



**CALIFORNIA STATE SCIENCE FAIR  
2003 PROJECT SUMMARY**

<b>Name(s)</b> <b>Hastin L. Zylstra</b>	<b>Project Number</b> <b>S0820</b>
<b>Project Title</b> <b>Salt Cedar, and Its Effects on the Mojave River</b>	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> To find if Salt Cedar trees effect the salinity of the Mojave River.</p> <p><b>Methods/Materials</b> Standard method; go to study sites, and collect Total Dissolved Solids information, using a Hanna brand handheld water quality device.</p> <p><b>Results</b> When the river's Total Dissolved Solids is compared to a small puddle of water, directly effected by Salt Cedar trees, the Mojave River's salinity raised, and fell at the exact same dates.</p> <p><b>Conclusions/Discussion</b> Yes, my hypothesis is correct, because of the rises and falls in the data, on the exact same dates.</p>	
<b>Summary Statement</b> The effects of Salt Cedar trees on the salinity of the Mojave river.	
<b>Help Received</b> Mojave Water Agency - Provided Hanna water quality collection device.	