



VIRTUAL DUNE EDUCATION & TOUR

Learning Subject: SAND DUNE HABITAT, BIODIVERSITY & ECOSYSTEM

Every year over one thousand students at all levels, including members of youth organizations in Ottawa-Carleton, come to the Pinhey Sand Dunes located in the National Capital Greenbelt to participate in Biodiversity Conservancy International's Onsite Interactive Education Program on the unique dune habitat, biodiversity, ecosystem and dune geology. Transportation to the dune sites and onsite facilities is provided by our sponsors listed below. **During the COVID 19 pandemic**, Biodiversity Conservancy International is providing a Virtual Dune Education Program (*Free*). Participants will have the opportunity to observe and learn through videos, macrophotos and graphics of dune organisms and dune scenes. The virtual session is conducted with BCI scientists who will guide, narrate, explain and answer questions. The interactivity between participants & scientists during the session will provide a sense of direct dune experience.



This composite image created to simulate the likely appearance of the embryonic stage of the Pinhey Sand Dunes on the shore of the Champlain Sea 9,000 years ago (or before present [BP]).



A restored part of the Pinhey Sand Dunes (Dunes 2) in the Summer of 2020.

Sample of Dune
BIODIVERSITY



Ghost Tiger Beetle



Assassin Fly



Beach Wolf Spider



Velvet Ant

Did you know?

1. There are sand dunes in Canada's Capital.
2. These dunes were formed ~9,000 BP and recently have been restored from densely planted pine forests, known as the Pinhey Sand Dunes (PSD).
3. The PSD biodiversity and ecosystem are unique, consisting of groups of plants and animals (mostly invertebrates) that have lived and thrived in the extreme environment of PSD for thousands of years.
4. The highest temperature recorded on the PSD sand is a skin scorching 72.5° C.
5. The PSD are a sanctuary for butterflies and other pollinators.
6. The PSD have been recognized as a geoheritage site in Ottawa Gatineau.

Website: <http://www.biodiversityconservancy.org>

Duration: Format A: 1 hour; Format B: 1 hour 30 minutes

REGISTER TO PARTICIPATE

School/Organization	
Teacher/Leader/Tel.	
Format A or B?	
Suitable Date & Time	

Fill out & Save, then Email to: info@biodiversityconservancy.org

