



How to Reforest an Oldfield

An experimental approach to land restoration at Crossroads

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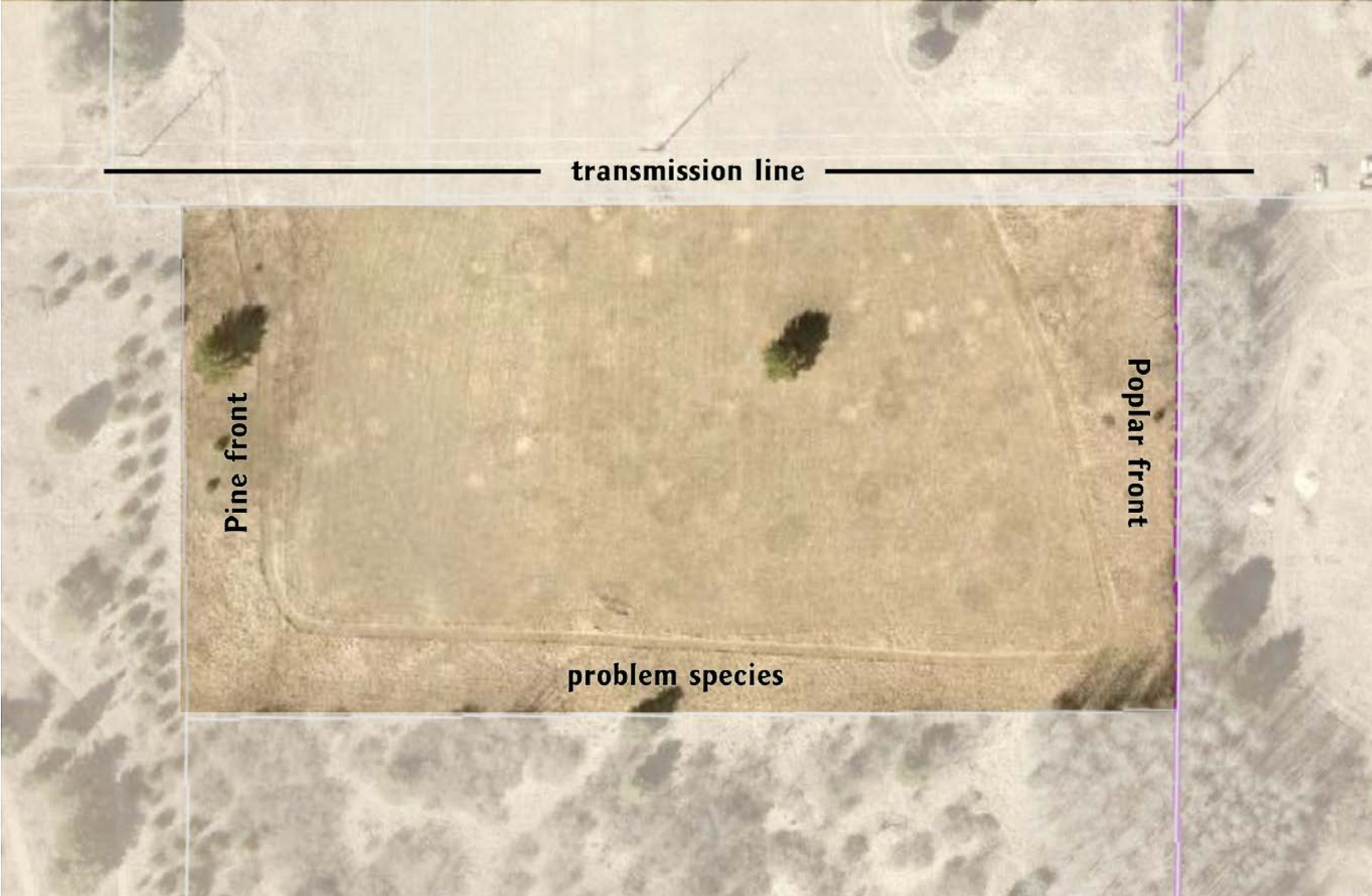






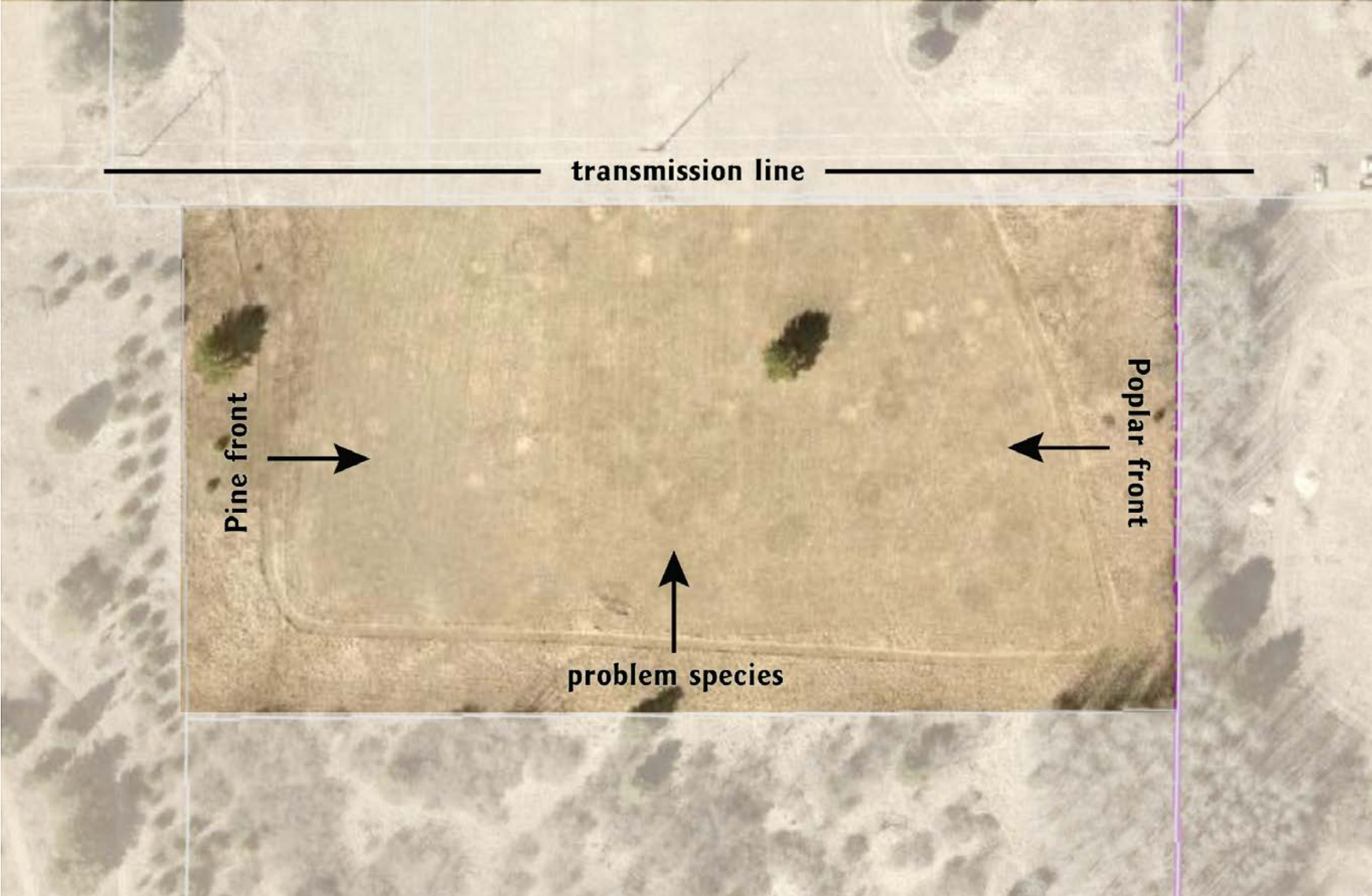











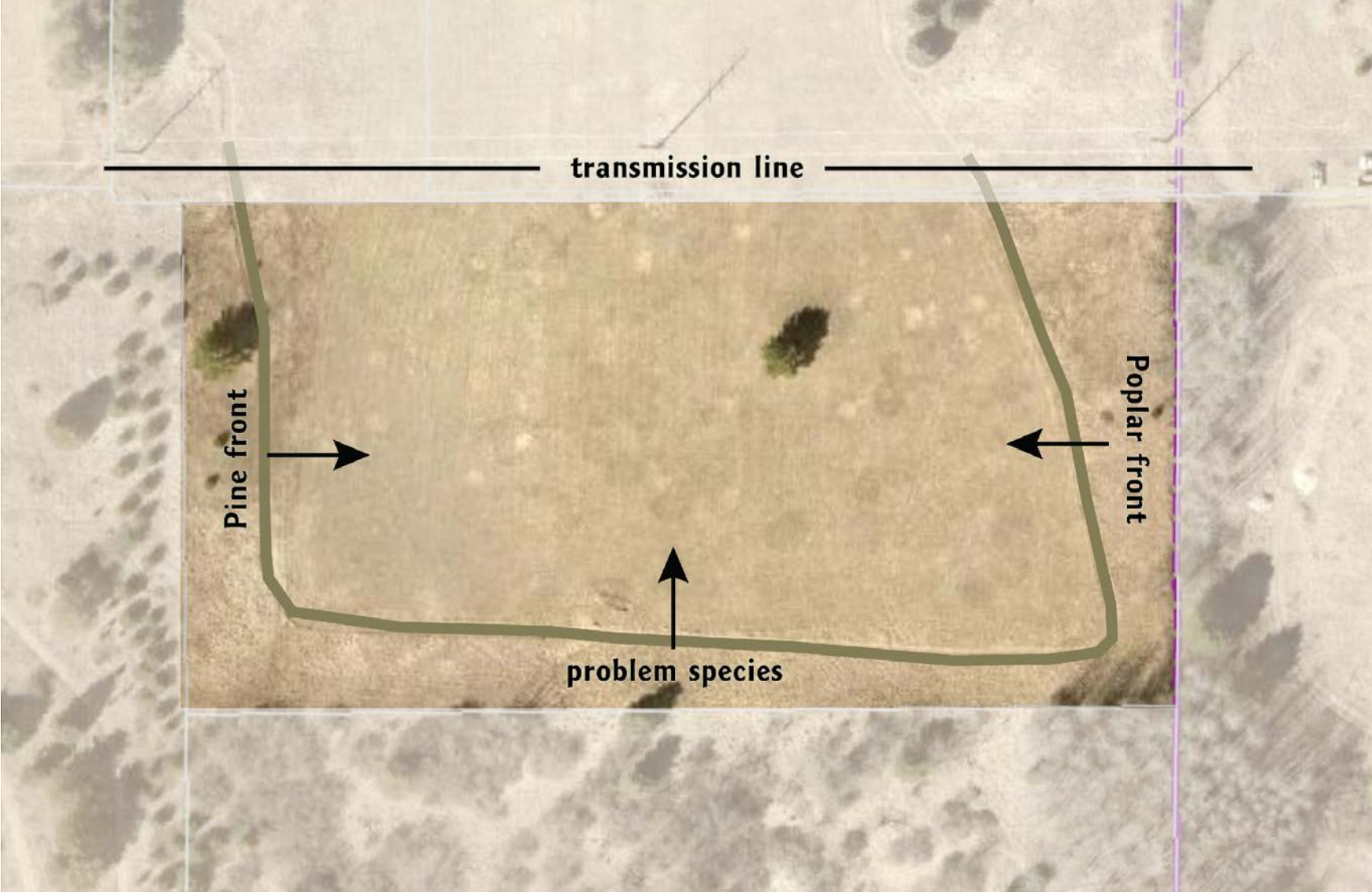


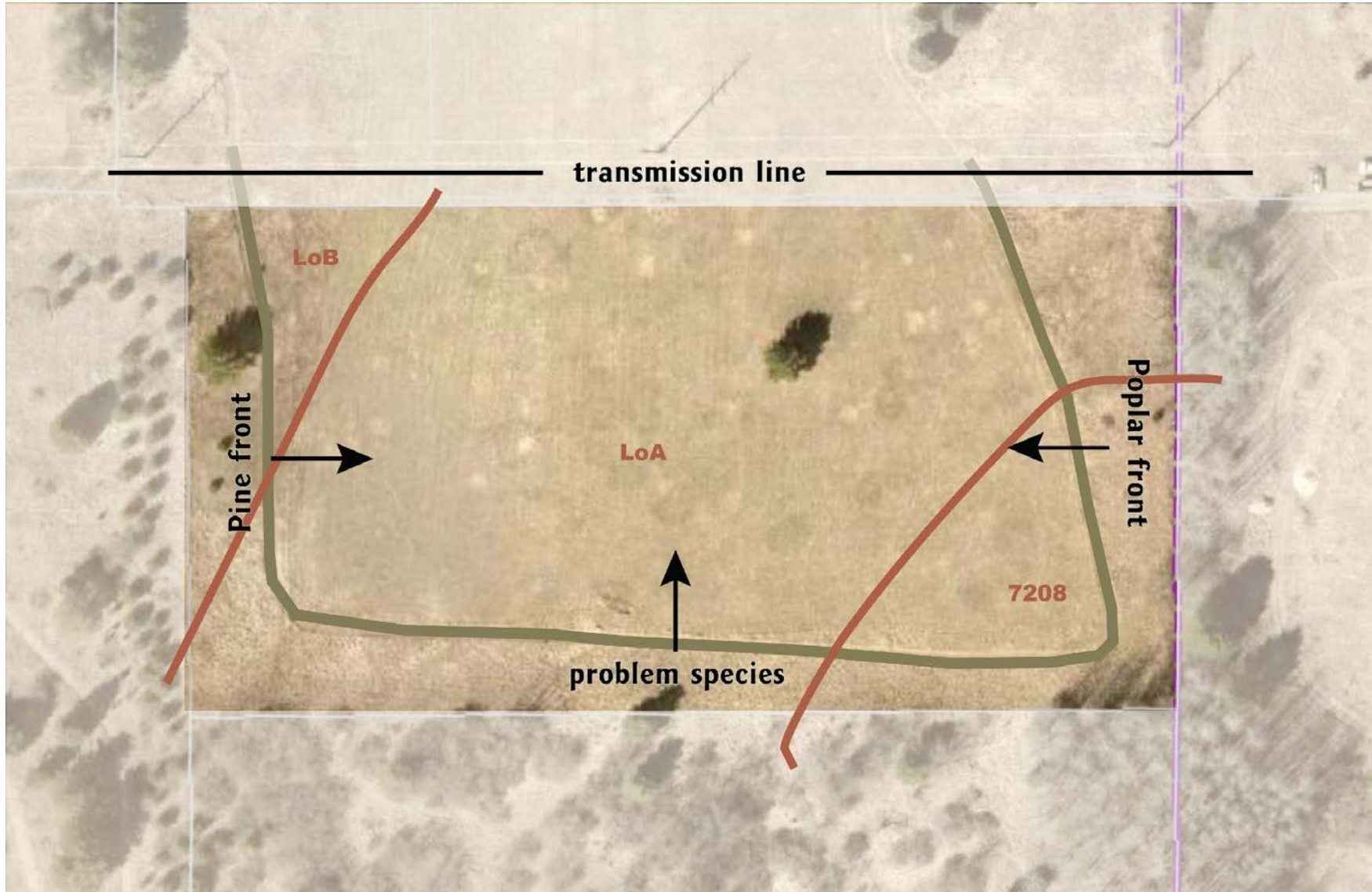
A photograph of a dirt path winding through a dense forest. The path is made of brown earth and is flanked by lush green vegetation, including ferns and various trees. The forest is filled with tall, thin trees and a thick canopy of green leaves. The lighting is soft, suggesting a shaded forest environment.

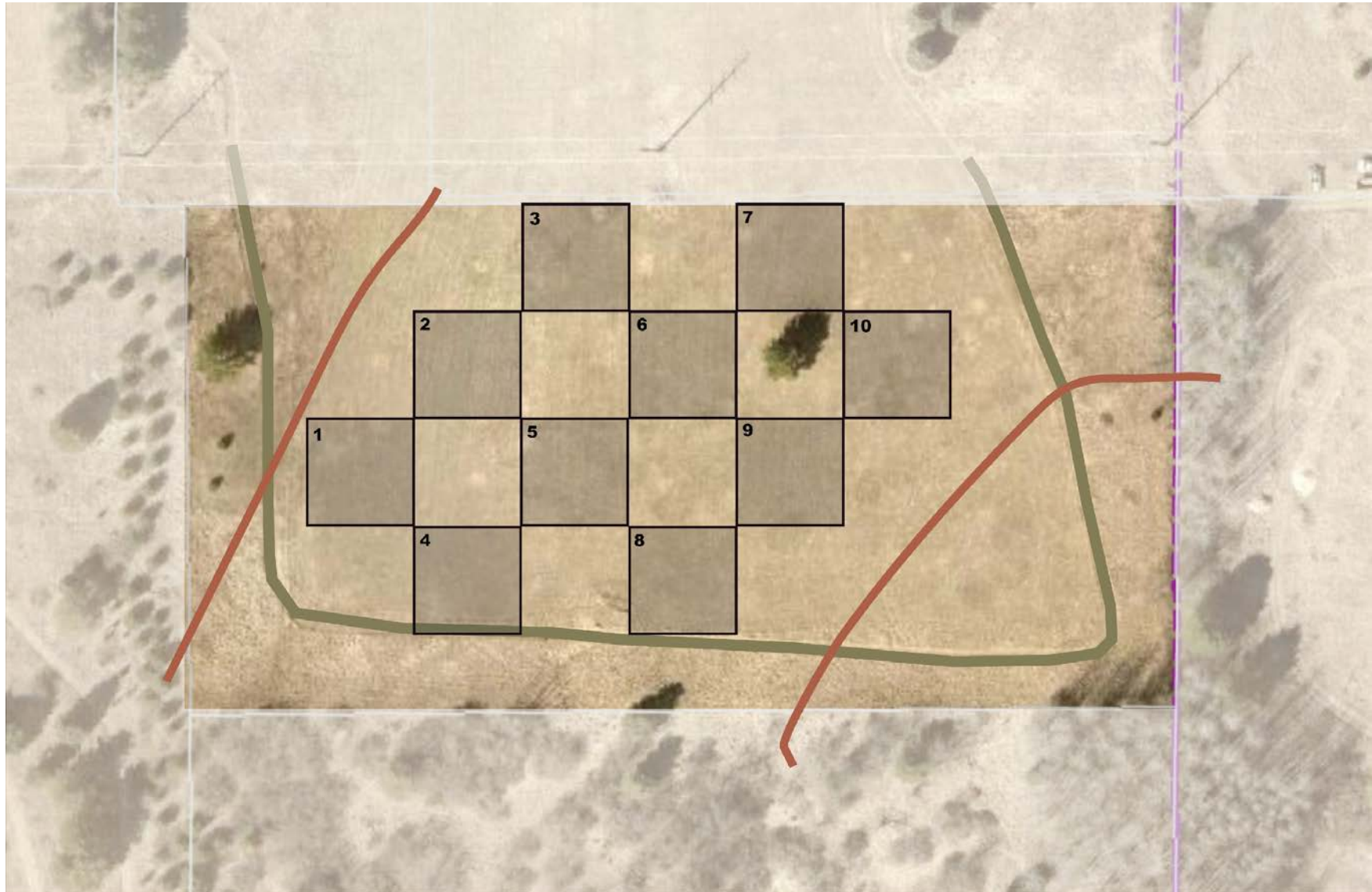
We have the ability to influence the trajectory of natural succession

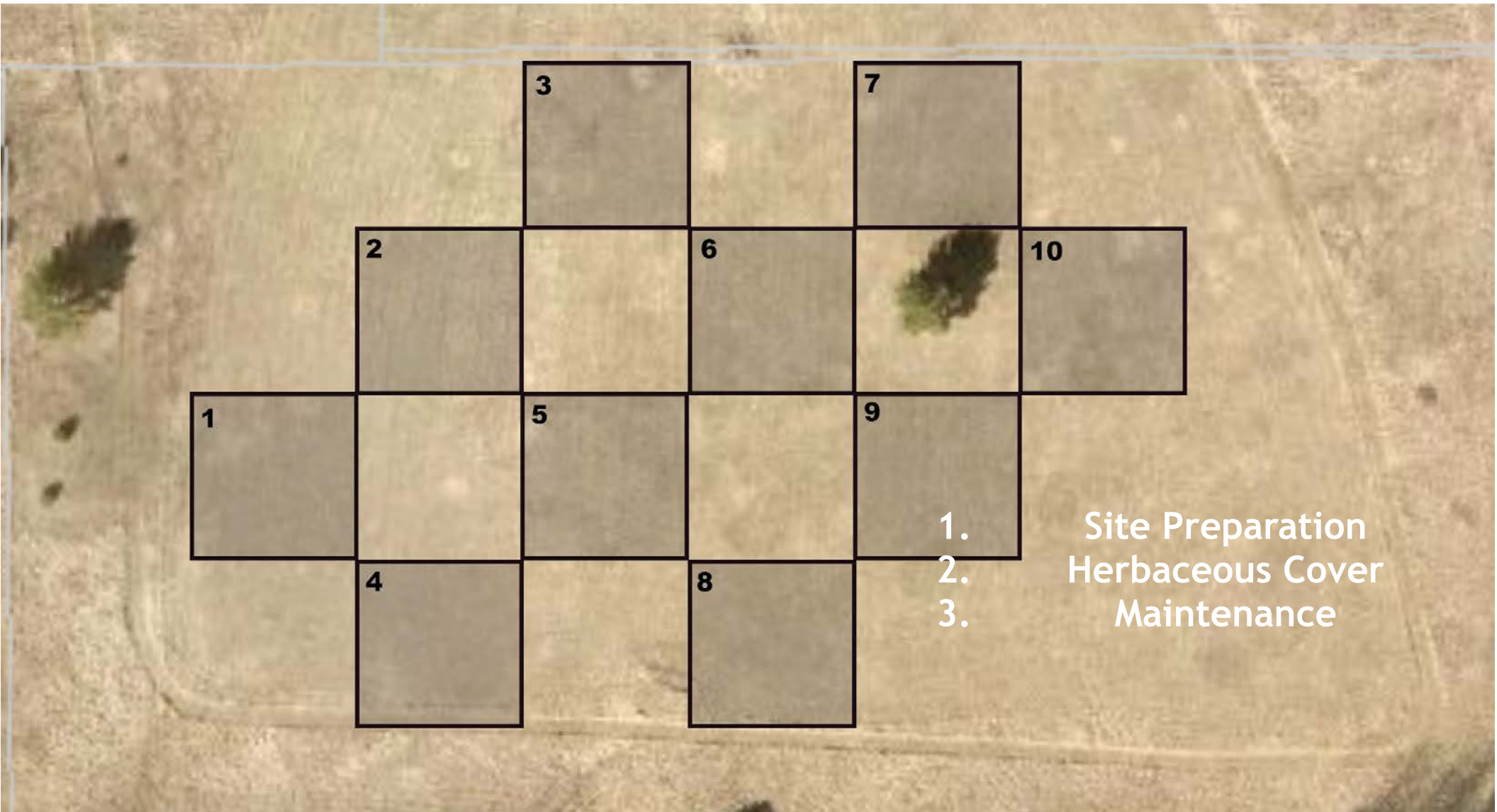
We have the ability to measure and document the process











- 1. Site Preparation
- 2. Herbaceous Cover
- 3. Maintenance



10 Red Oak



10 Paper Birch



10 Basswood



10 Quaking Aspen



10 Sugar Maple



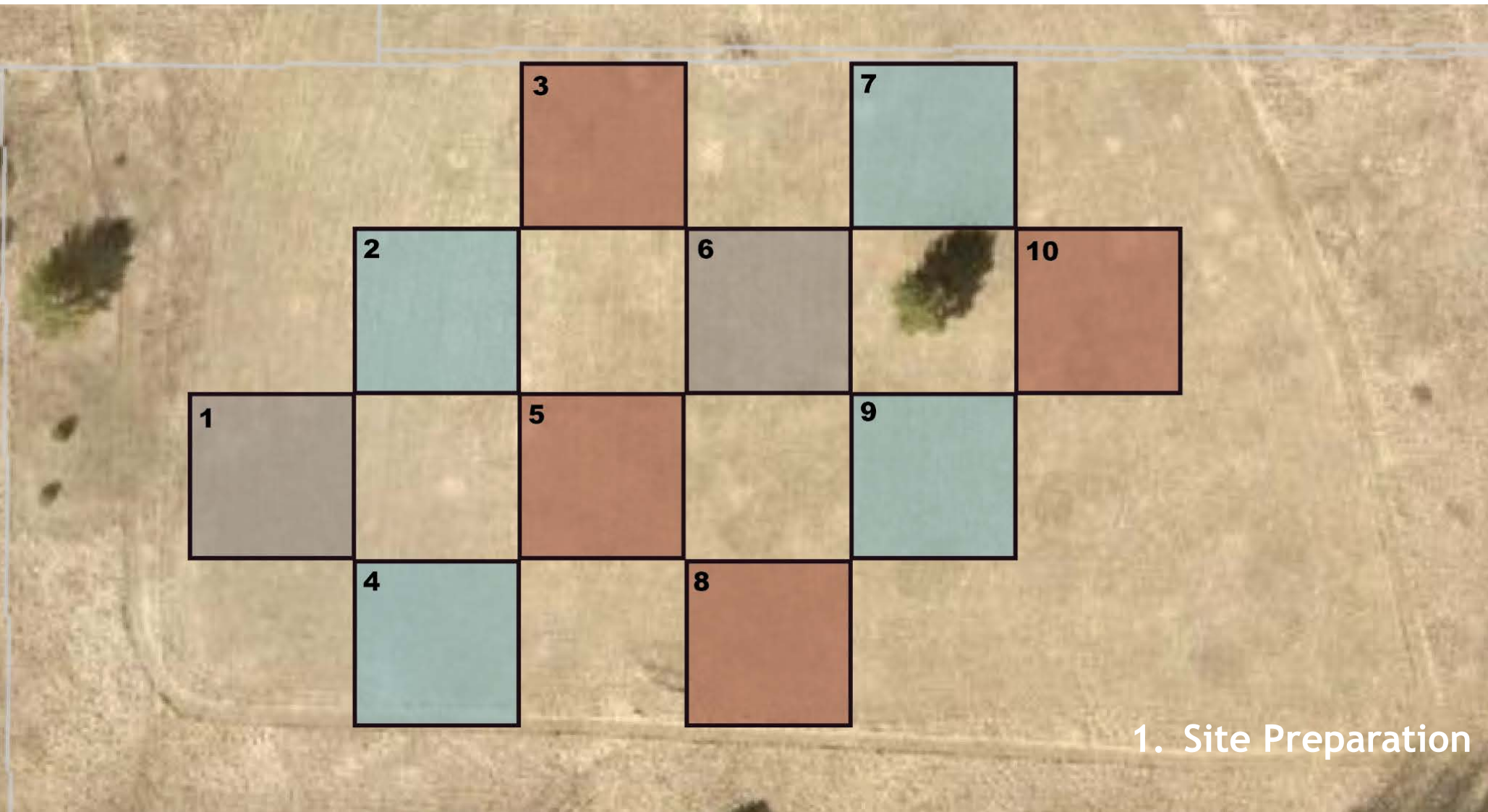
1. Glyphosate



1. Controlled Burn



1. Controlled Burn





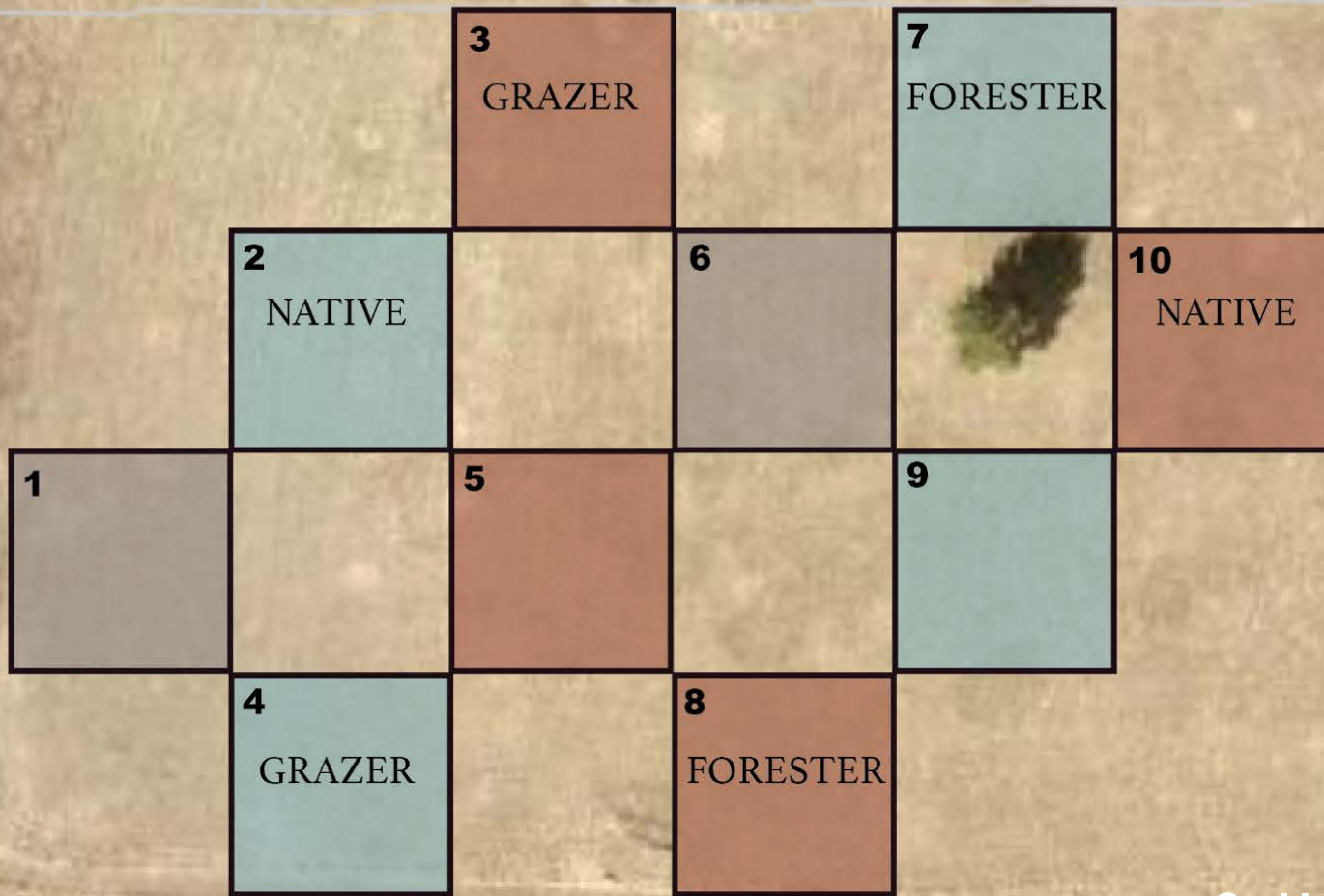
2. Winter Wheat



2. Native Mix



2. Grazer Mix



2. Herbaceous Cover





3. Shropshires

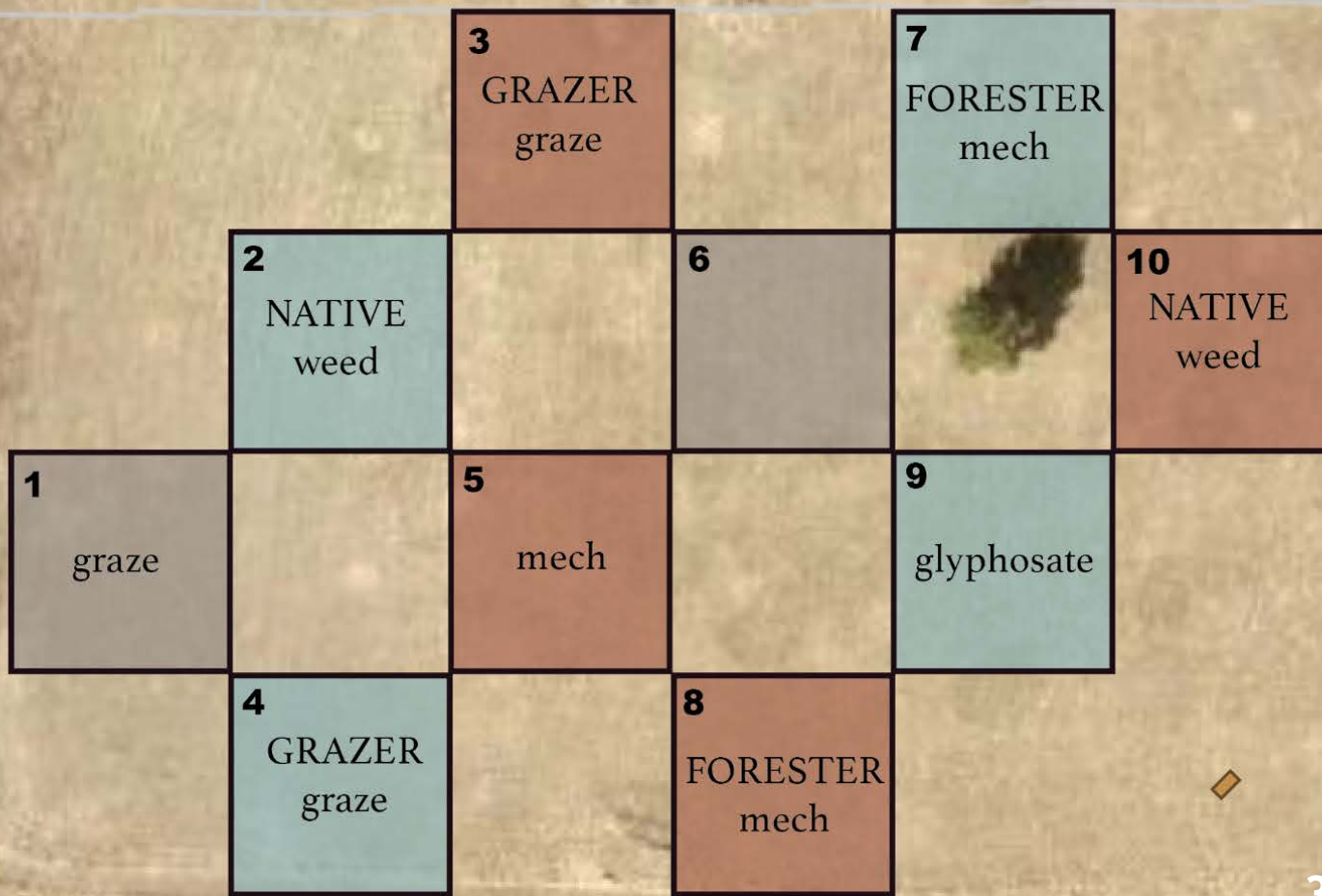
COLD CLIMATE FARMS



3. Shropshires



3. Shropshires



3. Maintenance

Annual Measurements per Plot

- a) Total Cost (in dollars)
- b) Total Labor (in hours)
- c) Diameter of planted saplings
- d) Height Class of planted saplings
- e) Vegetative Survey

5 Year Goals

- Demonstrate best practices for establishing a healthy early successional Northern Mesic Forest from an old field
- Establish a healthy early successional Northern Mesic Forest
- Establish a precedent for research at Crossroads
- Establish research plots for future LRS students and faculty



Let's see what grows!