



**CALIFORNIA STATE SCIENCE FAIR
2002 PROJECT SUMMARY**

Name(s) Kasmian Campa	Project Number J1903
Project Title Attack of the Stingers	
Abstract Objectives/Goals The objective of this experiment was to find out which bait lured the largest quantity of yellow jackets; also which trap captured the hisghest amount of yellow jackets. Methods/Materials Their were 11 different baits tested to lure the yellow jackets and 4 different traps used to capture yellow jackets. 11 styrofoam cups were used to hold the baits with steel meshes to cover them. I recorded the data in time phases of 5, 10, 15, 20, 30, 45, 60, and 75 minute periods. For the traps, I used the 4 traps and placed them over different garbage cans. I tested these in a 1hr. time phase. Results The data results of this experiment show that in the baits experimenting, that the raw fish lured the most yellow jackets; it lured a total of 244 yellow jackets. The Sterling Rescue Disposable Trap captured a total of 235 yellow jackets in 1hour. Conclusions/Discussion The conclusion of this experiment is that the hypothesis for the baits was incorrect; the hypothesis was that the lemonade would work best. But it turned out that the raw fish was the best. The hypothesis for the traps was correct; the hypothesis was that the Sterling Rescue Disposable trap would work the best. The information attained from the experiment helps people in selecting the best bait and trap.	
Summary Statement This project is about finding which bait and trap will capture the most yellow jackets.	
Help Received My father took me to the place of testing and helped set-up baits and traps; my mother would buy my accessories and materials needed for experiment. Both proofread all my papers and made sure they were perfect.	