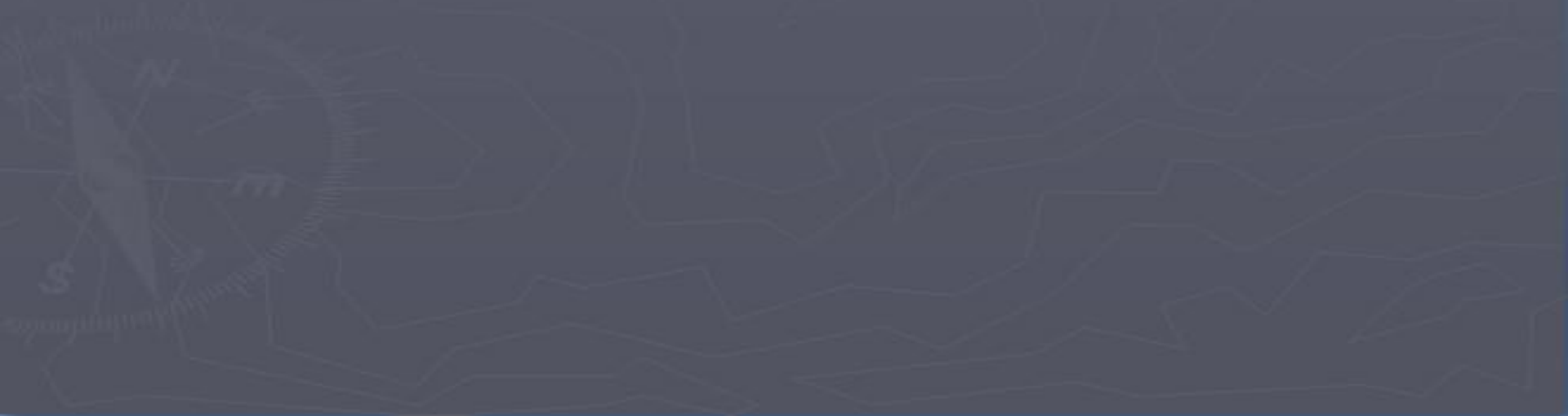


The Holdridge Life Zones Chart

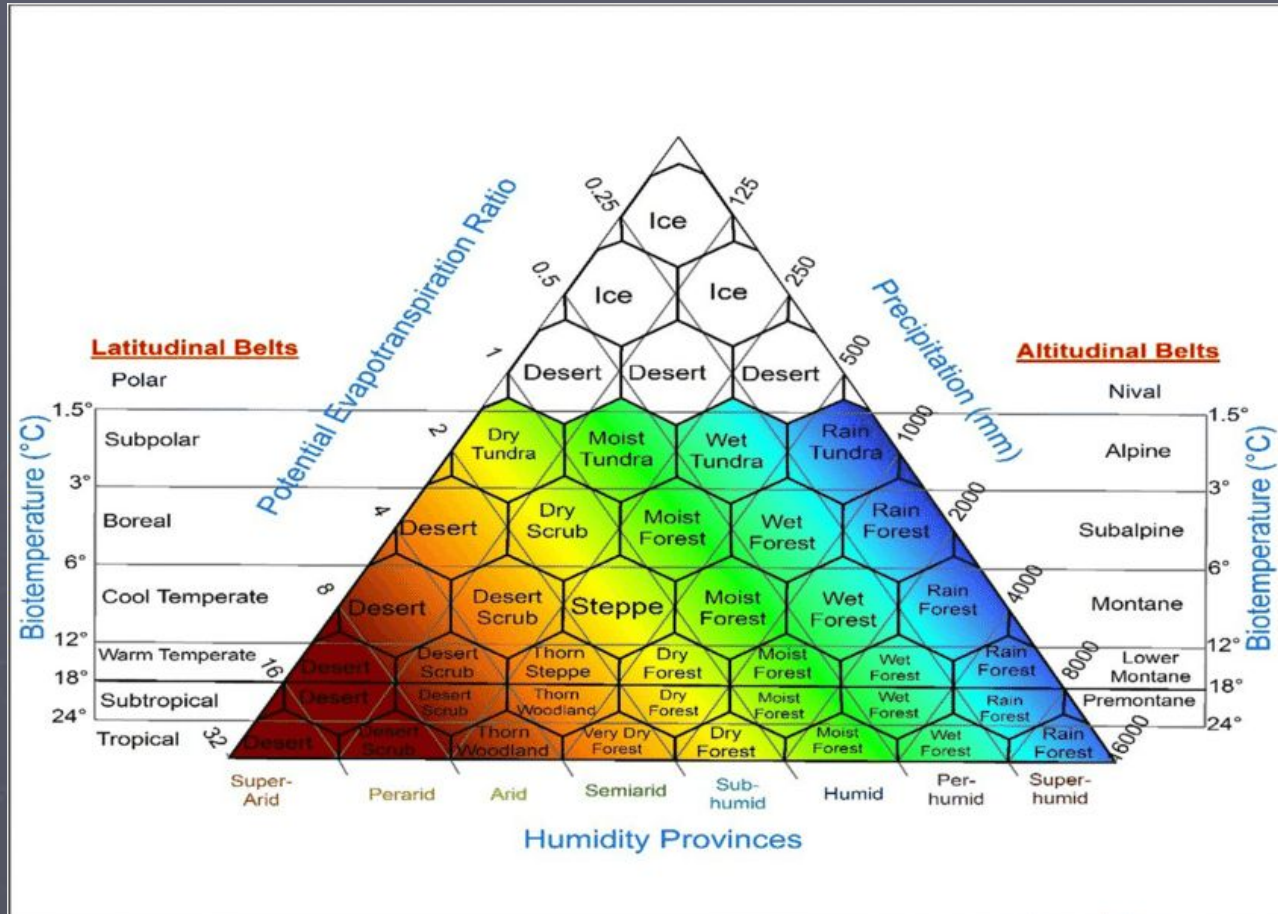


The Model

- Developed in 1947 by American Botanist Leslie Holdridge
- Meant to represent different relationships
 - Predominantly temperature, precipitation, and evapotranspiration (humidity)
 - Factors in altitude and latitude as well

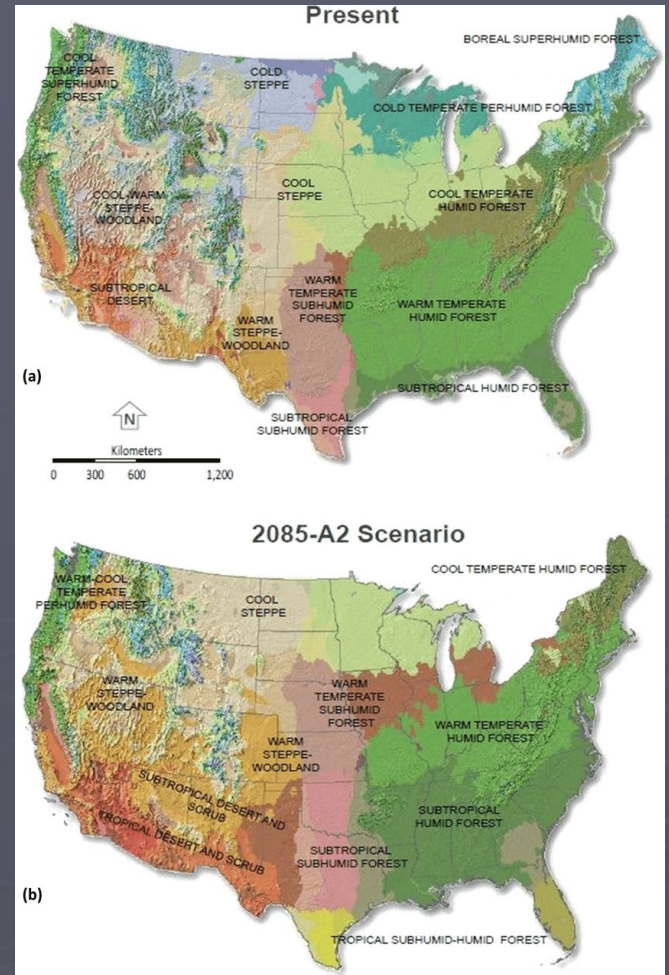
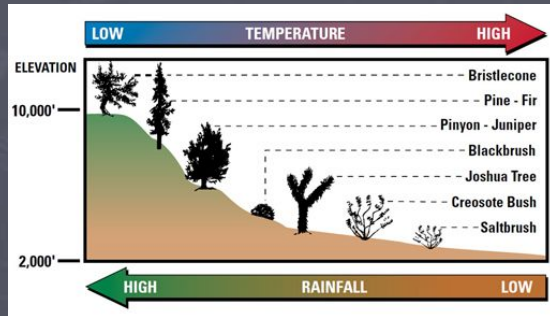


The Chart



Applications of the Model

- Looks at the specific climatic conditions needed for different types of plants to grow
 - Figures the tolerance ranges of different species of plants then can be placed along the chart.
 - Can be adapted for CO2 levels to make predictions for future



Life Zone Map of Maui

Based on the World Life Zone System of L. R. Holdridge

