

## CWSF 2011 - Toronto, Ontario



### Kathleen Orrell

#### Spotting the Difference

**Challenge:** Environment

**Category:** Senior

**Region:** Cape Breton

**City:** Sydney, NS

**School:** Riverview High School

**Abstract:** Lady beetles were collected in disturbed and undisturbed habitats to investigate habitat preference and abundance of native and non-native lady beetles. Only 1.5% of lady beetles in these habitats were native species. Additionally, most non-native lady beetles were in undisturbed habitats, the assumed habitats of native lady beetles. This suggested that non-native lady beetles may be adversely affecting native lady beetles on Cape Breton Island.

#### Biography

Kathleen is a grade 12 student at Riverview High School in Nova Scotia. When not writing biographies in the third person, Kathleen enjoys a wide multitude of activities, such as practising piano, playing soccer and reading books. In the future, Kathleen hopes to develop a broad range of knowledge in... everything. Until then, she plans to attend Dalhousie University in the fall of 2011.

#### Awards

#### Value

The Canadian Society for the Weizmann Institute of Science Scholarships The Maurice Pollack Foundation Scholarship Sponsor: The Canadian Society for the Weizmann Institute of Science (Weizmann Canada)	\$9 400
Excellence Award - Senior - Bronze Medal Sponsor: Youth Science Canada	\$300
The University of Western Ontario Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Western Ontario	\$1 000
University of Ottawa Entrance Scholarship Senior Bronze Medallist - \$1000 Entrance Scholarship Sponsor: University of Ottawa	\$1 000
<b>Total</b>	<b>\$11 700</b>