



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) Cody A. Peterson	Project Number S1717
Project Title Do Monocots or Dicots Survive Better in High Methane Environments?	
Abstract Objectives/Goals The objective of my project was to observe monocots and dicots in high methane environments to see which survived the best. Methods/Materials I placed 3 monocots and 3 dicots in sealed containers and then placed 3 more monocots and 3 dicots in sealed containers with methane. I observed them for 10 days, twice a day, taking a picture every morning, and documenting my observations. I then converted my data in to numbers and created a chart of my umerical data. Results As I stated in my hypothesis, I found that the monocots survived much better than the dicots do to their lower photosynthetic rates. Conclusions/Discussion In a high methane environment, the monocots would survive much better than the dictos because their lower photo synthetic rate. They, however, would provide a very specified environment because of the very small and distinct number of monocots.	
Summary Statement My project's goal was to see if monocots or dicots survived better with the bases of photosynthetic rates.	
Help Received My mother and father helped with the composition of my poster board.	