Goal 1.4

For my first artifact I chose my experiment with Dr.Znosko in biology 475 where we tested response of different environmental changes on the color change of *Anolis carolinensis* commonly known as the green anole. This experiment helped my gain a better understand of the principles by allowing me to see the real time effects of ecological stresses on live organisms. For my second article I chose my population ecology lab for biology 114 with Dr.Lehman in which we looked at two species of Paramecium will grow alone and how they will grow when they are grown together. This helped my understand the principle of organismal biology because we looked at the interactions between two organisms. For my third artifact I chose my pill bug experiment with Dr.Znosko where we marked pill bugs with different colors and put them in a arena with two cells on containing moist soil substrate and the other containing dry soil substrate. This experiment helped me understand the principles of organismal biology by allowing me to look at the preferred behaviors of the organisms in the experiment.