



**CALIFORNIA STATE SCIENCE FAIR
2015 PROJECT SUMMARY**

Name(s) Benjamin J. Brandon	Project Number 35137
Project Title Do Hummingbirds Care about Color?	
<p style="text-align: center;">Abstract</p> <p>Objectives/Goals There are many shapes and sizes of hummingbird feeders but most share the same color, red. Red colored nectar is the common food used in the feeders. My experiment was a test to see which color actually attracts hummingbirds the most. My hypothesis is that the Hummingbird#s will have a favorite color of nectar that they feed on.</p> <p>Methods/Materials Methods- Make nectar, Place measuring tape on feeders, Hang control feeder- clear, Hang primary colored feeders, Measure fluid level in feeders weekly and log data, Mark fluid level drops on chart for 3 weeks, Repeat above for secondary colors.</p> <p>Materials- Water+Sugar+Food Coloring, Ruler, Perky Pet feeders</p> <p>Results The three primary colors, plus a control- clear, were used for 3 weeks. In the following 3 weeks, 3 secondary colors plus a control- clear were used. Surprisingly, the most popular color consumed for the primary and secondary colors was no color at all, but the control- clear.</p> <p>Conclusions/Discussion In conclusion, through my experiment I have proved that hummingbird#s do have a favorite color, or more accurately, no color. Their favorite color is clear. My recommendation for those who hang hummingbird feeders is to fill the feeder with clear nectar.</p>	
Summary Statement This experiment assesses which color attracts hummingbird's the most.	
Help Received	