



**CALIFORNIA STATE SCIENCE FAIR  
2017 PROJECT SUMMARY**

<b>Name(s)</b> Alyssa J. Fraser	<b>Project Number</b> <b>J1909</b>
<b>Project Title</b> <b>The Effect of Fertilizer on Java Moss Growth</b>	
<b>Abstract</b> <b>Objectives/Goals</b> My goal was to discover which of the chosen fertilizers had the largest effect on java moss. <b>Methods/Materials</b> To do this, I grew 12 strands of java moss using different kinds of fertilizer. They were grown in a box with a grow light and heating pad. <b>Results</b> The java moss that grew the most was surprisingly the one without fertilizer. Fish Emulsion grew the next best, followed by Soul Grow and finally Miracle Gro, proving my hypothesis wrong. <b>Conclusions/Discussion</b> Something I learned from this project was that the healthier moss you grow, the less algae grows, bringing a healthier environment. I observed this during the growth of the Java Moss, and it was not part of my experiment.	
<b>Summary Statement</b> I tested different fertilizers on a plant called Java Moss.	
<b>Help Received</b> My dad helped me assemble the grow light and heating pad into the box.	