

Section: _____

Learning Quest

1. Complete the Learning Quest called **Seeing the Forest and the Trees**.
2. Based on the Learning Quest, write down two of the most important reasons that plants and trees are important for the forest.
 - Scientists often describe plants and trees as **“habitat”** for other organisms. What does habitat mean?

- Scientists often group the forest plants based on what layer they grow in. What are the **three layers** you are likely to see in a forest?

1. _____
2. _____
3. _____

You are responsible for collecting data on **populations of plants and trees**. Collect the population data for the plant species in EcoMUVE: Acorns, Trillium, Shrubs, and Woodfern for each of the dates from 1975 to 2020.

[illegible][illegible]

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Botanist Guide Sheet

Shrubs

	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020
Dover										
Willis										

Woodfern

	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020
Dover										
Willis										

Observations and Notes

- Observe** how the forest plants look over time. Walk around Dover Island in 1975, and again in 2020. Write down any differences you notice.
- Use the **data view** graphs to look at each of the plant and tree species you collected. Describe in words how each species changes over time.

Trillium:

Woodfern:

Shrubs:

Acorns:

C. Write down any ideas about why the plant and tree species might have changed. (Hint: Read the field guide pages for each species to learn more about them).

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Collaboration

- [illegible]