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 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.