

fuelinex draft manuscript

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Abstract

1 Introduction

2 Materials and Methods

2.1 Species selection

Acma, Alru, Bepa, Prvi, Quma were purchased from Peel's nursery and arrived on *** at Totem Field Studios (***coordinates). Alru is a fast growing species and they already arrived taller than the other species. We decided to cut a segment from the saplings and plant them in bare soil. See below for more info. Acne, Pist, Poba, Segi were species that were purchased in 2022 for 2023 Phaenoflex's experiment. At the time, these species were not used because:

- Acne: root system very small (they came in carrots compared to other trees that came in pots)
- Pist: smaller than other species
- Poba: after they flushed, then they were repotted and lost their leaves.
- Segi: smaller than other species

Notes from Justin: Assuming that all the information prior to planting is already noted down (e.g. what temperature the cuttings were stored at etc.) 30 cm long shoot tip cuttings of both red alder and balsam poplar were soaked at the cut wound for 15 minutes in a solution of 20 mL indole-butyric acid 0.4% (Wilson Liquid root stimulator) diluted in 2 litres of warm tap water. (0.004

23 **2.2 Tree measurements**

24 **2.3 Experimental Design**

25 **2.4 Statistical Analysis**

26 If applicable, include a section titled Statistical Analysis that fully describes the statistical methods
27 with enough detail to enable a knowledgeable reader with access to the original data to verify the
28 results. The values for N, P, and the specific statistical test performed for each experiment should
29 be included in the appropriate figure legend or main text. 'sectionResults

30 **3 Discussion**