

ESPC 2019 - Fredericton (Nouveau-Brunswick)



Graeme Hopkins

A Taphonomic Comparison of Two Ordovician Fossil Assemblages

Défi: Découverte

Catégorie: Intermédiaire

Région: Ottawa

Ville: Ottawa, ON

École: Ashbury College

Sommaire: Does the way in which rocks are formed affect the kinds of fossil animals preserved in them? I examined two types of rock deposits. One deposit was formed by gradual accumulation of silt on the sea floor; the other was formed when a mudslide deposited many layers of silt simultaneously. The deposit yielding the most fossil specimens and species overall was formed by the mudslide.

Biographie

My name is Graeme Hopkins. I am 14 years old, and I live in Ottawa, Ontario. I am currently in grade 9 at Ashbury College. On weekends and holidays, I like to volunteer at the Canadian Museum of Nature and spend time outdoors. In the Spring and Summer, I enjoy fossil and mineral collecting. I am a member of the Ottawa Field Naturalists Club and the Eastern Ontario Natural History Society. Last Fall, I attended the 2018 Youth Summit for Biodiversity and Environmental Leadership. In the future, I hope to pursue a career in paleontology. This is my first time attending the CWSF! My inspiration for this project comes from my love for Paleontology, and my large collection of fossils. Over the past few years, I have observed different fossil species are found in different areas of Ottawa. This project was developed to explore the reasoning behind this observation. In the future, I plan to sample more comprehensively the rock formations of the Ottawa area to further understand how geologic processes affect fossilization and species representation. I would advise students thinking about doing a project to follow their passions, try their best, and be original!

Prix

Valeur

Prix d'excellence - Intermédiaire - Médaille d'argent Commanditaire: Sciences jeunesse Canada	
Bourse d'études de Western University Médaille d'argent - Bourse d'admission de 2 000 \$ Commanditaire: Université Western	2 000,00 \$
Total	2 000,00 \$