



## CWSF 2008 - Ottawa, Ontario



## **Coralie Sheane**

## **Ant Acids**

PO Box 297

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Division: Physical & Mathematical Sciences / None

Category: Intermediate

Region: Kiwanis Southeast Alberta

City: Medicine Hat, AB

School: Crescent Heights High School

Abstract: A look into the wonderful world of ants. Carpenter and Western Harvester

ants battle to see which is more resistant to muriatic acid. Using three different concentrations on naturally deceased ants, I can determine which

species of ant has a thicker and more durable exoskeleton.

## **Biography**

My name is Coralie Sheane, I am 15 years old, an honour student in the Grade 10 French Immersion program at Crescent Heights High School in Medicine Hat, Alberta. I'm active in my school's drama program and I'm a Flight-Corporal in my fourth year of Air Cadets. I represented my squadron at the regional effective speaking competition two years ago. I volunteered at my local hospital last year and will volunteer at the SPCA this summer. I do face-painting on Fridays and work as a hostess on weekends in the restaurant my family owns and operates since 2001. I aspire to become an entymologist, a bio-medical scientist or a bio-chemical engineer. I enjoy baking birthday cakes for my friends and family in the shapes of their favourite animals, and I may develop this into a small part-time business. I like to watch documentaries and read fact-filled books.





