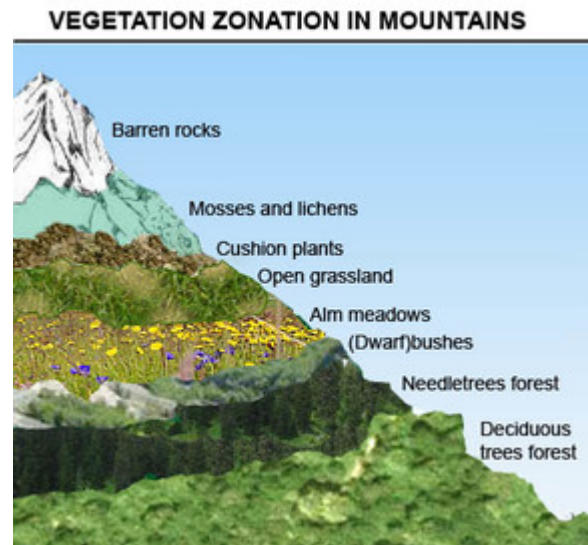
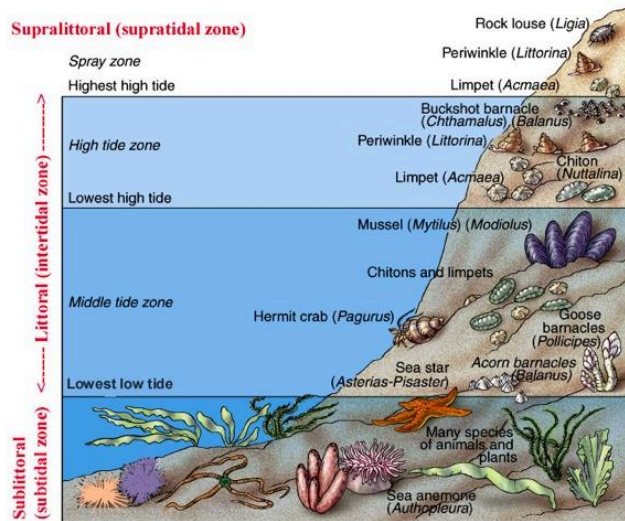


Zonation Notes

Visual representation



Explanatory video

<https://www.youtube.com/watch?v=ebAnBXTI208>

Activity for group to do

- Kahoot

<https://play.kahoot.it/#/k/ea219363-d50b-48cc-8c5f-6ada28bb1e77>

Notes:

- Biomes are characterized into zones determined by certain factors
- 'spatial change in response to changing conditions'
- Change in community along environmental gradient
 - Can be caused by change in altitude, (altitudinal zonation), latitude, water depth, tidal level, distance from shore
 - Altitudinal zonation: caused by change in climate conditions and increased altitude
 - Most commonly occurs in mountainous and marine ecosystems
- Plant communities adapt to different environmental conditions
- Takes place without succession
- Patterns observed within community over a distance based on the fauna and flora found within the area.
- The separation of zones is determined through an overlap of different species whether that be plants or animals. The overlap can be small if one species outcompetes the other. By usually predation or competition over resources for example sun (for plants) etc.
- Biotic factors: altitude, temperature and salinity

- Abiotic factors: predation and competition

Ex: rocky shores

- Distribution of species is shown with the intertidal zone
- Changing factors: temperature, wind pressure, light intensity, wave action, salinity
- Intertidal zone has three parts: high, middle and low zones
- Each zone has different species depending on the adaptations they have

Bibliography

Editors. "Zonation - Definition, Example & Quiz." *Biology Dictionary*, 29 Apr. 2017, biologydictionary.net/zonation/.