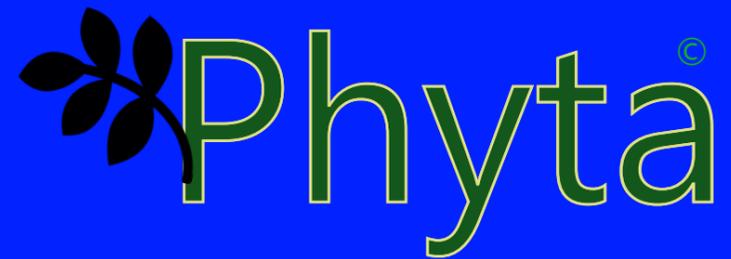


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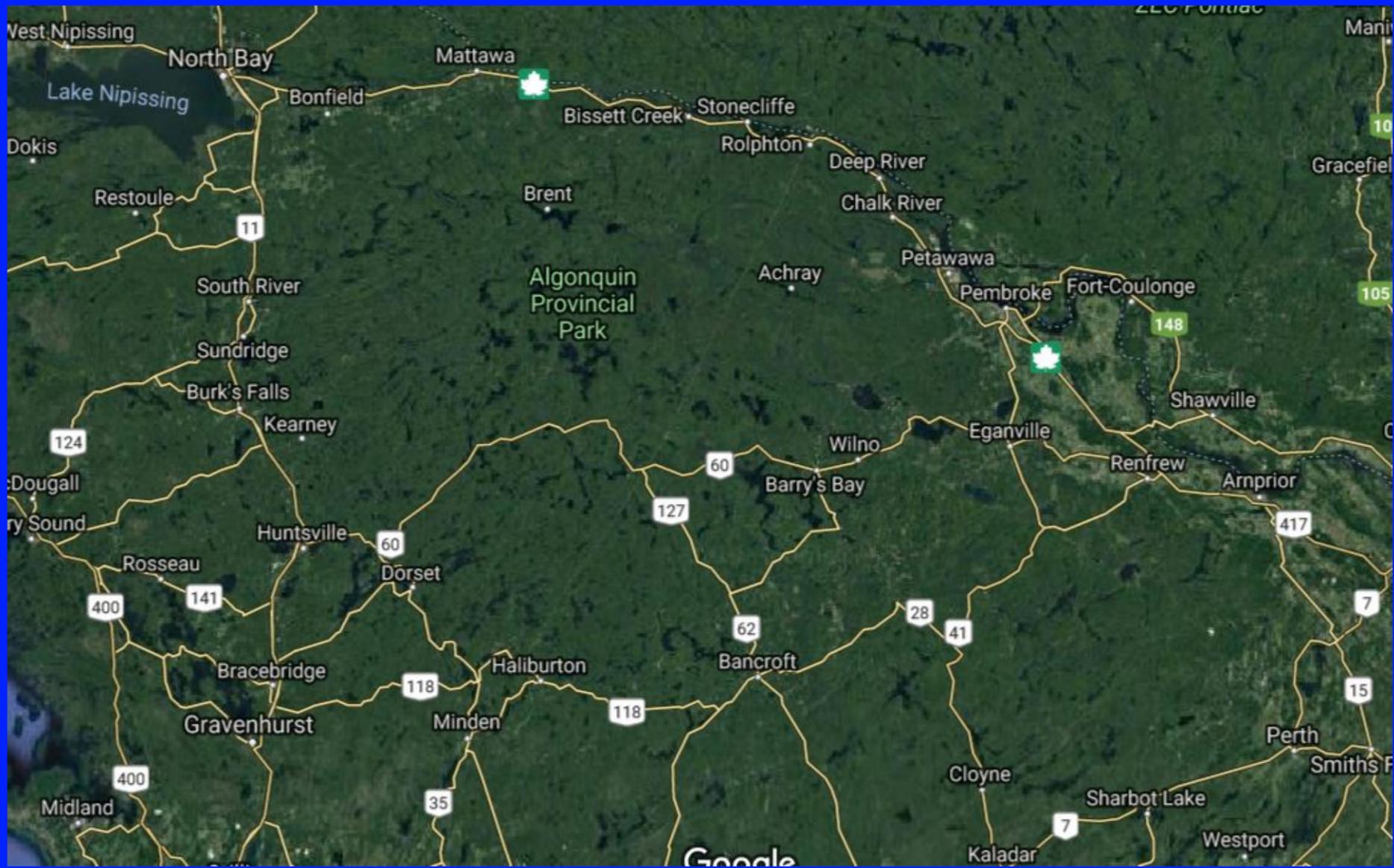
State/ Province:

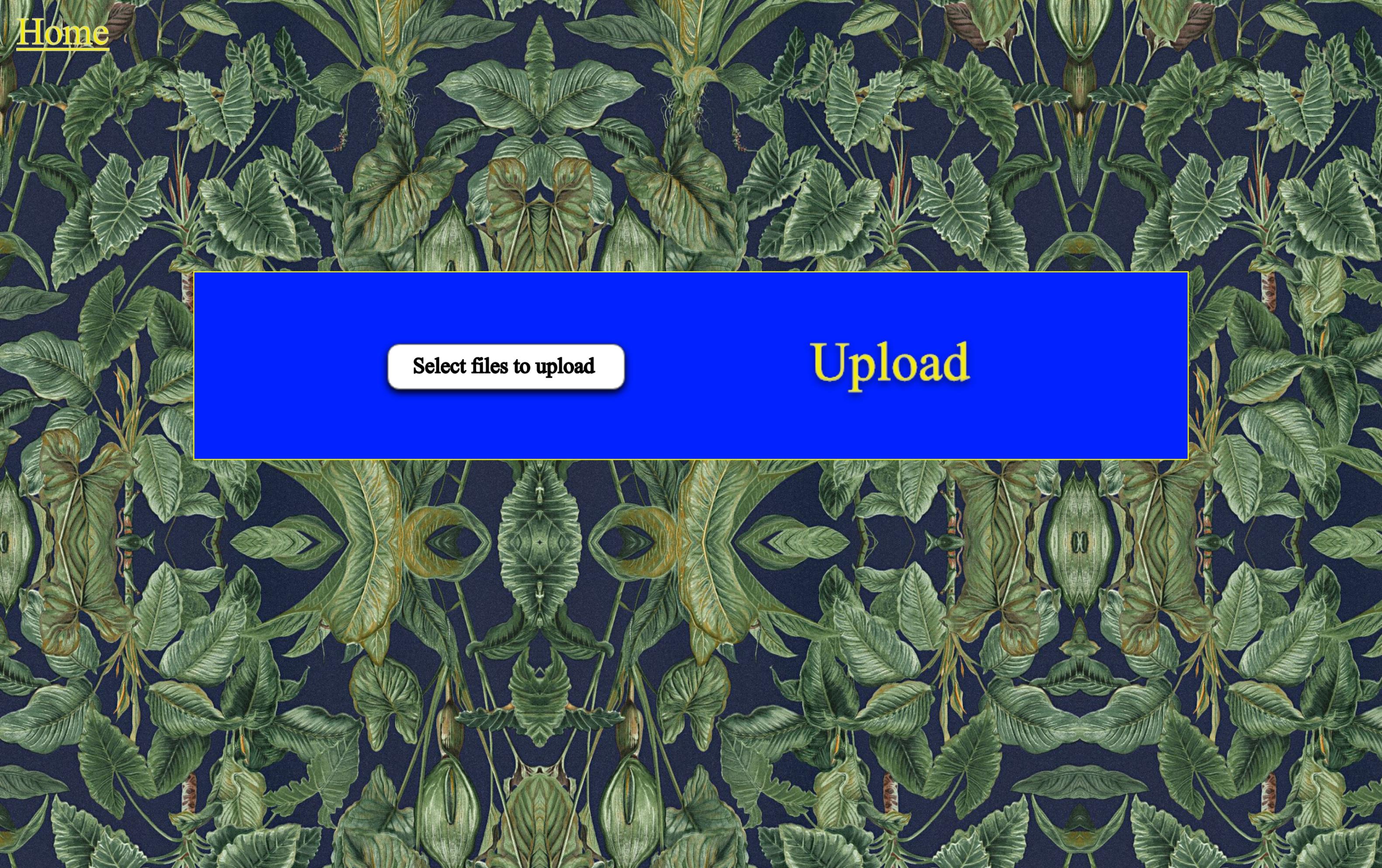
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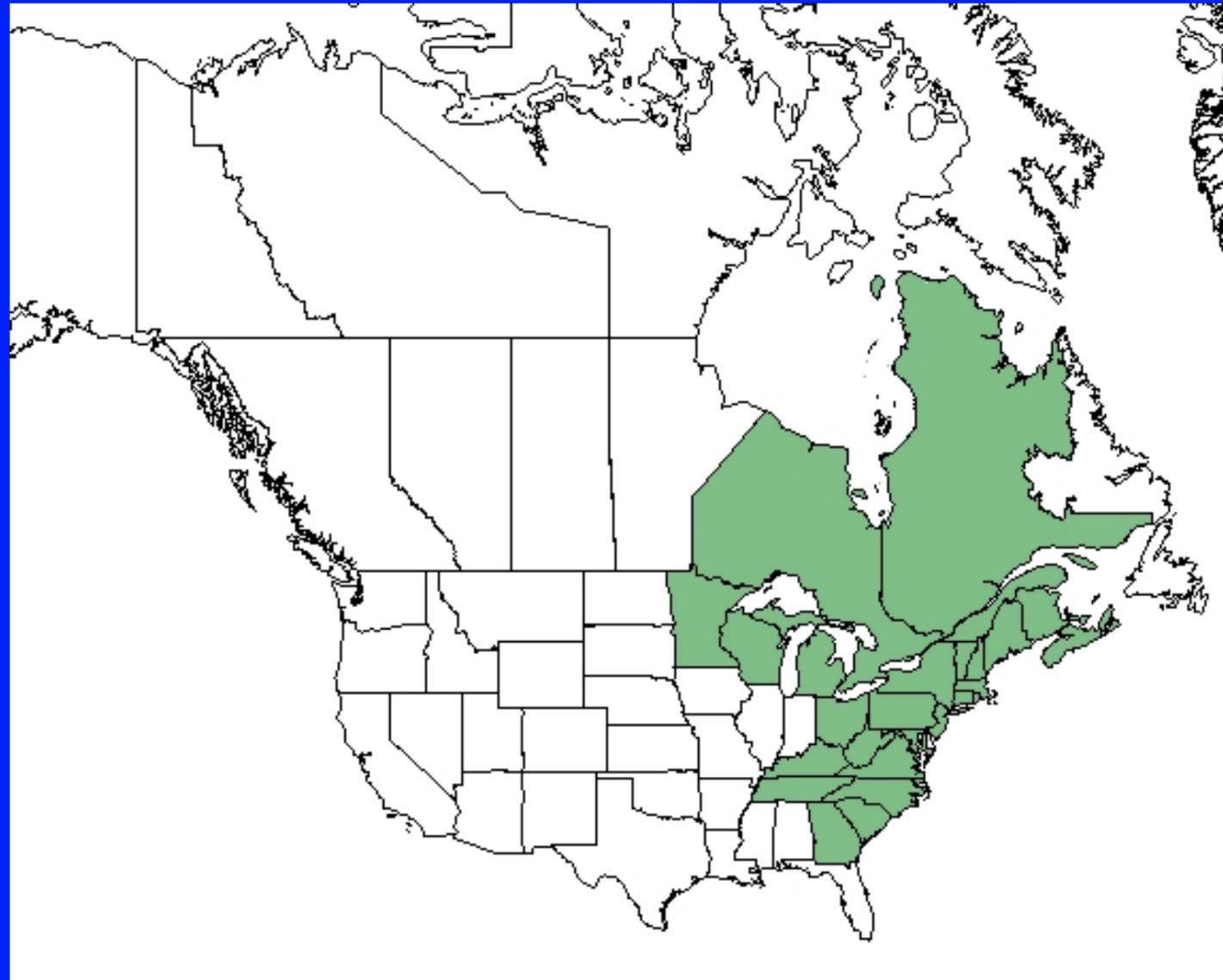
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Enter Plant Species Name  
or Scientific Name

Showing results for:  
Norway Maple Tree



# Phyta

**Phyta is a hand-held smart device primarily used for analysing four helpful properties of plant parts:**

- **Digestibility -- cellulose, fiber and structural make up**
- **Toxicity -- chemical makeup**
- **Nutrition – Nutrient density**
- **Tactile Danger – safe to touch or not**

**These properties are displayed in a binary fashion using two LEDs – one for “yes” and one for “no”. For example, if the plant is digestible a green LED will light up beside the digestible label, and it will light red if the converse is true.**

**This process of identifying properties is mapped to each unique section of the plant; in total there are seven sections available to reference. They include:**

- **Fruit**
- **Flower**
- **Leaf**
- **Root**
- **Stem**
- **Seed**

**Phyta is intended as an educational tool, foraging device, community building and documentation tool. It can be used to forage wild plants for cooking, making tea, or eating outright. Learning about plants with Phyta is engaging and simple. Its interface is fun and easy. It’s ideal for kids or recreational nature goers to learn to identify what plants they can eat and their corresponding names. Finally Phyta is a documentation tool. Its data can be used to learn and map plant species across regions to give a clear picture of population size and density variations over time.**