



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

<b>Name(s)</b> <b>Michael J. Claridge</b>	<b>Project Number</b> <b>J1905</b>
<b>Project Title</b> <b>Creation by Cultivation and Propagation</b>	
<b>Abstract</b> <b>Objectives/Goals</b> How do different growth media affect the development of roots in newly propagated plantlets?  If the growth rate of spider plants grown in vermiculite, sterile seedless potting mix, and water are compared to the growth rate of plant grown in sterile seedless potting mix would be the greatest. <b>Methods/Materials</b> I took three cutting from a spider plant and grew them in three different media, vermiculite, sterile seedless potting mix, and water. The plants were grown with equal amounts of water, sunlight, and grown in the same place for the same length of time. After 26 days I analyzed my plants. <b>Results</b> My hypothesis was incorect by my results showing that water was the best substance to propagate a spider plantlet in. This happened becasue the sterile seedless potting mix was too strong for spider plants.	
<b>Summary Statement</b> I'm seeing what is the best media to grow a newly propagated spider plant in.	
<b>Help Received</b> My mom helped me create my displayt board; Mrs. Wolfe my Science teacher gave her spider plants and helped me with my whole project and ansewering my questions.	