



**CALIFORNIA STATE SCIENCE FAIR  
2013 PROJECT SUMMARY**

<b>Name(s)</b> <b>Jack V. Glenn</b>	<b>Project Number</b> <b>J1710</b>
<b>Project Title</b> <b>The Effect on Termites of Orange Peels, Vinegar, and Canola Oil</b>	
<b>Abstract</b> <b>Objectives/Goals</b> The objective of this experiment is to determine whether pureed orange peels, canola oil or vinegar can effectively kill termites. <b>Methods/Materials</b> Termites were obtained from a commercial source. Termites were then individually placed in a glass container holding a test environment. Test environments included untreated wood or wood treated with one of vinegar, canola oil or pureed orange peels. Each of these environments included water. Termites were also placed in empty glass containers. <b>Results</b> Termites in the canola oil environment survived an average of one day, the pureed oil peels an average of two days and the vinegar an average of eight days. The termites in the untreated wood environment survived an average of five days while the termites in the empty containers survived an average of eight days. <b>Conclusions/Discussion</b> The conclusion of this experiment is that canola oil and pureed oil peels are more efficient in killing termites than vinegar.	
<b>Summary Statement</b> This project evaluates the potentially toxic effects of common household items on termites.	
<b>Help Received</b> My mother helped me print and mount report on board. My father proofread reports and typed application into web page. My science teacher walked me through the steps of creating my project and explaining my results/reports.	