



**CALIFORNIA STATE SCIENCE FAIR
2003 PROJECT SUMMARY**

Name(s) David J. Anderson	Project Number J1902
Project Title Eggs 'n Veins	
Abstract Objectives/Goals My objective was to find out if spider mites lay their eggs in the same areas on the leaves of different plants. Methods/Materials I selected three different types of plants and infested them with spider mites. I took four samples of leaves from each plant and viewed them under a microscope. In total I tested 36 leaves. My investigation is still continuing today as I am still studying leaves. Results I found that spider mites lay their eggs on the edge of the tomato plant leaves. They laid their eggs near the main veins of the other plants. Conclusions/Discussion I noticed that the tomato plant leaves had a heavy density of trichomes and that the other leaves didn't. I believe that this is the reason that they lay their eggs on the edges of the tomato plant leaves. My research is still continuing.	
Summary Statement Trichomes on leaves seem to have an affect on where spider mites lay their eggs on leaves.	
Help Received Bobbie Orr, Syngenta, use of microscope and spider mites	