

Permaculturist and  
Community Organizer



# Food Forestry 101

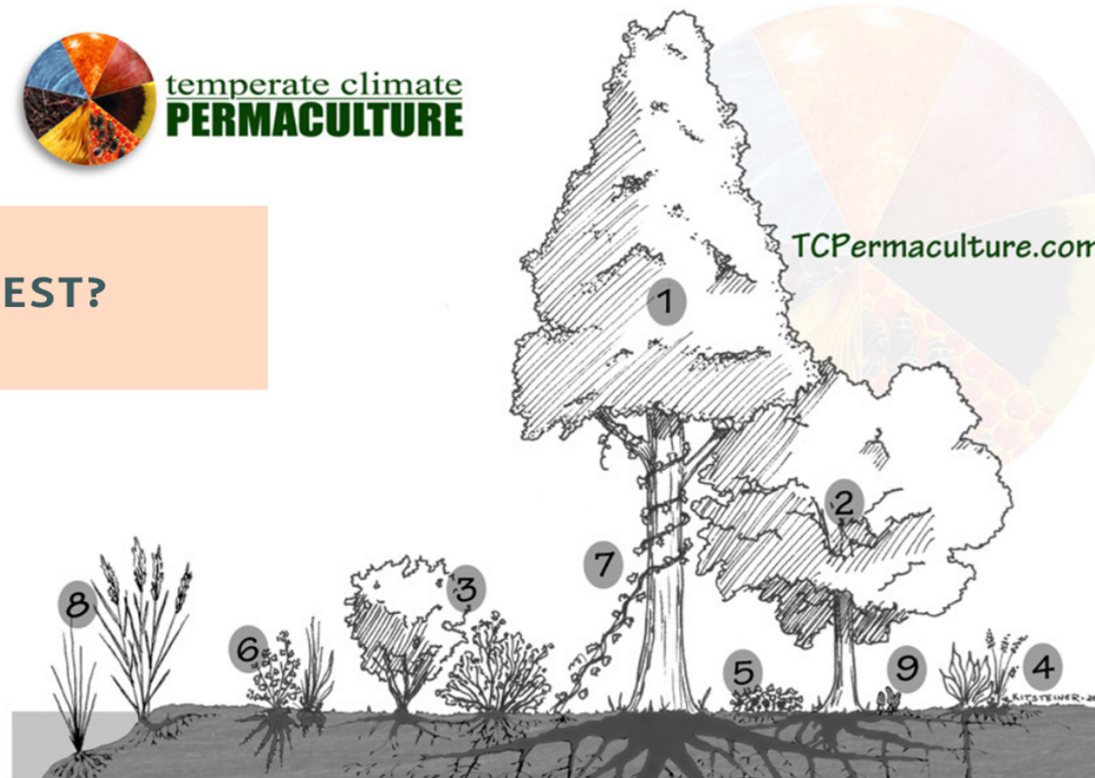
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temperate climate  
**PERMACULTURE**

## WHAT IS A FOOD FOREST?

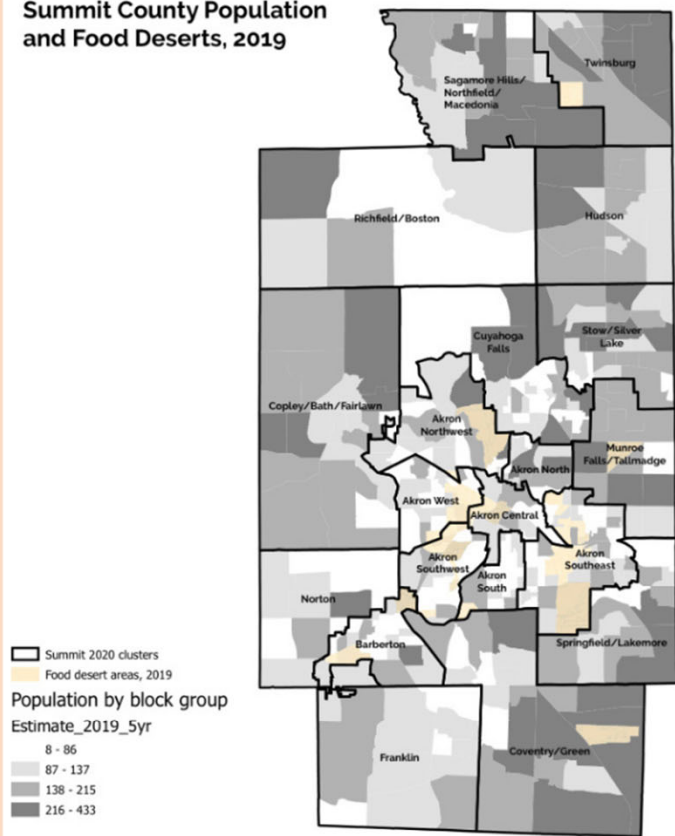


### Nine Layers of the Edible Forest Garden

1. Canopy/Tall Tree Layer
2. Sub-Canopy/Large Shrub Layer
3. Shrub Layer
4. Herbaceous Layer
5. Groundcover/Creeper Layer

6. Underground Layer
7. Vertical/Climber Layer
8. Aquatic/Wetland Layer
9. Mycelial/Fungal Layer

Summit County Population and Food Deserts, 2019



# Why is food forestry important?

## FOOD FORESTS IN FOOD DESERTS

- 12.5% of Summit Co lives in poverty.
- 12.5% experience hunger
- 18.5% children experience hunger
- Main social determinant of health to affect high infant mortality is the mother's nutrition throughout her life cycle.

# Stacking Functions

Food Access

Health Equity

Native and Native Edible Plants

Biodiversity

Climate Disaster Preparedness

Carbon Sequestration, Heat Island, Erosion

Site Beautification

Biophilia and Mental Health



## PERMACULTURE

A design system based on ecological and indigenous knowledge that increases ecosystem health while meeting human needs.

-Lara DePiano & Rafter Sass Ferguson

