



The set up was two 2-L pop bottles with the cone section cut-off and inverted into the remaining bottle. The CO2 atmosphere was saturated by a piping the gas from dry ice into the bottle. The minimum concentration of the CO2 was 5000ppm determined by using a Vernier CO2 sensor (max reading is 5000ppm). A 75W bulb was placed near each bottle (identical placement for each atmosphere) and allowed to heat the enclosed atmosphere for 30 mins. The light was shut off at 30 mins.