



**CALIFORNIA STATE SCIENCE FAIR  
2012 PROJECT SUMMARY**

<b>Name(s)</b> <b>Katie M. Heath</b>	<b>Project Number</b> <b>J2208</b>
<b>Project Title</b> <b>Bon Appetite</b>	
<b>Abstract</b> <b>Objectives/Goals</b> My Objective was to learn if desert tortoises prefer iceberg lettuce over spinach and/or romaine. <b>Methods/Materials</b> In this experiment i used two desert torioises, a desertlike aquarium, one head of romaine lettuce, one head of iceberg leaduce, one head of spianch, a kinfe, a cutting board, a notebook, a pencil, and a carmera. I first cut each type of lettuce into small leaves, thenm seperated them into five groups of ten leaves. I used a total of ten days, on the first day i set the first group (each type of lettuce-3 groups) and the next day i counted how many leaves were aeten out of the ten and record my results in the notebook. I repeated this tep every other day for the reaminig days. <b>Results</b> The tortoises did not eat any spinach, the iceberg percentage dropped by day, and lastly the romaine started out low and then towards the end of experimnet the amount of leaves increased. <b>Conclusions/Discussion</b> I found that my hypothesis was proven wrong. I predicted the tortoises would prefer the iceberg lettuce because of the fact they have no teeth therefore cannot chew. Iceberg lettuce has a high water content so i thought the lettuce could dissolve in their motuh so they would not have to chew anything. Alothough my theory was wrong they actualy prefer romaine lettuce. My reasonign behing this is beause it is more leavy therefore the toroises would not hav to chew as much yet its not complete water so the lettuce fills their quench for food	
<b>Summary Statement</b> My ecxperiment was testing to see if desert torotises have a lettuce prefernce.	
<b>Help Received</b> My teacher Miss Michele Mulen helped in the writing report prooess, and father helped to feed the tortoises.	