Invasive Species Review: Class Notes

1. **What is an alien species?**

* A species introduced to regions outside of their historic native range.
* Often have the ability to take over in that range making them invasive species.

1. **What influences invasion success?** 
   1. **Species Characteristics**

* Their ability to adapt well to their surroundings.
* Huge gene bank genetic diversity.
* Small and sneaky,
* asexual reproduction,
* reproduce easily,
* no natural enemies,
* live anywhere,
* can withstand disease.
  1. **Generalizations Regarding Habitat Invase-ability**
* Can eat anything
* live anywhere,
* no natural enemies,
* nutrient rich plants,
* Open Niche = empty houses to live in

1. **How do theses species effect native species**

* They use many of the resources in the region,
* eat native species,
* out perform natives (who rent used to competition)

1. **Give an example of an invasive species and how it affects *native* species?**
2. **Why cant the native species deal with the invasive species?**

* Take resources,
* Native species is not evolved to compete
* Immune system not evolved/ready to deal with new diseases