*Date of study*

May 2019 - September 2022

*Date of Public Archiving:*

June 2023 or September 2024

*Last modified*:

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*Old title to this file:*Coexistence in BC Forests Observational Study

*Goal*

To understand the mechanisms underlying coexistence in BC forest & to predict community assembly based on different climate warming scenarios

*Contributors*

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*General Files*

| **File** | **Where** | **What** |
| --- | --- | --- |
| [notes](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/notes) | [Github](https://github.com/DarwinSodhi/Wine-Grape-Disease/blob/master/Winegrape.txt) | Notes on papers that discuss spectral niche |

*Data and Code*

**Github** <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests>

**Knb**

| **File** | **Where** | **What** |
| --- | --- | --- |
| [Data](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/Data) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | Raw data files for all LiCor readings |
| [Analyses](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/Analyses) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | All analyses that are involved in spectral diversity hypothesis and preliminary plotting |
| cleaning | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Analyses> |  |
| [Light\_Papers](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/Light_Papers) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | Papers that relate to spectral diversity hypothesis |
| [Notes](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/notes) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | Notes on: light, thesis lit search, pathogens on trees, FIA plots, methods and soil search |
| [Experiment](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/tree/master/Experiment) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | All documents pertaining to the growth chamber study |
| [SEEDLINGDATA.xlsx](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/blob/master/Data/Janzen-Connell%20/SEEDLINGDATA.xlsx) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | Seeding data taken from mount harvey in Smithers |
| [FIELDDATA.xlsx](https://github.com/DarwinSodhi/Coexistence-in-BC-Forests/blob/master/Data/Janzen-Connell%20/FIELDDATA.xlsx) | Github repo: <https://github.com/DarwinSodhi/Coexistence-in-BC-Forests> | Demographic data for smithers sites from mount harvey in Smithers |
| Percentcover2021.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Percent cover data collected in 2021 |
| Percentcover2022.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Percent cover data collected in 2022 |
| Percentcover2023.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Percent cover data collected in 2023 |
| SeedlingDATA2021.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Seedling demographic and height data collected in 2021 |
| SeedlingData2022.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Seedling demographic and height data collected in 2022 |
| SeedlingData2023.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Seedling demographic and height data collected in 2023 |
| SeedlingDATA2021-2023.xlsx | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Data/Janzen-Connell%20> | Combined data file of seedling demographic and height data collected from 2021-2023 |
| Smithers\_2021\_Dailylog.pdf | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Docs/Field-Work-Smithers> | Fieldwork daily log from 2021 |
| Smithers\_2022\_Dailylog.pdf | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Docs/Field-Work-Smithers> | Fieldwork daily log from 2022 |
| Smithers\_2023\_Dailylog.pdf | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Docs/Field-Work-Smithers> | Fieldwork daily log from 2023 |
| dataCleaingDemography.R | Github repo:  <https://github.com/lizzieinvancouver/Coexistence-in-BC-Forests/tree/master/Analyses> | Cleaning seedling demography data from 2021-2023 for preliminary plotting |