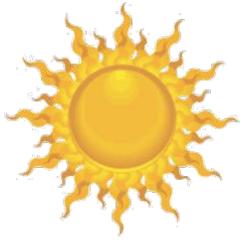


Weather



Sunny



Partly Sunny



Partly Cloudy



Sun & Rain



Raining



Thunderstorms



Snowing



Cloudy



Windy



Rainbow



Tornados / Hurricanes

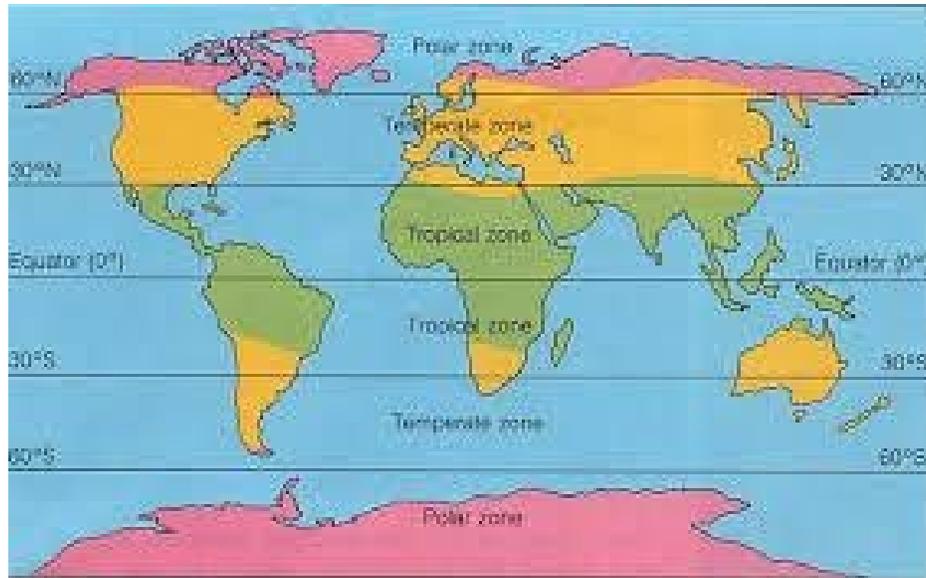


Clear

Climature



Climate Zones



Mediterranean Climate



**SHORT
WET
SEASON**

**LONG
DRY
SEASON**

Plant Communities



Coastal Sage Scrub

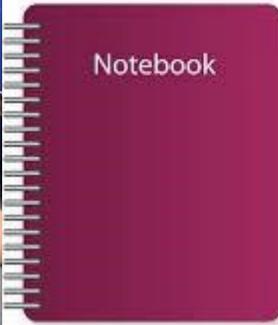


**LOW GROWING
AROMATIC PLANTS**

Scientists

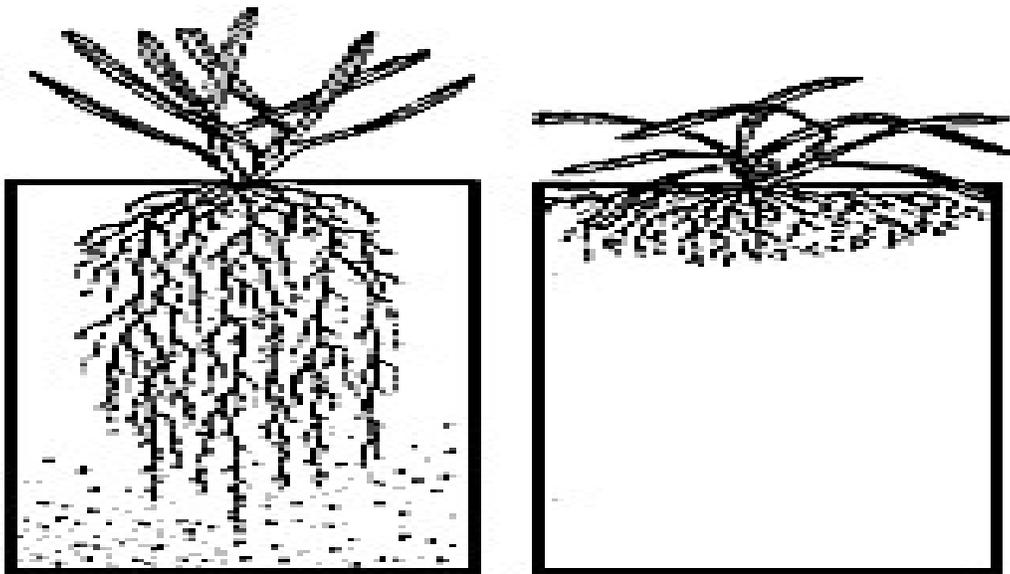


Scientific Tools



Other Adaptations

Tap Roots and Shallow Roots



Other Adaptations

Annuals



**SEED TO FLOWER IN ONE
GROWING SEASON**

Other Adaptations

Vertical Leaves



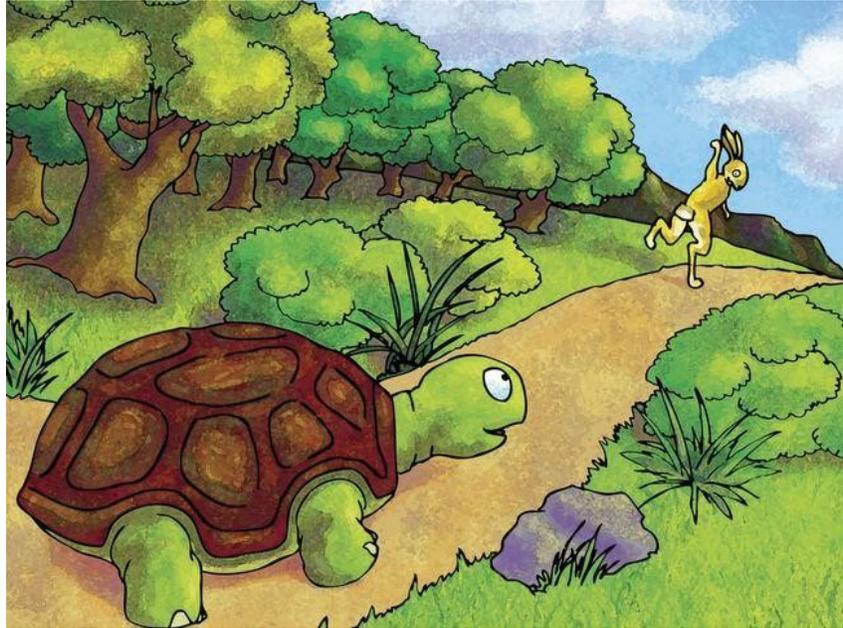
Other Adaptations

Cupped Shaped Leaves



Other Adaptations

Slow Growing Plants



Native vs. Invasive



FROM HERE (Native)



NOT FROM HERE

(Invasive)

**(TAKES AWAY RESOURCES
FROM NATIVES)**

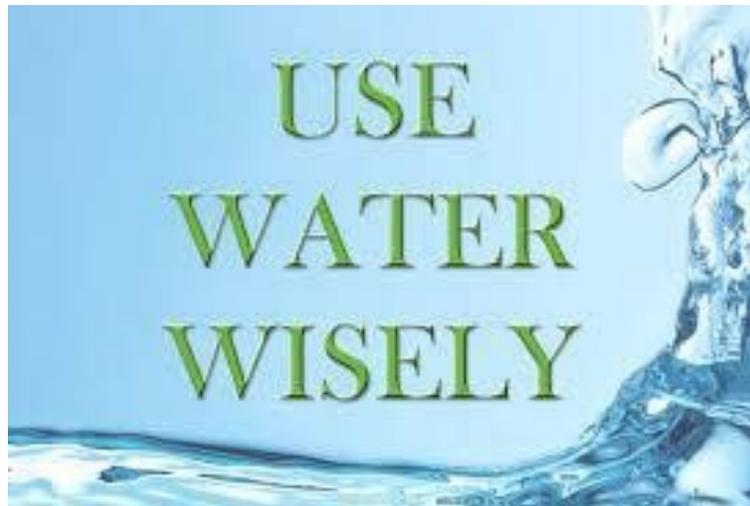
Water Conservation

Play your part, be water smart!

Wise Water Use



Save it, or do without it!



Seaweed



Orchid



Joshua Tree



Vernal Pools



Vernal Pools

temporary pools of water

usually found in a Mediterranean climate

most pools are dry for at least part of the year, and fill with the winter rain

some pools may remain partially filled with water over the course of a year or more, but all vernal pools dry up periodically

provide habitat for distinctive plants and animals

type of wetland usually containing no fish

special amphibian and insect species live here because there are no

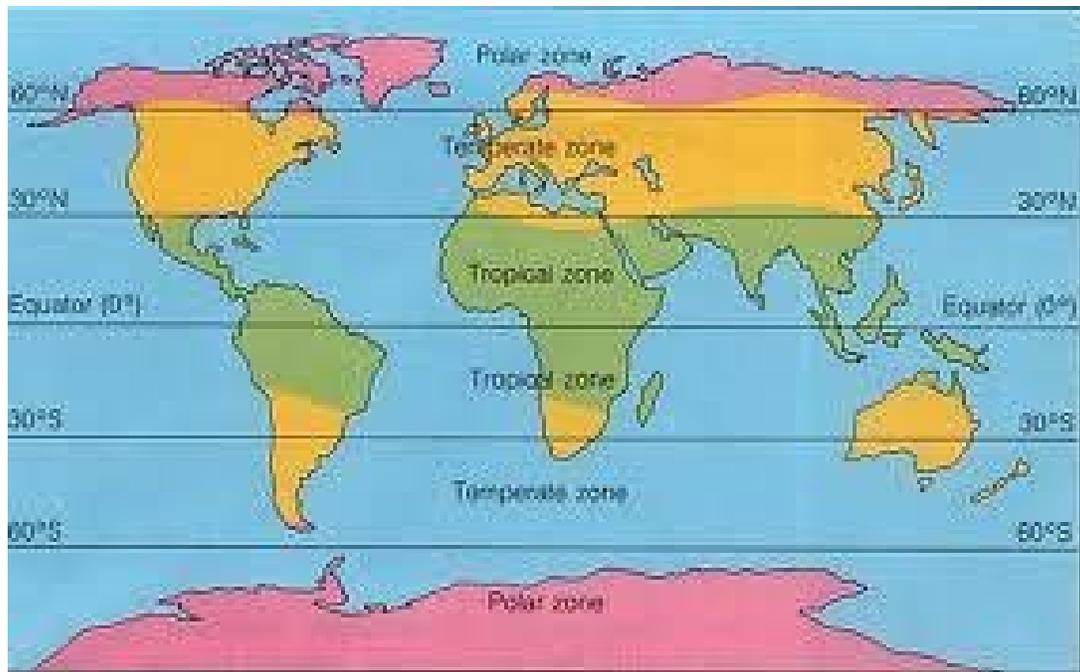
Observations vs. Inferences

Bobcat and Hare

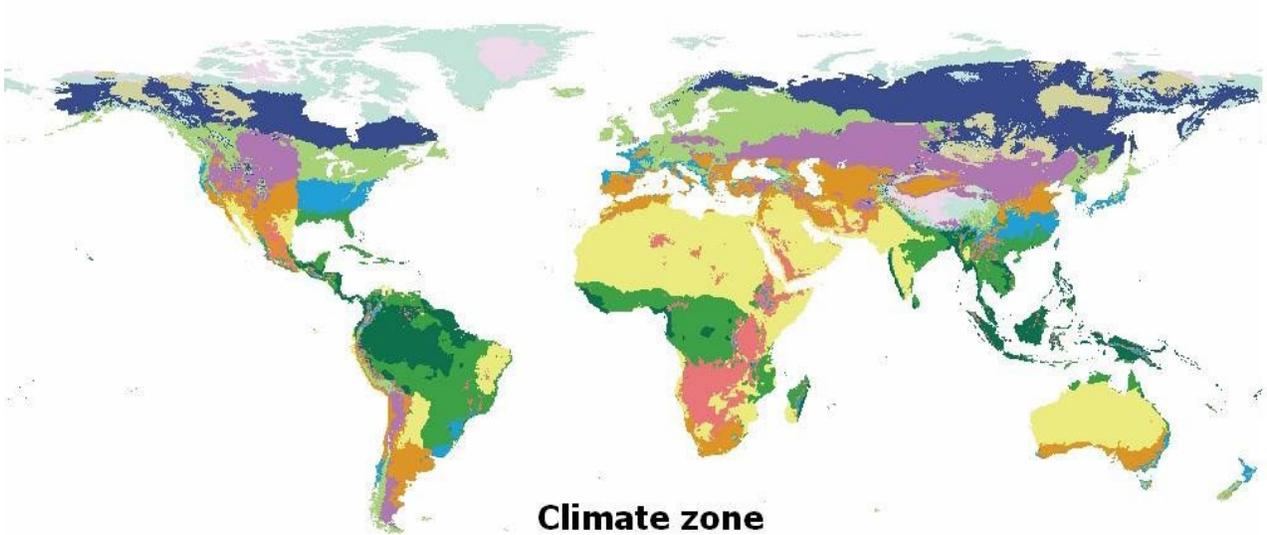
Looking at the tracks of the bobcat and hare, can you describe what might have happened here between them?



Climate Zones



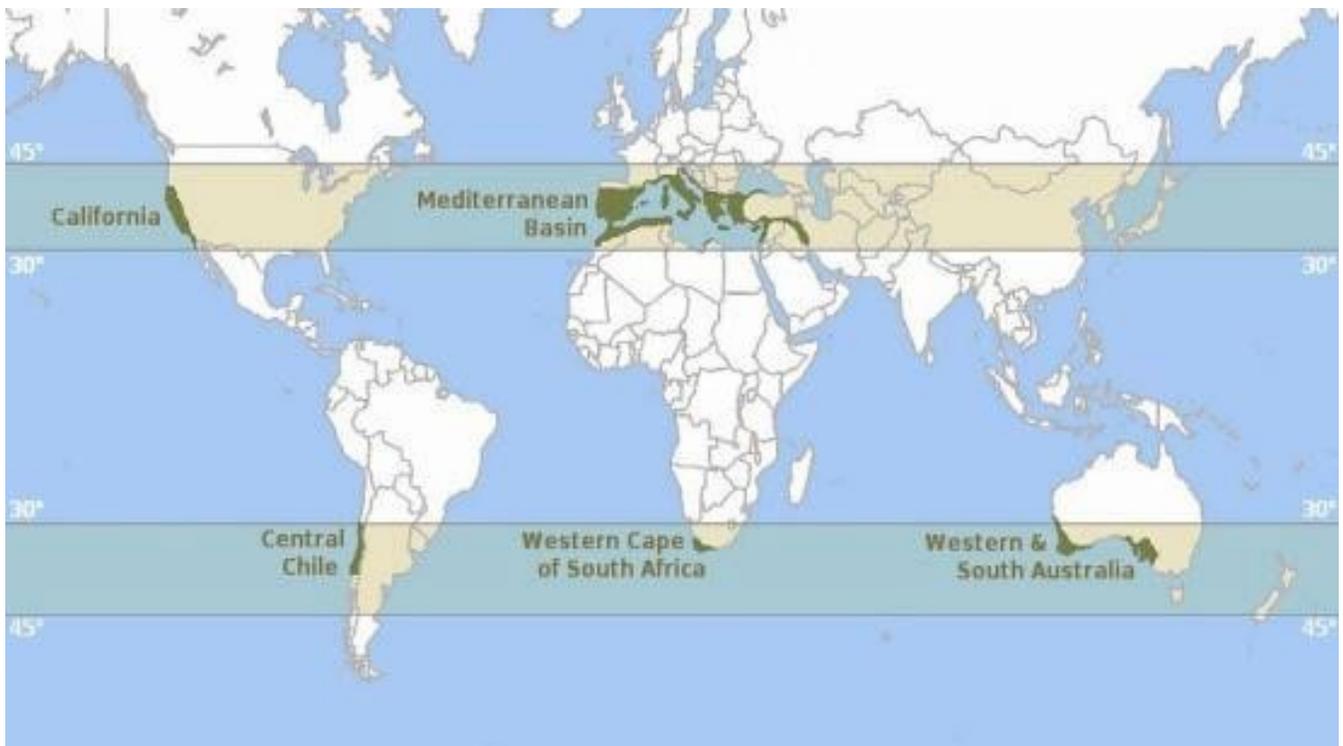
Climate Zones

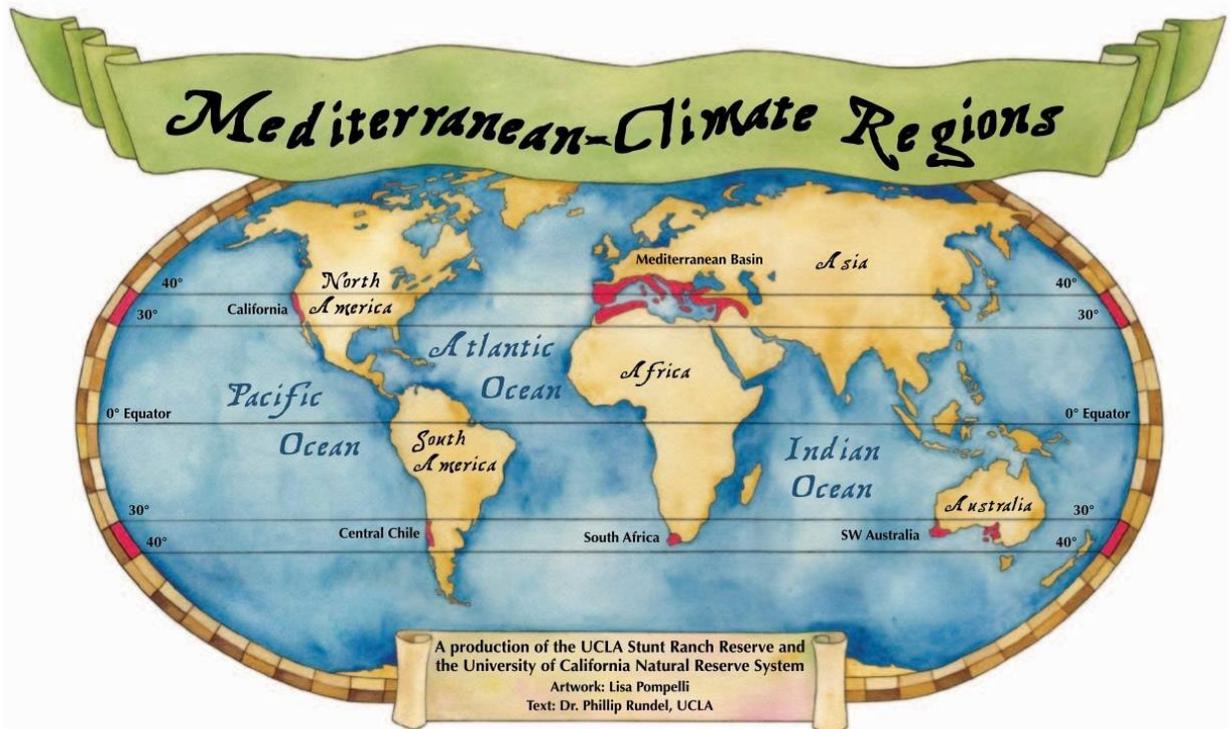


Climate zone

Other	Polar, moist	Tropical, wet
Warm temperate, moist	Polar, dry	Tropical, moist
Warm temperate, dry	Boreal, moist	Tropical, dry
Cool temperate, moist	Boreal, dry	
Cool temperate, dry	Tropical, montane	

Mediterranean Climate Regions





Mediterranean ecosystems are limited to five relatively small areas that are widely dispersed around the planet: California south to northern Baja California, central Chile, the cape region of South Africa, southwestern Australia, and the region bordering the Mediterranean Sea. The Mediterranean climate, moderated by cold ocean currents offshore, is characterized by hot, dry summers and mild, rainy winters. While these ecosystems cover just under three percent of the earth's land area, they contain about 20 percent of its plant biodiversity, including over 26,000 endemic species.

California Sunflower



Black Sage



California Sagebrush



California Flattop Buckwheat



Bladderpod



Broom Baccharis



Lemonade Berry



Wild Cucumber



Laurel Sumac



nativeplants.csuci.edu

White Sage



Theodorepayne.org