

ESPC 2016 - Montreal (Québec)



Meaghan MacKenzie

Myriophyllum spicatum: A Threat To Habitat Biodiversity? An Invasive Species PI

Défi: Environnement

Catégorie: Sénior

Région: South Fraser

Ville: Delta, BC

École: Southpointe Academy

Sommaire: Eurasian watermilfoil (EWM) is an aggressive, aquatic invasive plant that can disrupt natural ecological processes and habitats. Containing, eradicating and controlling EWM would protect the biodiversity of Delta's waterways. My project included mapping of EWM sites, water quality testing, sampling, 10-week aquarium studies, and a field study using a geotextile benthic barrier as a control measure to eradicate and prevent re-establishment and spread of EWM.

Biographie

My name is Meaghan MacKenzie and I am a grade eleven student at Southpointe Academy in Tsawwassen, BC. I was introduced to science fair when I was in grade seven at my school and over the years it has helped me explore ideas, problem solve and become a more confident speaker and presenter. Science fair has enriched my learning and allowed me to look beyond the classroom as well as influenced my career goals. I love choosing projects in the environmental field because I hope make a difference in the lives of people and the world we live in. Other than science fair, I am involved in debate, student council, and many sports including rowing, volleyball, running and swimming. In my free time, I love to take my dog for runs. I would encourage anyone to get involved with science fair because the learning process is invaluable, and the creative and critical thinking skills you develop are skills you will have for a lifetime!

Prix	Valeur
Prix du concours junior canadien au sujet de l'eau, à Stockholm Sénior Commanditaire: Les associations membres canadiennes de la WEF, l'Association canadienne des eaux potables et Jacobs	300,00 \$
Prix du défi - Environnement - Sénior Commanditaire: Sciences jeunesse Canada	
Prix d'excellence - Sénior - Médaille d'or Commanditaire: Sciences jeunesse Canada	250,00 \$
Bourses d'admission de la Faculté des sciences de l'Université Dalhousie Médaille d'or, sénior - Bourse d'admission de 5 000 \$ Commanditaire: Université Dalhousie, Faculté des sciences	5 000,00 \$
Prix d'admission en sciences de UBC (Vancouver) Médaille d'or, sénior - Bourse d'admission de 4 000 \$ Commanditaire: The University of British Columbia (Vancouver)	4 000,00 \$
Bourse d'admission de l'Université du Manitoba Médaille d'or, sénior - Bourse d'admission de 5 000 \$ Commanditaire: Université du Manitoba	5 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille d'or, sénior - Bourse d'admission de 4 000 \$ Commanditaire: Université d'Ottawa	4 000,00 \$
Bourse d'études de Western University Médaille d'or - Bourse d'admission de 4 000 \$ Commanditaire: Université Western	4 000,00 \$
Total	22 550,00 \$

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