowberry)
Symphoricarpos mollis (trailing snowberry)
Trientalis latifolia (star flower)
Trifolium tridentatum (tomcat clover)
Trifolium microcephalum (small-headed clover)
Triteleia hyacinthina (fool's onion)
Vaccinium parvifolium (red huckleberry)
Viola adunca (early blue violet)
Vulpia myuros (rattail fescue)
Vulpia pacifica (small fescue)
Zygadenus venenosus (death camas)