**Species Description Project**

After choosing a species, you should research it. You will need to find at least two reputable sites. You can include Wikipedia on your reference list, but it does not count towards your two sources. You need to write a description of your species. This should include appearance as well as the following information about topics discussed in chapters 2-3:

How does the organism get its energy? (Chemosynthesis/photosynthesis/respiration)

What is the organism’s trophic level?

Is this organism a predator or a parasite?

What organisms does it prey on? What organisms prey on it?

Does the species participate in any of the geochemical cycles discussed?

What traits in the species exemplify naturally selection?

What traits in the organism show great genetic diversity?

What factors limit the size of populations of this species?

Is this species an indicator species?

Describe this species’ habitat and niche

Is this species a generalist or specialist?

Did this species likely arise from allopatric or sympatric speciation?

Describe intraspecific and interspecific competition in this species

How does this species avoid predation? Mimicry? Camouflage? Other means?

Does this organism participate in a symbiotic relationship?

Is this species r- or K-selected?

Does this organism display random, uniform or clustered distribution?

Does this species prefer core habitat or ecotone?

Not all these categories will apply to every organism. You may also find other important information about your species that should also be included. This information should be typed up in paragraph form and submitted with your two sources. Due date:

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