



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

Name(s) James T. Hughes	Project Number S2006
Project Title Corallimorpharia: A Project in Reproduction	
Abstract Objectives/Goals While doing this experiment, I hoped to learn about the different reproductive methods of the Mushroom Coral, and induce them using a razor blade. I also hoped to prove or disprove the myth that putting a sample of these Mushroom Corals in a blender would be another successful means of induced reproduction. Results I proved that inducing the reproduction of corallimorpharia mushroom corals was possible. My experiment showed that it was possible for cut specimens so survive, though only if they retained a potrtion of their "mouth piece." Conclusions/Discussion I was correct in that the induction of asexual reproduction in Corallimorpharia Mushroom Corals could be possible, and successful. However, the test of the blender proved otherwise. As the blender chopped the specimens too fine, no mouth pieces survived, which in turn meant no surviving specimens. I believe the experiment involving the blender would be successful if i had larger specimens and less chopping time in the blender.	
Summary Statement This experiment focused on inducing the asexual reproduction of Corallimorpharia Mushroom Corals through the use of a razor blade and blender.	
Help Received Guardians helped set up and maintain the salt water tank.	