**WOTD #6**

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| **Date** | **Ecology Word of the Day** |
| 11/15, 11/16 | FWARPS- An acronym to remember the resources necessary for all living organisms to survive multiple generations.  FOOD, WATER, AIR, REPRODUCTION, PROTECTION, SPACE |
| 11/17 | Natural Selection- The process by which individuals with certain heritable characteristics tend to survive and reproduce more successfully than other individuals because of those characteristics. |
| 11/27 | Bioaccumulation- A progressive increase in the concentration of a substance in an organism’s body over its lifetime |
| 11/28, 11/29 | Trophic levels- A way to organize how species obtain energy, and organized in order of how one group feeds on the other (starting with producers) |
| 12/4 | Deciduous- a tree or shrub that sheds its leaves annually |
| 12/5, 12/6 | Evergreen- A plant or shrub that retains green leaves throughout the year |
| 12/6, 12/7 | Conifer- A tree that bears cones and evergreen needlelike or scale-like leaves |
| 12/8 | C:\Users\caroline.burdick\Pictures\A5palmate-b.jpgPalmate- A leaf having several “lobes” (typically 5-7) that all radiate from one point. |
| 12/11 | Pinnate- Resembling a feather with a central vein up the middle, with peripheral veins branching off. C:\Users\caroline.burdick\Pictures\Pinnate_en.gif |
| 12/12, 12/13 | Acclimate- Respond physiologically or behaviorally to a change in a single environmental factor |
| 12/13, 12/14 | C:\Users\caroline.burdick\Pictures\serrated.jpgSerrated- Have a jagged or sawlike edge |
| 12/15 | Petiole- The stalk that joins a leaf to a stemC:\Users\caroline.burdick\Pictures\6BE40-petiole.png |
| ½, 1/3 | Succession- natural, gradual changes in the types of species that live in an area; gradual replacement of one plant community by another through natural processes over time |
| 1/3, ¼ | Primary Succession- beginning from an abiotic environment following a catastrophic disturbance. |
| 1/5 | Secondary Succesion- Beginning after a major disturbance, but all forms of life are NOT destroyed |
| 1/8 | Symbiotic- Involving interaction between two different organisms living in close physical association |