A low-angle, upward-looking photograph of a massive tree trunk. The trunk is covered in thick, green moss and lichen, showing a rough, textured bark. The tree branches out into a dense canopy of green leaves at the top, with sunlight filtering through the foliage. The image has a slightly grainy, naturalistic feel.

Save our forests by ascending the Giant

Rebecca Hsu

A photograph of a massive redwood tree in a forest. Several people are visible climbing the tree trunk, which is covered in thick, reddish-brown bark. The tree's canopy is dense with green needles, and other trees are visible in the background. The scene is set in a forest with sunlight filtering through the leaves.

The inner space Forest Canopy

More people are likely to have reached the summit of Mount Everest than have been to the top of an old-growth redwood tree, which helps explain why we know little about the biodiversity these giants harbor.

Global warming !!



Climate change impacts on forest health

- Disease (Fungus & Insects)
- Non-native Invasive



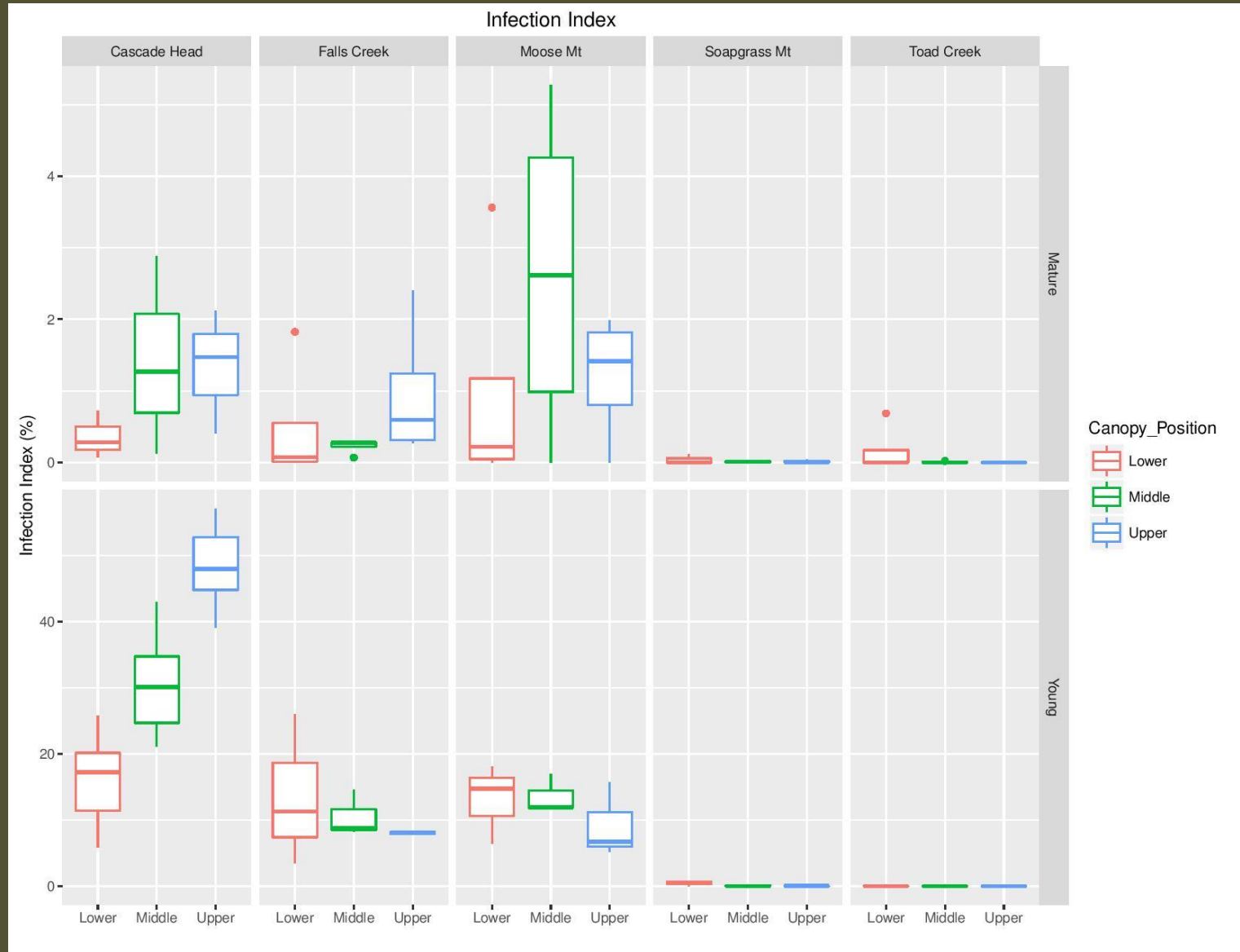
Swiss needle cast



What did we find after hard and risky field work?

Infection index

% of stomata occluded by
pseudothecia



Discussion and implementation?

- Biodiversity increase ecosystem resilience
- Natural create patchy patterns
- Maintain habitat heterogeneity



Beacon Food Forest

A photograph of a vibrant food forest garden. The foreground is filled with a variety of green plants, including leafy greens, herbs, and small trees. A path made of brown mulch and stones winds through the garden. In the background, a row of colorful houses is visible on a hillside under a cloudy sky.

Crop diversity can build a healthy agriculture



Cultural diversity can build a peaceful world



Everything is about diversity!