Colin Ralston

June 4, 2013

Physics

Natural Observation

At a little school in Belfair, Washington called North Mason High school. Possibly the greatest school ever recently had a bad forest fire out on the cross country course which led to. There are lots of invasive species in the Puget Sound that vary from Aquatic animals to plants. Here are a few of invasive species: . Us as people of the community where the fire happened have a lot of influence on the habitat and how animals adjust to their new environment. We can help plants new trees, or new plants, so that animals and any invasive species can go back and have a place to live. And we doing that it are called, secondary succession. Which means that The [ecological succession](http://www.biology-online.org/dictionary/Ecological_succession) that occurs on a preexisting soil after the [primary succession](http://www.biology-online.org/dictionary/Primary_succession) has been disrupted or destroyed due to a disturbance that reduced the [population](http://www.biology-online.org/dictionary/Population) of the initial [inhabitants](http://www.biology-online.org/bodict/index.php?title=Inhabitant&action=edit).

The fire at North Mason High school burned 53,000 M of the cross country course. The fire gives us a chance to start over because, everything in the vicinity of the burn was destroyed and the ashes of the fire make the soil perfect for planting new trees, plants, also the fire gives us the chance to plant different trees, different plants that attract new animals. This possibly also leads to new invasive species around the Puget Sound to migrate to the new improved habitat. If we divert the burned area in a new direction then that will lead to a more diverse animal life because the new habitat we make will attract new animal life.

The physics class gathered data in a few different ways, we did sit tray spots which is a tray that had ash on it which made it so we could identify species around the burned area. Also we did the GIS system which was consisted of Microsoft Excel and everyone in the class took data on where there sit trays were and recorded any species that they saw or heard and we all put it on the same Excel and that led to all of us having a wide variety of data because everyone in the group put there sit trays in different places which led to different plants, animals, E.T.C.

There were only a few animals inside the burned area and even outside the burned area that I noticed every animal that all the students had on their recorded data. That was, an American crow, also an American robin and also on a few of my peers also had seen or heard a lot of song-sparrows. There are not that many species in the burned area at all because, it was just recently burned down and the animals that lived there lost their habitat and they had to leave the burned area to get a new home. See this website for sky birds view of the burned area.

My proposehttp://www.arcgis.com/home/webmap/viewer.html?webmap=4d0e6dc5e6024046a4f3cc31178b1530&extent=-122.8448,47.41,-122.8207,47.4179d

 solution would be, secondary succession because the description of it fits our situation was dealing with. Using secondary succession means that we will make a human made environment which involves us planting new plants so that we can bring a bigger diversity of species. With all of the data we gathered I had found out that there are a lot of species in the Pac-Northwest that are not around where we took our data, and if we plant new different plants that will help attract those new animals and will give us a much more diverse species life.

This project has really opened my eyes to nature and how we can almost control if we want certain species in certain places and this project has shown me that here at North Mason High school that we need to create a new type of habitat so that we can get a wide variety of different species. A fire like the one we had is devastating to the different species involved in the fire and also us, the students, the administrators, the community we all were affected some way. But this fire has also given us a chance to start over new, gives us the chance to control what we want to do with the burned area re-plant the same plants and trees or plant new plants or trees to help diversify our community.

Works Cited

"Invasive Species Council." *Invasive Species Council, Washington State, Home Page*. Web. 6 June 2013. <<http://www.invasivespecies.wa.gov/council_projects/epa_grant.shtml>>.

"Physics data." *Nature mapping*. Web. 6 June 2013. <<https://docs.google.com/spreadsheet/ccc?key=0AlRjRu8L4VvrdG1NekhtWXV3MHdDSl8xQ1F1R2FONEE#gid=0>>.

"Secondary succession - Wikipedia, the free encyclopedia." *Wikipedia, the free encyclopedia*. Web. 6 June 2013. <<http://en.wikipedia.org/wiki/Secondary_succession>>.

"Synthetic Biology: FAQ." *Synthetic Biology*. Web. 6 June 2013. <<http://syntheticbiology.org/FAQ.html>>.

"The engineering in Nature." *Harun Yahya*. Web. 6 June 2013. <<http://harunyahya.com/en/Documentaries/31886/the-engineering-in-nature>>.