

CALIFORNIA STATE SCIENCE FAIR 2010 PROJECT SUMMARY

Name(s) Arielle Meininger; James Welsh	Project Number
	J2414
Project Title Snap, Crackle, Rockfish	
Abstract	
Objectives/Goals Our project is about fish recompression and the corneal crackling, e occurs in rockfish species after they are decompressed. Fish recomprockfish in a compression chamber after it has been brought up fror How do rockfish recover from barotraumas when they are compress Vermillion and Green Stripe rockfish. We are trying to find how lo psi it takes for the exophthalmia to go away. We also looked at how when it is in the chamber. Methods/Materials We rated the severity of both from one to ten. We also filmed the fesults We found that it took up to four and a half hours for the crackling to 150 simulated ft. for the exophthalmia to go away.	pression is when we recompress a m 180 or more feet. Our question is: sed? We went fishing for Rosie, ong the crackling lasts and how much w much the fish ventilates per minute fish when he was in the chamber.
Summary Statement Our project is about how rockfish recover from barotraumas when t	they are brought up from deep depths.
Help Received Father helped with gathering reaserch	