Jordyn Bannon
Junior Division Plant Sciences
How Do Oil Densities Differ Between The Seeds Of Native Plants? Phase II
Oils collected by pressing native plant seeds were measured for volume and mass, from which the resultant densities were compared. After collecting a sufficient quantity of native plant seeds, oils were then extracted using a simple homemade press. Records were then kept of the volumes of each pressed oil and also their mass. Densities for each of the plant oils were then calculated and compared. Data from oils showed density ranges form a low of 0.89 g/ml to a high of 1.50 g/ml. Average density was 1.01 g/ml. Density measurements showed that most pressed oils were found between 0.89 g/ml and 1.05 g/ml. Of interest, was the fact that the oil density from Rattleweed was noticeably greater than the oil densities of all other collected oils.