**Ecosystem Species Analysis Using Quadrats and Chi-Squared Analysis**

Complete a contingency table of the following area, analyzing the two types of plants, *A. barbata* and

*S. apiana*. Do these species show a random distribution or do they show a distribution that suggests something in the ecosystem is affecting their distribution? Show your H0 and HA, contingency table, chi-squared calculations, and a sentence stating your conclusion. Sample ALL 100 quadrats for your data.

![[ map of oats and sage ]]()