

## CALIFORNIA STATE SCIENCE FAIR 2012 PROJECT SUMMARY

Name(s)	Project Number
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Project Title	
A Symbiotic Relationship	
Objectives/Cools Abstract	
Objectives/Goals My project is to determine if the Anacharis plant would grow a occupied by goldfish. I believe that the Anacharis plant will g occupied by goldfish. The greater the number of goldfish, the Methods/Materials	row faster when placed in glass bowls
Anacharis plants measuring 10.16 cm were placed in four iden with tap water and placed in a lighted area. The first bowl did contained one goldfish, the third bowl contained three goldfish goldfish. After seven days, each plant was removed and measuring This process was repeated weekly over a six week period.	not contain goldfish. The second bowl a, and the fourth bowl contained five
<b>Results</b> The plant in the bowl with zero goldfish did not have any meas The plant in the bowl with one goldfish grew 1.16 cm during th with three goldfish grew 1.16 cm during the six week period. The the greatest rate of growth over the test period. The plant grew	he six week period. The plant in the bowl The plant in the bowl with five goldfish had
<b>Conclusions/Discussion</b> The Anacharis plants grew faster in glass bowls containing gol goldfish. The greater number of goldfish the faster the rate of	
Summary Statement The symbiotic relationship between Anacharis plants and gold	fish.
Help Received	
None	