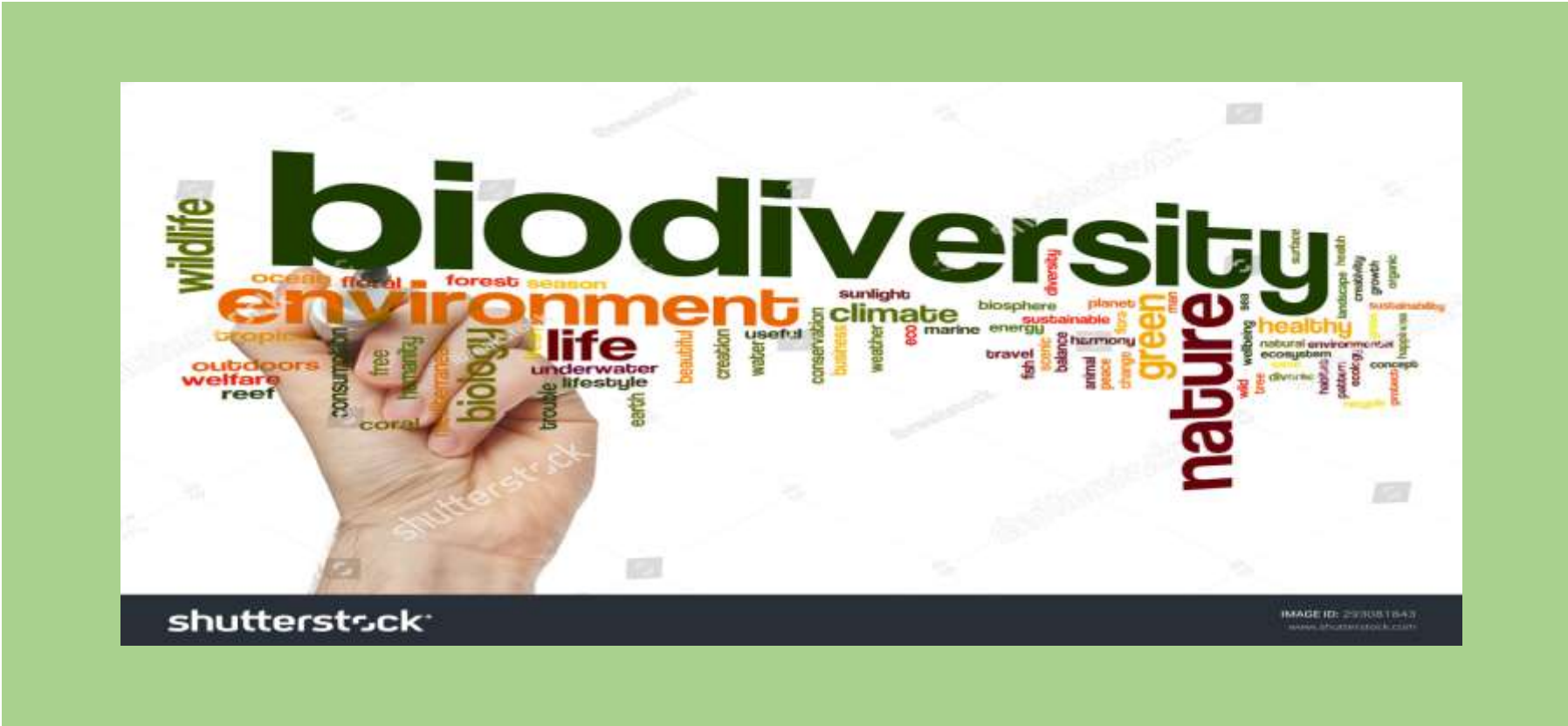


Science Literacy Week: September 21-27, 2020

Nikola Tesla Historical Society of Alberta (NTHSA)





Alberta's Tesla Wave

NIKOLA TESLA HISTORICAL SOCIETY OF ALBERTA



Using Drones for Biodiversity monitoring
From nеспthreatenedspecies.edu.au

Prepared for The Nikola Tesla Historical Society of Alberta (NTHSA)

by Lydia Emanuel and Lillian Beltaos

Growing Your Own Food at Home

Reducing carbon foot print



Besides promoting the legacy and discoveries of the eminent scientist, Nikola Tesla, the NTHSA's mission is also to encourage a culture of curiosity and scientific learning that will lead to discoveries that improve our quality of life.

For this year's Biodiversity theme, we connected with Dr. Karen Tanino and M.P.M. Nair who developed a technique for growing food on the windowsill under low light conditions.

**Low Light Tolerant, year-round indoor windowsill plants
for food, health & environmental sustainability**



First Canadian Lemon

'First Canadian' lemon



Canadian Plant Breeder's Rights
granted May-19-2017

US Patent Approved 2019



'First Canadian Golden' lime

Canadian Plant Breeder's Rights application
granted May-19-2017
US Patent Approved 2019



Some of the vegetables produced indoors

Some of the vegetables produced Indoors on the Windowsill





LLT Tomato

"Low Light
Tolerant"
(LLT)



Beautiful
Amaranthus
...cooked like
spinach.

For more information,
contact
lltplants@outlook.com
or
karen.tanino@usask.ca

**Mr. M. P. M. Nair is a
Computer Hardware
Engineer and a Master
Gardener**



**Dr. K. Tanino is a Professor
in the Plant Sciences
Department of the
University of
Saskatchewan**





“...That we can subsist on plant food and perform our work even to advantage is not a theory, but a well demonstrated fact ...There is no doubt that some plant food, such as oatmeal, is more economical than meat, and superior to it in regard to both mechanical and mental performance...”

It turns out that being able to grow our own plants at home relates particularly well to Tesla's largely vegetarian lifestyle. He preferred consuming plants and grains over meat and had a repertoire of vegetable dishes he recommended for long life. Although he was born 164 years ago (and died in 1943) many of his ideas, like his inventions and discoveries, were in many ways ahead of his time as he sought ways to leave a positive imprint on the planet.

Photo and partial quote from reddit: i.imgur.com/1IsDmz...

Lakeland College, Vermillion, Alberta

The NTHSA partners with Lakeland College to confer the Nikola Tesla Innovation Award in Higher Education to a graduate of the Bachelor of Applied Science in Environmental Management.

**Watch the video of the new lab, narrated by
Laboratory Technician Marie Morrill**

https://drive.google.com/file/d/1me8deTzf_mVH6tj4_7ZHAb98PI6J9zWX/view?usp=sharing



PROGRAMS & COURSES

- Bachelor of Applied Science in Environmental Management
- Applied Environmental Sciences
- Conservation & Restoration Ecology (CARE)
- Environmental Conservation & Reclamation
- Water Conservation & Management
- Wildlife & Fisheries Conservation
- Renewable Energy & Conservation (Certificate/Diploma)



2019 Recipient

of

Nikola Tesla Innovation Award

Ms. Tara Voogd

award presented by Ms. Marie Morrill,
NTHSA and Lakeland College Staff Member

The first recipient of the Award was Ms. Tara Voogd for her research into aquatic invasive species in Strathcona County, AB.

For additional information on the program and interviews with graduates, including Ms. Voogd, visit the link at:

<https://www.lakelandcollege.ca/feature-stories/environmental-sciences/2019Conference-on-Enviro-Management-winners.aspx>



Nikola Tesla, Green Energy and Biodiversity

- According to author John F. Wasik,¹ Tesla supported hydro, geothermal and solar power more than 100 years ago. He also envisioned wireless power, and his genius in bringing robotics, radio and AC power to the world revolutionized life in the 20th century.
- Today we still marvel at his accomplishments in harnessing the power of Niagara Falls, and his name is also on the ubiquitous Tesla electric car.

- Tesla was conscious of humanity's impact on the planet, and his discoveries are especially important in applications pertaining to the management of fossil fuels, climate change and automation.
- Drone technology developed by Tesla is capable of monitoring the health of various ecosystems at arm's length, while radio transmitters help scientists follow wildlife and animal migrations across the globe.

¹ Market Watch. April 8, 2017: Why We Need Nikola Tesla to fight climate change , by John F. Wasik

Reading and Learning About Science

Here are some favorites recommended by our Tesla science fans

book plate photos from Nikola Tesla Books, Amazon.com.

