



FRIDAY, NOVEMBER 3, 2023

Toronto Botanical Garden

URS 2023 Thank You























NATURE

STEWARDS









GROVE COLLECTIVE





Toronto Botanical Garden Urban Ravine Symposium: Unravelling the Question of 'How'

Friday, November 3, 2023 Agenda

8:00–9:00 a.m.	Registration, displays, and light refreshments
9:00–9:25 a.m.	TBG Land Acknowledgement, Natalie Harder, TBG Director of Learning Indigenous Opening, Elder Cat Criger (Haudenosaunee), traditional Indigenous teacher and philosopher Welcome, MC, Alison Kenn, TBG Director of Development
9:25–10:25 a.m.	Returning Home Carolynne Crawley, Msit No'kmaq
10:25–10:40 a.m.	Wellness Break
10:40–11:40 a.m.	Living Near is Not the Same As Having Access Jacqueline L. Scott, <u>Black Outdoors</u>
11:40–12:35 p.m.	Toronto's Ravines: A Green Legacy Connecting Past, Present, and Future Danijela Puric-Mladenovic, <u>University of Toronto</u>
12:35–1:50 p.m.	Lunch, Displays, Library Talks
1:50–2:00 p.m.	Registry of Action, Stephanie Jutila, TBG Executive Director
2:00–3:45 p.m.	Roots in the Ravines: Stories of Community Engagement and Ecological Stewardship Wendy Strickland, City of Toronto Courtney Cudmore, TRCA Ayesha Talreja, Park People Mac Rogers, Evergreen
	Panel Discussion with Community Leaders Doreen Malapitan, TRCA Ravine Youth Team Ima Esin, STEPS Monika Chopra, Park People Sam Chen Xing Yu, TRCA Ravine Youth Team
3:45– 4:00 p.m.	Thank You , Stephanie Jutila, TBG Executive Director Indigenous Closing , Elder Cat Criger (Haudenosaunee), traditional Indigenous teacher and philosopher
4:00–5:30 p.m.	Social, Ravine Tours

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ROOTED BEAUTY: CULTIVATING NATIVE RAVINE WILDFLOWERS

A collection of beautiful, large-scale, paper sculptures of native wildflowers found in ravine ecosystems was meticulously interpreted by Toronto based sculptor, Nancy Lalicon, and invites viewers to deeply admire and contemplate the many meanings of these plants.

Among the featured species are wild bergamot (Monarda fistulosa), asters (Symphyotrichum novae-angliae), and Blazing Stars (Liatris spicata) - the latter not to be confused with the invasive purple loosestrife (Lythrum salicaria). Notably, the inclusion of the roots, particularly the striking corm of the Liatris, serves as a poignant reminder of the profound interconnectedness between these plants and their natural terrain. Join us in celebrating the resilience and beauty of native wildflowers and embrace the call to foster sustainable gardening practices that honour and protect the vital roots of our natural heritage by nurturing local ecosystems.



Nancy Lalicon, Sculptor

Nancy Lalicon is a multi-media sculptor specialized in making botanically accurate paper flowers and plants, and in facilitating workshops for community art organizations and local groups around Toronto and the GTA. From Peonies to Jupiter's Beard to the Blazing Star, Nancy has mastered the intricate art of creating environmentally friendly paper replicas; a modern day, three dimensional take on botanical drawing.

Trained in fine arts at the University of Victoria and the Emily Carr College of Art in BC, she received an MFA from Concordia University, Montreal. Nancy lives in East Toronto with a large family who lovingly tolerate all her studio hours and mountains of flowers and roots.

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Indigenous Opening and Closing

ELDER MARK 'CAT' CRIGER

Cat Criger is an Indigenous Traditional Teacher, Knowledge Keeper and Philosopher. He is from the Cayuga Nation, Turtle Clan, as well as having German and English ancestry. Cat was taught traditional ceremonies, teachings, circles, counselling, healing and plant medicines, Indigenous philosophies and pedagogies by an Anishnawbe Elder. He uses these gifts to help all people.

Cat has worked as an Elder and advisor for many Agencies, Government Ministries, Non-Profit Organizations and Corporations. He is retired from the University of Toronto, where he last held the position of Indigenous Advisor within the offices of Equity, Diversity and Inclusion, at the Mississauga Campus.

He remains active as a guest speaker, lecturer and consultant in curriculum development, cultural competency, and Indigenous perspectives on wellness. Cat is part of Peel Police's Indigenous Circle and Chief's Resource Council.



URS 2023

Keynote Speaker

CAROLYNNE CRAWLEY: RETURNING HOME

At one point in time all our Ancestors were in a deeper and more meaningful relationship with the Earth that was culturally specific to where they were located. But throughout history people have been violently separated from that relationship. Today many Indigenous peoples around the Earth are still engaged in a respectful and reciprocal relationship. Carolynne Crawley from Msit No'kmaq and Turtle Protectors creates opportunities for people to reflect and return home to that relationship. She will speak of the multiple possibilities to connect with the ravine systems in Toronto to create a sense of belonging along with understanding ones' individual and our collective responsibility to reconcile with these areas through our language and actions.

Carolynne Crawley, founder of Msit No'kmaq, is Mi'kmaw, Black, and Irish. She is from Mi'kma'ki territory, also known today as Nova Scotia. But Tkaronto has been her home since a young child. She is dedicated to social and environmental justice and supporting Indigenous led community work related to Indigenous food ways and food security. Carolynne is passionate about reconnecting people with the land, waters, and all beings as there is no separation between us. Carolynne leads workshops for the public and the private sector which support the development and strengthening of healthy and reciprocal relationships based upon Indigenous knowledges that Indigenize existing interactions with the land and by deconstructing colonial and capitalistic thoughts, language, and actions.

Carolynne is one of the founders of Turtle Protectors, a new initiative led by Indigenous Elders and community members to advocate, protect, and support turtle relations and their kin in High Park. She is also a certified Forest, Blanket Exercise Facilitator, a Holistic Nutritionist, Storyteller, a Co-Producer of the documentary Reckoning with the Wendigo, and a member of the Indigenous Land Stewardship Circle. Carolynne has built school food gardens and has worked in food security for twelve years. Previously, Carolynne worked as a Child & Youth Worker for twenty years. She can be found speaking at events that center around social, food, and environmental justice.

URS 2023

Keynote Speaker

JACQUELINE L. SCOTT: LIVING NEAR IS NOT THE SAME AS HAVING ACCESS

The ravines are there, are free, and most are easy to reach by public transit. There are ravines near where most Black and other people of colour live in Toronto. However, who has access to the ravines is more complicated than simply living close to them. The presentation explores how race, power and privilege shapes who has access to the ravines. It includes tips on how to work with Black communities to increase their sense of belonging and connection to nature in the ravines.

Jacqueline L. Scott is a PhD candidate at the University of Toronto, OISE, in the Department of Social Justice Education. She is a fellow at the <u>Safina Center</u>. She volunteers as a land steward, and as a hike and bike leader with outdoor clubs. Jacqueline leads <u>Black History Walks</u> in Toronto. Black Outdoors is a blog about her academic journey and outdoor adventures. She enjoys hiking, canoeing, cycling, and skiing. These things make her happy. A PhD was the perfect way to combine her love of the outdoors and get out of her mid-life funk. Her research is on the perception of the wilderness in the Black imagination. In other words, how to make the outdoors a more welcoming and inviting space for Black people. It is part of a larger research project on the links between race and nature. She is the author of travel and adventure books, from a Black perspective, 50 Places: A Black History Travel Guide of London, Heartbeats in Africa: A memoir of travel and love, and Sailing on a Half Moon.



URS 2023

Keynote Speaker

DANIJELA PURIC-MLADENOVIC: TORONTO'S RAVINES: A GREEN LEGACY CONNECTING PAST, PRESENT, AND FUTURE

Toronto is one of a few cities blessed with an extensive system of natural areas. Toronto's ravines symbolize the link with the lost landscape and forests, and yet they are the green pillars of today's and future cities. They are mosaics of the remnant vegetation, secondary and novel vegetation established on agricultural or degraded lands. Each ravine's patch, stand, or plant reminds us of what has been lost, our impacts on land and vegetation, what we could have, and what we could lose. Plant communities, species composition, and structure of Toronto ravines are indicators of change and reflections of historical and present influences and our individual impacts.

The importance and biodiversity values of Toronto's ravines will only grow with increasing urban-induced and environmental pressure around and within them. Monitoring plays a pivotal role in safeguarding the conservation and restoration of this delicate vegetation. By systematically observing changes within these ecosystems, we acquire essential insights that guide the conservation, restoration, management, and stewardship of this fragile and fragmented vegetation.

Danijela Puric-Mladenovic is an assistant professor at the University of Toronto's Faculty of Forestry. Her research and professional work focus on forests in settled and urban landscapes. Her work and research are aimed at providing real-world solutions and tools that support strategic conservation, restoration and integrated spatial planning of green systems, vegetation and forests in urban, peri-urban, ex-urban and rural/agricultural landscapes and their interfaces.



URS 2023

Roots in the Ravines: Stories of Community Engagement and Ecological Stewardship

Get inspired by the work happening in Toronto's ravines.

Representatives from City of Toronto, Park People, Evergreen and Toronto and Region Conservation Authority will introduce some of the incredible initiatives in the ravines followed by an inspiring panel discussion featuring passionate community members who have dedicated their time and efforts to support Toronto's ravine revitalization movement. Discover the personal journeys, motivations, and transformative experiences of these individuals as they share their stories of connecting with nature, fostering community bonds, and working towards the preservation and enhancement of Toronto's invaluable ravine ecosystems.

WENDY STRICKLAND, MFC

City of Toronto

Now the Project Manager for Toronto's Ravine Strategy, Wendy has spent almost two decades working to engage community members, partners and other stakeholders in learning about, improving and protecting these special natural areas in Toronto. She holds a degree in Botany and Environmental Science and a Masters of Forest Conservation focusing on Urban Forestry, both from the University of Toronto.

COURTNEY CUDMORE

Program Manager, Education and School Services, TRCA

Having completed her Master of Teaching, Courtney finds herself eternally grateful to have spent over a decade at TRCA in the Education and Training Division. She has had the pleasure of working with a wide range of audiences, learners and passionate conservation professionals on a variety of programs in that time. Getting people outside, inviting them to connect with nature in a way that makes sense for them and building stewards for our exceptional blue and green spaces in the region is what excites her about the programs and people she works with!

URS 2023

Roots in the Ravines: Stories of Community Engagement and Ecological Stewardship

AYESHA TALREJA

Park People

Ayesha is a program coordinator of the Sparking Change program at Park People, where she supports community groups to activate their local parks and greenspaces. She grew up in the West End of Toronto and studied International Development Studies at McGill University. She has been very involved in many local community initiatives, including affordable housing and mutual aid work. She recently spent two years teaching in Mumbai, working with children of migrant labourers. She is passionate about issues of access to resources, equity and justice.



MAC ROGERS

Evergreen

Mac Rogers is a Program Officer at Evergreen where he supports education and engagement programs that connect people to the natural world around them. He has a passion for solving complex issues to support community, creativity, and well-being. Skilled in design-thinking and collaboration, he brings extensive experience in operations management, customer service, program design and facilitation. Mac holds degrees in Economics, Music, and Environmental Studies and loves connecting with people who share a love for arts, education, nature, and community.

IMA ESIN

Cultural Planner at STEPS Public Art & Co-Founder of Marleeville Collective

Ima (she/her) is an urban wanderer and collector of stories. She leads the development and delivery of STEPS' community-engaged cultural planning services and supports community consultation across the organizational portfolio. Her personal community work through Marleeville Collective focuses on land-based activities, from connecting to public greenspaces, eco-arts, and urban agriculture. Ima is passionate about vibrant and resilient urban spaces that reflect the histories, cultures, and experiences of local communities. She holds an accredited planning degree from Toronto Metropolitan University.



URS 2023

Roots in the Ravines: Stories of Community Engagement and Ecological Stewardship

MONIKA CHOPRA

Coordinator: Markbrook Residents Group

As a meditative soul, Monika Chopra holds a firm belief in astrology meditation and other practices such as breathwork, yoga and gardening. Her profound love towards Mother nature developed due to the naturally beautiful and mesmerizing surroundings of her hometown in Punjab, India. The curiosity of oneness developed in early years and since childhood she started exploring mantras and other mindfulness practices to calm her 'monkey' mind and to connect with the source for inspiration, self-awareness and personal growth. As a proactive community leader, Monika seeks opportunities to address challenges in specific areas such as mental fitness, to connect with nature, to gain insight, and to enhance serene landscapes in her neighbourhood.



SAM CHEN

TRCA Ravine Youth Team

Xingyu (Sam) Chen is a recent graduate of the University of Toronto with a double major in Ecology and Conservation Biology. Sam is keenly interested in aquatic ecosystems. Having grown up in densely populated Beijing, China. Sam developed a curiosity for the green and blue spaces that were seemingly scarce, and this led him to become the nature-based professional he is today. Sam is enthusiastically pursuing a career in aquatic conservation now that he has graduated and his experiences to date have prepared him to be a lead entry-level candidate in the field.

DOREEN MALAPITAN

TRCA Ravine Youth Team

Doreen is a nature lover and Parks Program Officer at the City of Toronto. She holds an Honours Bachelor of Science in Biology and Environmental Science with a Minor in GIS. Before joining the City of Toronto, Doreen worked at Environment and Climate Change Canada studying algal blooms, then joined the Ravine Youth Team at the TRCA gaining experience in community stewardship and protection of natural spaces. She then worked at LEAF with the Residential Planting Programs. In her current role as a Parks Program Officer, Doreen facilitates community programs and engages with volunteers regarding environmental education.

URS 2023

Library Talks

HOW TO TILT AT WINDMILLS: RESISTING CLIMATE DESPAIR IN COMMUNITY EFFORTS AT INVASIVE PLANT CONTROL

Olivia Dziwak, Evergreen Brick Works

How do we talk about invasive species without getting overwhelmed? How do we communicate the severity of the problem to volunteers without convincing them the task is impossible? These are some of the big questions I have faced in my first year as the Urban Ecology Lead at the Evergreen Brick Works. Using these questions as a springboard, a few invasive plant control projects, I will discuss the success and failures of my team's messaging around invasive species on our site. My hope is this presentation will spark input and story sharing from other urban stewardship organizations.

IMPLICIT CHOREOGRAPHIES & RELATIONAL TOPOGRAPHIES

Parker Kay and Chris Mendoza, Pumice Raft

In the summer/fall of 2022 we organized a program which facilitated moments of experiential learning within the lower Don River Valley. We held nine events that included gatherings, walks, performances, and discussions lead by 20 artists, researchers, and writers such as: Maria Hupfield, Jennifer Bonnell, the Toronto Field Naturalists, and The Mycological Society of Toronto. Open to the public, we hosted over 250 participants to attune to the layered depths and richness of place that makes up the ravine and river ecology. We will present both a summary of the program and our methodology: we will examine how an arts-based approach to accessing and caring for Toronto's ravines can help to build deeper relations to these essential places in the city, engendering a greater sense of ecological responsibility. In organizing this program, we endeavoured to preserve the qualitative experience of the ravines both through the in-person events as well as in their retelling after the fact through audio, creative writing, video and photos. We will extend this multi-sensory methodology to both highlight the successes of our program as well as communicate the benefits of arts-based and experiential learning. For us the "How" is a belief in the capacity of the artistic experience to generate meaningful connections across sectors to foster greater engagement and connection to the earth.

URS 2023

Library Talks

CELTIC MUSICAL CONVERSATIONS WITH TORONTO'S RAVINES

Matthew Tran-Adams

Growing up in Niagara Falls, my teenage years were filled with hikes along the Niagara gorge, fostering a profound connection to the natural world. Arriving in Toronto in 2000, I found new places to connect with water and nature at the Humber River and Toronto Island. When Covid emerged, I sought the solace of the water closer to my apartment in downtown Toronto. I had heard from Indigenous peoples in Toronto that there were many rivers and creeks—some like Taddle Creek had been buried. I decided to turn to Google maps which unveiled the city's hidden ravines, awakening my curiosity. As an Irish traditional musician, I embarked on a quest, taking my Irish flute to the ravines to practice my traditional tunes, discovering a harmonious companionship between my tunes and the ravines' spirits. However, nature seemed to beckon me to take my creativity further, inspiring new compositions that paid homage to the flowing waters and frogs. Rooted by my Irish heritage and guided by Indigenous teachings on building connection with land, I hope to inspire others to embrace these harmonies, cultivating a culture of listening, learning, and responsive harmony.

COTTONWOOD FLATS, A PARTNERSHIP SUCCESS STORY

Lynn Miller, Emily Heidendahl

Cottonwood Flats represents a unique partnership approach to ravine restoration as the site is co-managed by the City of Toronto's Urban Forestry division and the volunteer-run non-profit group Toronto Field Naturalists (TFN) under the City's Community Stewardship Program (CSP). Cottonwood Flats is a post-industrial site that was restored by the City of Toronto, with help from volunteers, into meadow and successional habitat (2010), and wetland ponds (2020). Like many urban ravine sites, it is threatened by highly invasive species such as common buckthorn, dog-strangling vine, and Japanese knotweed. To promote a healthier ravine habitat, TFN, in partnership with the City, regularly assesses the site's biodiversity as part of the muti-year Cottonwood Flats Monitoring Project. Monitoring data is subsequently used by the City and TFN's Lead Stewards to form detailed yearly stewardship plans that include planning, herbicide application, and invasive species removal. This data-driven method of stewardship offers a number of take-aways that may be helpful to other Toronto ravine restoration projects. The copresenters will share both City of Toronto and TFN perspectives on what keeps the partnership clicking.

URS 2023 Displays

Visit these displays in the Floral Hall for a chat, to learn more about current research, art in the ravines, volunteerism, and community advocacy.

WARDEN WOODS RAVINE

Shah Mohiuddin, Toronto Nature Stewards Volunteer

Ravines are geological formations and landscapes, with deep, narrow valleys relatively steep sides with gradients between 20% to 70%. They are used to mask grey infrastructures, utilities, and sewer lines, to filter and transport storm water, enhance ecology and biodiversity, and to educe urban heat. The Warden Woods (WWR), 74, Firvalley Court, is designated an Ecologically Significant Area (ESA). It has tall and dense trees, many birds and animals, and glacial rocks deposits. Water flows through Taylor-Massey Creek and past the well maintained Gus Harris Trails. As a walking leader and ravine champion, I lead diverse communities on visits to WWR to enjoy its natural beauties, calm and quiet environment and take in the fresh, clean and healthy air. We educate communities on how to protect and restore the ravine from destruction and damage. As a Toronto Nature Stewards volunteer, I also clear invasive plants and as a gardener I grow fresh, green and healthy vegetables, herbs, flowers at the top hill of WWR.

DANCING WITH TREES

Grove Collective: Terril Maguire, Julia Aplin

Our vision is to combine music, movement, and visual elements that serve as a testament to our respect and love for the natural world, with an intention to educate and enchant both audiences and participating artists. We hope to work in consort with the natural environment, creating a visually compelling and emotionally moving performance. We strive to engage and amplify the magic of the forest without causing harm or lasting deleterious change. Through our artistic practices we aim to transform our perceptions of the trees while revealing what is already there. We have gathered a group of diverse collaborators, in age, discipline, and cultural backgrounds for current and future projects. We are particularly interested in working within specific communities, with participants of all stripes. We aim to be as inclusive as possible, and that includes reaching out to those who may not have easy access to experiences of moving in nature.

URS 2023 Displays

CASTING RIPPLES: THE POTENTIAL OF WATERSHED-BASED CIVIC ASSEMBLIES

Natalija Vojno, Our Future First

A place-based, watershed-informed, circle dialogue process is explored as a social technology for civic sense-making. New practices of commoning cities and civic spaces are emerging globally to guide design from the collective imagination of diverse members of the community. The simplicity and wholeness of a circle serve as both metaphor and a container for a micro-agora in which local stories are entangled and integrated. By considering the ecosystem and reflecting on their embodied knowledge of it, participants are invited to be part of the system seeing itself through uncertainty into a desired future.

LORRAINE JOHNSTON

Writer, editor, community advocate, and cultivation activist

The author of numerous books on growing native plants, gardening for pollinators, restoring habitat, and producing food in cities, Lorraine's work focuses on people and communities growing plants, ecological health, and connection to nature and to each other. Through her books, articles and community projects, she strives to advance the understanding that everything and everyone is connected and that, through our actions, we all have a role to play in making this world a better place for all life. She's a bit earnest, but, she hopes, in a good way.

TORONTO MASTER GARDENERS (TMG)

A volunteer not-for-profit organization that shares current, science-based horticultural information with the gardening public through various channels, including in person, in print, through the media, and online. Our committed volunteers, support and inspire the community, and continually update the sound knowledge required to help them.

TORONTO NATURE STEWARDS (TNS)

With the agreement of the City of Toronto Urban Forestry Division, TNS stewards support the ecological restoration of ravines and natural areas by picking up litter, removing invasive plants, planting native species, and monitoring the ecological impact of stewardship activities. We meet as small groups of stewards led by trained Lead Stewards, to care for a piece of land within Toronto's ravines and natural areas. Each stewardship site has been approved by the City of Toronto and each group is committed to stewarding their site for a period of years.



Toronto Ravines Bibliography

The Etobicoke Creek, Mimico Creek, Humber River, Don River, Highland Creek, and the Rouge River are the waterways that dominate Toronto's landscape. The ravines carved out by these rivers, cover 17 per cent or 11, 000 hectares of the City. This bibliography is a living document and has been compiled with the goal of sharing up-to-date and key resources on these ravines.

Trellis Articles (Toronto Botanical Garden publication)

Ramping up the focus on ravines. (2019). Trellis, Fall (48), 8–9.

Birds of the Ravine and Beyond. (2020). Trellis. Early Spring (49).12-13.

Seeding the Future (2020). Trellis. Late Spring (49) 5-7.

Ravine Inventory. (2021) Trellis. Winter (50). 9-11.

Invasive Plants in the Ravine (2021). Trellis. Summer (50). 12-14.

Seeding the Future (2021). Trellis. Fall (50) 24-25.

Expansion Update (2022). Trellis. Summer (51). 5-7.

Books and Print Publications

City of Toronto. (n.d.). A property owner's guide to healthy ravines. City of Toronto.

A Property Owner's Guide to Healthy Ravines (toronto.ca)

Maciejewski, A., Lebrecht, S., Grady, W., & Mrozicka, T. (1997). Toronto Parks. Klotzek Press

North, A. (2018). Ravine re-create: Design ideas for Toronto's ravines. University of Toronto, John H. Daniels Faculty of Architecture, Landscape, and Design.

Palassio, C. & Reeves, W. (2008). HTO: Toronto's Water from Lake Iroquois to Lost Rivers to Low-flow Toilets. Coach House Books, Toronto.

Ramsay-Brown, J. (2020). Toronto's Ravines and Urban Forests: their natural heritage and local history. James Lorimer & Company Ltd. Publishers, Toronto.

Wilcox, A., Palassio, C., & Dovercourt, J. (2007). Greentopia: Towards a sustainable Toronto (Vol. Three). Coach House Books, Toronto.

Select Ravine Surveys

Burch, S., & Popov, V. (1970). An Ecological Field Guide to Wilket Creek Park. Municipality of Metropolitan Toronto.

Davies, Eric, Anqi Dong, Catherine Berka, Paul Scrivener, Dale Taylor, Sandy M. Smith. (2018). The Toronto Ravines Study: 1977-2017. Faculty of Forestry, University of Toronto.

Herzberg, L., & Juhola, H. (1987). Todmorden Mills: A human and natural history. Toronto Field Naturalists.

Toronto Field Naturalists. (1977). A guide to the Jim Baillie Nature Reserve.

Toronto Field Naturalists. (1974). Brookbanks Ravine.

Toronto Field Naturalists. (1975). Chapman Creek Ravine.

Toronto Field Naturalists. (1973). Chatsworth Park Ravine.

Toronto Field Naturalists. (1976). Taylor Creek-Woodbine Bridge Ravines.



Toronto Field Naturalists. (1976). The Park Drive Ravine. Toronto Field Naturalists. (1978). West Don River Valley. Toronto Field Naturalists. (1975). Wigmore Park Ravine. Toronto Field Naturalists. (1992). Toronto the Green.

Online Scholarly Publications

Biru, T. (2022). <u>Advancing Corporate Stewardship on Ravine Land- A Case Study of Sanofi Pasteur in</u> Toronto.pdf (utoronto.ca)

Davies E. et al. (2018). The Toronto Ravines Study: 1977-2017: Long-term Changes in the Biodiversity and Ecological Integrity of Toronto's Ravines.pdf trrs-final report 19 july 2018.pdf (utoronto.ca)

McMullin, R.T., Cadranel, C., Drotos, K., Maloles, J.R., Skuza, J.T., and Wegenschimmel, C.A. (2022).

<u>Lichens-and-Allied-Fungi-of-Rouge-National-Urban-Park-in-the-Greater-Toronto-Area-Ontario.pdf (researchgate.net)</u>

Richard, J. (Jack). (2018). An analysis of Toronto's urban ravine policies and the achievement of Ecological Integrity. <u>Microsoft Word - Capstone J Richard.docx (utoronto.ca)</u>

Various (2020). Manual for Stewardship in Public Ravines and Natural Areas

<u>manual_for_stewardship_in_public_ravines_and_natural_areas_-_oct_30_2020_.pdf</u>

(utoronto.ca)

Online Publications

Cecco, L. (2018). <u>'There's no major city like it': Toronto's unique ravine system under threat</u>, The Guardian.

Kao, J. (2022). The elusive urban forest that lies beneath Toronto (nationalgeographic.com)

Kopun, F. (2018). <u>How Toronto's ravines have become critically ill — and how they can be saved</u>, Toronto Star, Toronto.

Naraghi, A. (2019). The urgent fight to save Toronto's ravines from invasive species, Macleans.

Ramsay-Brown, J. and Fu, K. (2021). <u>Opinion: A ravine-land who's who: Take a virtual hike through our urban ecosystems and the threats they face from humans</u> The Globe and Mail, Toronto.

Web Resources:

Biodiversity in the City – City of Toronto

Ravine Strategy – City of Toronto

Ravine Strategy Implementation – City of Toronto

The Changing Attitudes Toward Ravines - Toronto and Region Conservation Authority (TRCA)

<u>Toronto's Ravine Strategy and the Humber Arboretum</u>

Toronto ravine system Facts for Kids (kiddle.co)

Toronto's Ravines | Evergreen

Legislation & Acts

Clean Water Act, 2006, S.O. 2006, c. 22 (ontario.ca)

Conservation Authorities Act, R.S.O. 1990, c. C.27 (ontario.ca)

Planning Act, R.S.O. 1990, c. P.13 (ontario.ca)



Chapter 658 (toronto.ca)

Videos

<u>Discovering Our Natural Heritage: Toronto's Ravines - YouTube</u>

<u>Indigenous Storytelling & Ravine Ecology - InTO the Ravines - Webinar Edited - YouTube</u>

Ravines + Resilience: Toronto's Ravines and Climate Change - YouTube

TO Ravines, With Love: How to build community love for ravines while respecting their limits - YouTube

<u>TOparks Talk: Growing Toronto Parkland - YouTube</u>

Toronto's Ravine Strategy - YouTube

<u>Discovering Birch Trees – Vote for Toronto's Official Tree</u>

<u>Discovering Maple Trees – Vote for Toronto's Official Tree</u>

<u>Discovering Oak Trees – Vote for Toronto's Official Tree</u>

<u>Discovering Pine Trees – Vote for Toronto's Official Tree</u>

Birch Tree Knowledge with Isaac Crosby, Ojibwe of Anderdon

Maple Tree Knowledge with Joce TwoCrows, Great Lakes Métis

Oak Tree Knowledge with Carolyn King, Mississaugas of the Credit First Nation

Pine Tree Knowledge with Elder Whabagoon, Ojibwe, Loon clan Obishikokang/Lac Seul First Nation

2022 LDD Moth Control Presentation

Webinar - Bird Calls: The Avian Orchestra

Webinar - High Park: A Balancing Act

Webinar - Woody Invasives: with the Ontario Invasive Plant Council

Webinar - Herbaceous Invasive Plants with Ontario Invasive Plant Council (OIPC)

Webinar - What's under the bark? – Uncovering Tree Biology

Webinar - Fern-damentals: Introduction to Ferns

Webinar - Spring Birds in the Urban Jungle

Webinar - Fishes of Toronto: The Effects of the Surrounding Landscape on Fish Habitat

Webinar - Soil: The Foundation for Life

Webinar - Winter Tree Identification: Bark Branches and Buds

Webinar - Urban Hawks and the Ontario Breeding Bird Atlas

Webinar - Winter Birds in the Urban Jungle

Webinar - Toronto's Most Notorious Tree Killers