## 

## Technical Workshop, Bowen Biodiversity Plan

Caring for Nature Program, Bowen Conservancy

11:00am—2:15pm, Collins Hall

Saturday, 01 February 2025

## (Facilitators version) WORKSHOP AGENDA

**11:00** Welcome & Land Acknowledgement. (Bob to lead, 10 min)

Workshop intent, agenda, introductions.

(Bob to lead overview of agenda, logistics. Lead very quick self intros, refer to participants bios and photos)

### Foundations

**11:10** Why does Bowen need a biodiversity plan? (Tom, 15 min)

(Motivation for work, then what is biodiv, measure and protect)

A roadmap to guide our work today: (Wendy, aiming for 5 min)

(This will give them the spirit of what we will do today – how we’ve divided the time between sharing information and just enough of the technical details to solicit their informed input and ideas)

* Patterns of biodiversity: species & habitats.
* A first look at biodiversity priorities: overlap with current protections, human disturbance, private lands.
* Future threats to biodiversity.

Q&A (10 min) We may finish this section early which would be great

Science

**11:45** **Introduction to the Data Atlas & Biodiversity Analysis**

Data, Analysis, Interpretation: Roles of Experts & the Public. (Tom, 5 min)

General overview of the approach, touch on iNat(?), value of participatory process. Put up some sideboards (terrestrial only, primarily using existing data because we’re a small group doing this as volunteers, etc.)

Species & Habitat data: Getting a spatial perspective.

Translating Species & Habitats into Priorities: Tools to Integrate Complex Datasets. (Wendy, 20 min)

Building on existing work (MetroVan, SFU research, HFP), show example SDMs, habitat data from SEI and other research efforts

Show conceptual process of combining many layers of info, using systematic cons planning tools.

Limitations of this approach (what’s missing/weak, limits of SDMs, habitat, freshwater)

What layers we include and how we value (weight) is goal of workshop

Q&A (10 min) Will use any extra time to this point in Q&A

Group Work

**12:20 Breakout #1: How you value Species & Habitats**

2 min of instruction from Wendy or Tom

Organizing Questions & Discussion (25 min, discussion, 5 min voting)

Key questions:

What species & habitats do you think are most important to biodiversity? (generate a list of key species and habitats)

Should we value species at risk more than any other of the species included in the analysis?

Freshwater habitats are acting as proxy for obligate species in these habitats, should we value those habitats more?

Facilitator should have folks vote in last 5 min. – 3 stickers to use on flipchart

Report back (10 min, Tom or Wendy to facilitate)

\*This would be a good time to grab food, drinks – as they listen to the next section

**1:00 First Look: Bowen’s Conservation Values** (PRELIMINARY)

Where are the areas of highest conservation value?

Briefly talk about initial model and what it shows. Important this doesn’t become circular (sci integrity, first principles)

How much do they overlap with current protected areas? Private lands? Human disturbance? (Wendy, 10 min total)

Walk through slides (refer to Data Atlas) and present key statistics. This is to illustrate where we are going/what we can do with the analysis that will help structure the biodiversity plan and recommendations.

Q&A (10 min)

**1:20 Breakout #2: Identifying Future Threats to Bowen’s Biodiversity**

2 min of instruction from Wendy or Tom

Organizing Questions & Discussion (25 min, discussion, 5 min voting)

Key questions:

What are the key threats to biodiversity in the future that we want to anticipate in a biodiversity plan?

Get the conversation started around 4 key areas: Development/human pressure, Climate (warmer, drier), Fire risk, Water availability (inter-related)

Facilitator should have folks vote in last 5 min. – 3 stickers to use on flipchart

Report back (10 min, Tom or Wendy to facilitate)

Next Steps

**2:00 Meeting Wrap-up: Steps for Creating a Biodiversity Plan for Bowen Island**

Project Timeline, Opportunities for Future Input & Participation (Tom, 5 min)

Final thoughts (Bob and audience, 10 min)

**2:15 Adjourn**