***Exploring how climate will impact plant-insect distributions***

***and interactions using open data and informatics***

**SP-3: Future Species Distribution Models and Hypothesis Evaluation**

**- Assignment -**

**Instructions**: Use the headings and prompts below to prepare the Student Product 3 assignment. Make sure that all maps are accompanied by an informative figure legend.

**I. Butterfly Forecast Model**: *(species name)*

*insert image with figure legend*

Evaluation of the forecast model compared to present-day model:

**II. Host Plant Forecast Model**: *(species name)*

*insert image with figure legend*

Evaluation of the forecast model compared to present-day model:

**III. Model Comparison of Forecast Distribution Overlap**: *(species name)*

*insert image with figure legend*

Evaluation of the forecast model compared to present-day model:

**IV. Hypothesis for effects of climate change on this plant-insect interaction.**

Restate hypothesis (with any modifications) and in a separate paragraph provide a brief explanation of your changes.

**V. Evaluation of Climate Change Hypothesis**

*Evaluation of the hypothesis:*