## BIOLOGY 1100

VANCOUVER COMMUNITY COLLEGE

Instructor: Maria Morlin

November 2020– hybrid course

Camosun Bog Field Trip - Virtual Version – presented by Maria and Andrea

If you can at some point in the future, do visit the bog...it's very cool

## Outline

- Assignment to complete
- Camosun Bog field trip by UBC Geography department
- Photographs by Andrea use these photos for your drawings and habitat descriptions.

The assignment involves taking field notes with observations and descriptions, answering a few questions about the bog, drawing and describing four species.

The assignment is also here:

https://mariabiocourses.files.wordpress.com/2020/11/camosun-field-trip-assignment.pdf

Use this virtual trip by UBC as a guide and complete the sections (it's free).

http://fieldpress.ca/fields/camosun-bog-metrovan-public-version/

our full name:		
ate:		
ark name:		
ty Province:		

## Field notes journal

Write the time in the column below approx. every 20 min:	Main goal for trip:
******	Habitat of study:
	Weather:
	Temperature:
	General Description of your area at the start of your note-taking. Describe the terrain and name the dominant plants or other organisms you see. Where are they in relation to each other and you? Approximately how many are there?
	Exact location of the starting point (e.g. trail name):
	Now start to walk along the trail or in the site. As you go, note the time in the column on the left, and write detailed notes of <b>everything</b> below that you see, hear, and do. Describe everything.  Also make at least 1 sketch of an unknown plant – your sketch should be ~1/4 page large and be detailed (height/colour/style of leaf) so you can try to identify the plant later using an identification book

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10

page #\_\_

Your full name: Date:	page #
Park name:	
City, Province:	

Time:	Notes continued:
	2
	-

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	Name:		
Pacific Spiri	t Park: Camosun Bog and Forest		
DUE DATE:	Your score (out of 40):		
take bus #25 or #33 to this spot, or	nosun St, in front of Queen Elizabeth School. You can r take the #99 to Sasamat and walk from there. From our losun Bog; the entrance is near 19th Ave and Camosun		
Part 1: Camosun Bog(16 marks)  1. Describe the role of Sphagnum	moss in the bog ecosystem.		
2. Describe the abiotic factors in a habitat.	bog that make it challenging for plants to live in this		

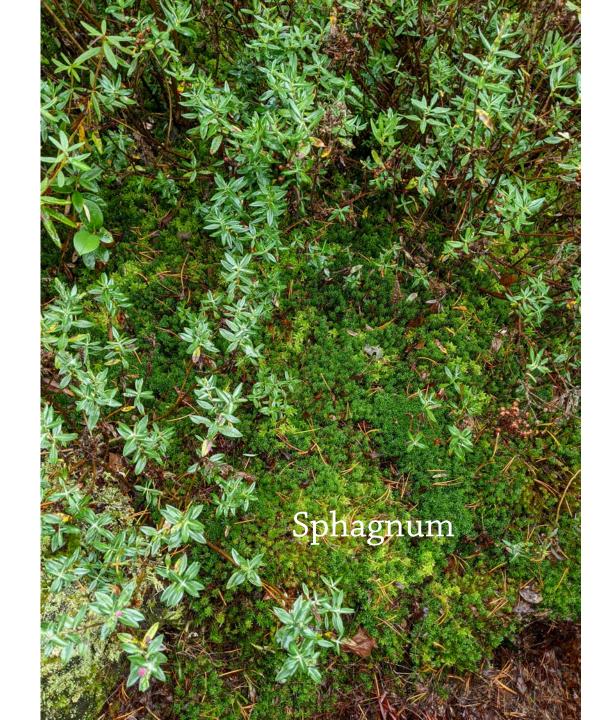
3. Identify 4 species of bog plants and fill out the table for each one. Do not copy your sketches from the informational signs – draw what you can actually see! The plants may look quite different from the signs, depending on the season.

Table 1. Identification and adaptations of plants at Camosun Bog	
a. Common name: Scientific name:	
Adaptations for living in a bog:	
Sketch, with distinguishing features labelled or described:	
	· ·
b. Common name: Scientific name:	-
Adaptations for living in a bog:	,
Sketch, with distinguishing features labelled or described:	

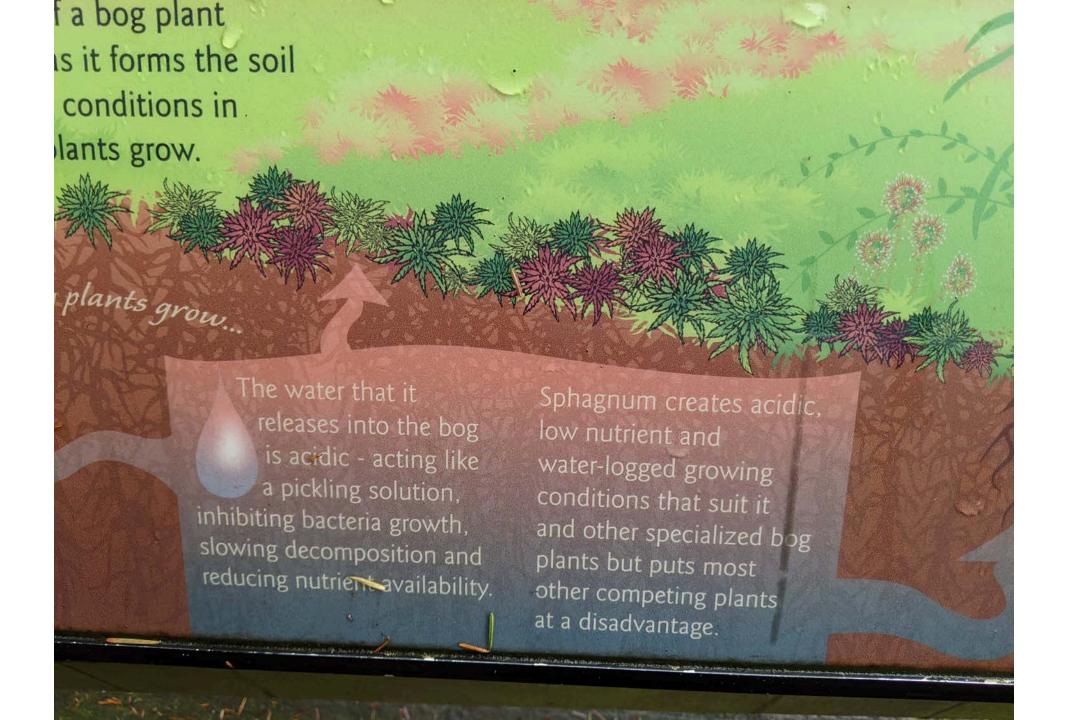
c. Common name: Scientific name:	
Adaptations for living in a bog:	
Sketch, with distinguishing features labelled or described:	
d. Common name: Scientific name:	
Adaptations for living in a bog:	
Sketch, with distinguishing features labelled or described:	

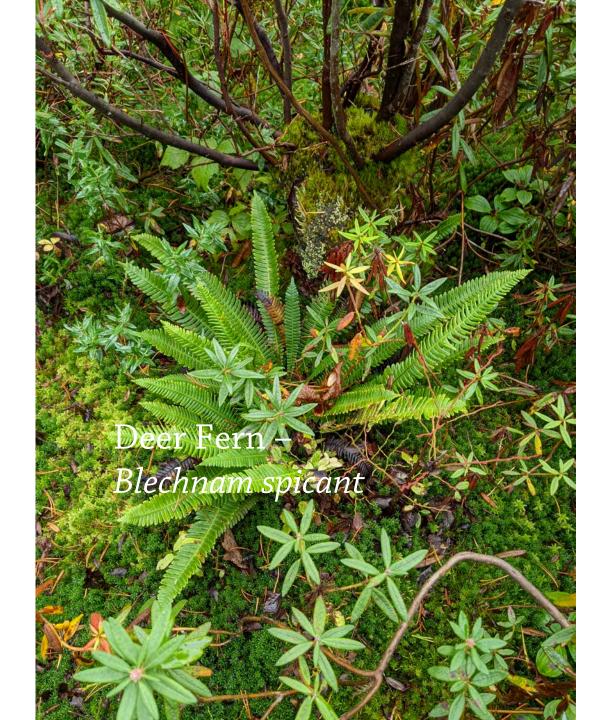
16

Photos by Andrea – Camosun Bog trip October 2020















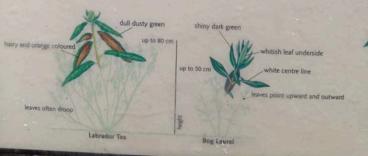




## Bog Laurel - Potent Beau

Kalmia microphylla ssp. occidentalis

Look for a knee-height, scraggly shrub with shiny, dark green leaves about the size your thumb tip. On closer inspection, notice that the leaves grow opposite each other and have a whitish center line. You will likely find it growing next to its cousin, of similar appearance, Labrador tea. Although bog laurel is poisonous, it has antiseptic properties and has been used externally to treat skin ailments.











From: centralcoastbiodiversity.com



