

2022 DONOR RECOGNITION



ISLAND
NATURE
TRUST

islandnaturetrust.ca



INT

An aerial photograph of a river meandering through a lush, green forest. The river is a dark, winding ribbon through the lighter green of the trees. In the upper right, a white silhouette of a bird is in flight. In the center-right, there is a small, 3D-rendered map of a region with a blue line indicating a river path. The text is overlaid on a semi-transparent dark rectangle in the lower-left quadrant.

RIPARIAN NETWORK

In a province with less than 50% forest cover, riparian forests like that in the newly acquired Midgell River Riparian Zone Natural Area play a pivotal role in free movement of wildlife by maintaining ribbon connections between highly fragmented forest stands.

Healthy riparian zones are rich in biodiversity. They filter runoff to provide clean water, control erosion and reduce the amount of sediment entering a body of water. They also manage storm water and control flooding, provide habitat for wildlife and shade to cool the water.

This year, INT eclipsed its goal to acquire a further 1,000 acres of riparian forest and wetland with significant carbon sink capacity. Many of these newly acquired properties lie adjacent to existing natural areas in fortifying our 'corridors of connectivity' objective. (See page 5)

It's hard to believe that a whole year has passed since we last came together to celebrate our accomplishments in land protection. The Board of Directors set a goal of acquiring 1,000 acres in 2021-2022. The result was almost doubled with a total of 1,776 acres put under protection thanks to generous donors and increased support from both the federal and provincial government.

Success breeds success and because of all the generous contributions of the last year, the Trust has been able to position itself as a major partner in land protection, strengthening collaborations between government and non-government conservation organizations.

We asked for help with our protection goals and the response was like none the Trust has ever experienced. It has brought us profound comfort and joy to know that so many others share in our vision, mission, and desired conservation outcomes. We are immensely grateful for the support. Thank you from the Board of Directors at Island Nature Trust.

Gordon MacKay
President



While the world faced another unique year of challenges and uncertainty, the Trust enjoyed another record-breaking year for land protection, all due to the generosity of our partners and donors. You have helped us protect 19 new natural areas, harbouring nearly 1800 acres of ecologically important land. In addition to these important acquisitions, the success we were able to achieve because of donations of cash and land helped us leverage other forms of support and collaboration from government and regional conservation groups.

Operationally we have been able to expand our permanent workforce to better respond to opportunities and manage all the various forms of support we're experiencing. We have been able to increase our engagement with people living and working in the province and were

able to launch our very first province-wide fundraising campaign.

New member registrations, repeat donor activity and first-time donations continue to trend upward. We're proud of what we've been able to accomplish together and excited to continue to build on the momentum you have helped us achieve. On behalf of all the staff at Island Nature Trust, thank you for trusting us with your donations.

Bianca McGregor
Executive
Director



ACHIEVEMENTS 2021-22

784
Individual
Members & cash
donors contributing to
land and species
conservation

\$600K
Saving Our Island
campaign funds
raised for natural
area protection

1776 ACRES
2021-2022

+ 5680 ACRES
1979-2021

60+
Guardians
Stewarding Trust
properties

70+
Natural Areas
Protected in perpetuity

7 Sponsorships
Nurturing mutually
beneficial partnerships
with Island businesses

12
Species Conservation
Species at risk
protected by Trust
programs

19
Land Acquisition
New properties
secured last year
5 Ecological Gift
donations

6000+
Community Engagement
Social media post
interactions, in addition
to participants for
outreach, events and
celebrations



ISLAND
NATURE
TRUST

VISION

To create a legacy of natural areas and wildlife
habitats for future generations.

MISSION

We envision a network of protected natural areas across PEI,
sustained by the love and generosity of Islanders today for the
enjoyment of Islanders and wildlife tomorrow.

IN PROTECTING NATURE, WE ARE PROTECTING OURSELVES

For over forty years INT's 'ask' is a simple but profound one: Help us acquire and protect the natural spaces that sustain our collective wellbeing.

The natural areas INT acquired in 2021-2022 all provide ecosystem services that Islanders depend on to maintain both healthy lives and defend our communities against the effects of climate change:



Cultural

Non-material benefits obtained from ecosystems



Educational



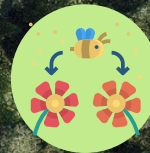
Recreational
& aesthetic



Spiritual &
inspirational

Regulating

Benefits obtained from the regulation of ecosystem processes



Pollination



Pest control



Flood
protection



Water regulation
& purification



Climate regulation &
carbon storage



Erosion
protection &
soil retention



Biomass-
based energy
resources



Provisioning

Products obtained from ecosystems



Food &
medicines



Groundwater supply
& fresh water



Wood &
fibres



Biodiversity



Nutrient
cycling



Soil
formation



Supporting

Services necessary for the production of all other ecosystem services

Thanks to your cash and land donations, you are enabling INT to protect in perpetuity these spaces for the benefit of both wildlife and Islanders.

On the following pages, explore a birds-eye view of the life giving ecosystems and its myriad of services that exist in our newly acquired natural areas.

LANDS SAVED



MATCH A PATCH

In Fall 2021, INT launched its first major public fundraising campaign. Thanks to the cash donations from over 300 Islanders, INT successfully raised \$150,000 – becoming \$600,000 though our matching partners, the Province of PEI, MapleCross Fund and an anonymous benefactor.

Properties marked with the yellow Match A Patch triangle were acquired thanks to funds raised through the campaign.



ECOGIFT DONATIONS

The Ecological Gifts Program is administered by Environment and Climate Change Canada. The program provides Islanders with capital gains tax relief for gifts of ecologically sensitive land.

This project was undertaken with the financial support of:
Ce projet a été réalisé avec l'appui financier de :



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

ECOSYSTEM
LEGEND:
See page 12

1 COOK-ROUSE

Located in the greater Halidimand River Watershed, this property contains several black spruce wetlands with rich understories. This region has been recognized for its high level of biodiversity by the PEI Habitat Conservation Strategy.

Donated by Perry & Sigrid Cook



58 ACRES



2 MOUNT PLEASANT WOODLAND

Consisting of mature mixed-wood forest and wetlands, this property contains ideal habitat for many rare species, including spring ephemerals and black ash.



50 ACRES

3 JEAN & STEWART MACKAY



269 ACRES

This donation consist of mature forest, wetlands, and a rare stand of jack pine. The Canada holly shrub swamp present is ideal for the federally at-risk Canada warbler and other migratory songbirds. Several seeps and swales can be found within the property that feed groundwater into Dalton's Brook.

Donated by the MacKay family



4 ALASKA FOREST

These parcels contain mature mixed wood forest, a beaver dammed marsh, and an open bog. The ecosystems present are ideal for several rare species, including Canada warbler and olive-sided flycatcher. The parcels neighbour several protected properties, including INT's Acadian Marshes - Percival River Salt Marsh Natural Area.



239 ACRES



5 NEBRASKA CREEK RIPARIAN ZONE

This property is an addition to INT's natural areas within the Miscouche bog region, which is known for rare species richness and carbon sequestration potential. Also within the parcel is lowland forest passing through Nebraska Creek and a coastal salt marsh that borders Grand River.

The riparian ecosystems along the river are providing many services to Islanders in the form of flood protection, fresh water, climate regulation and carbon storage.

65 ACRES



6 JENKINS COMPLEX

This property connects to INT's largest natural area, the Jenkins Complex. The new parcel expands on the important native lowland forest and wetland ecosystems that will be protected in perpetuity.

93 ACRES



7 CROWN POINT WJI'KIJEK

MapleCross
Investing in Canada – Investing in Nature

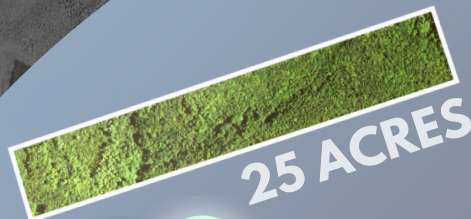


65 ACRES

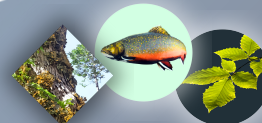


This property is an extension to the existing Crown Point headland acquired in 2020. It hosts coastal Krummholz forest and a freshwater marsh that once connected to Jardines bay. The parcel's edge contains coastal bluffs that supports one of INT's focus species-at-risk, the bank swallow. Crown Point is associated with considerable cultural significance. Wji'kijek translates to "the place where stumps are found."

In addition to funds raised from the Match A Patch campaign, Environment and Climate Change Canada (ECCC) provided financial support to acquire this addition.



25 ACRES



8 WESTMORELAND RIVER

Protecting the west branch of the Westmoreland River in Queens County, this property consists of unploughed, mature upland hardwood. Steep terrain can be found along the river with mature Eastern hemlock and a rich understory.

9 MIDGELL RIVER RIPARIAN ZONE

This is an addition to adjoining protected lands that make up the Martinvale - Corrville Wildlife Management Area. This headwater forest is dominated by mature black spruce, and supports a large number of rare species, including the nationally at-risk Eastern wood pee-wee.

The contiguous forest and wetlands are significant carbon sinks and a natural remedy against the ongoing effects of climate change.

In addition to funds raised from the Match A Patch campaign, ECCC provided financial support to acquire this significant property.

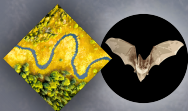
200 ACRES

CO₂



10 MURRAY RIVER HEADWATERS

Consisting of upland and riparian forest, this property contains a tributary of the Murray River that empties into Murray Harbour. There is a peatland following the river and steep areas arising from the water that are dominated by mature forest.



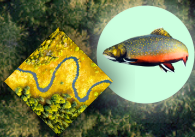
97 ACRES

11 BEAR RIVER RIPARIAN ZONE

This parcel is a great example of a naturally regenerating forest in Kings County. The regrowth of forest stands will support the coldwater section of the Bear River that flows into the Gulf of St. Lawrence.



22 ACRES

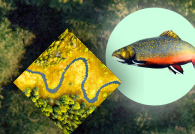


12 NORTH LAKE CREEK RIPARIAN ZONE

This property contains mixedwood forest with several tributaries of North Lake Creek. This waterway hosts a unique genetic stock of Atlantic salmon. Also located within this parcel is a perfect example of mature Acadian upland hardwood forest.



60 ACRES



50 ACRES



13 MAURICE BRUCE FARM

This property contains lowland forest and springs that feed a headwater stream emptying into the Basin Head Marine Protected Area. Acadian (Wabanaki) forest cover will moderate the nutrients and temperature of the water flowing into the nationally protected estuary.

Donated by Joan Bruce



14 FARMINGTON WOODLANDS

Located in a relatively undisturbed area of Eastern PEI, this property consists of a riparian freshwater marsh along the St. Peter's River, with a partially open peatland and lowland forest. This balance of ecosystems is ideal habitat for migratory songbirds, specifically the federally at-risk Canada warbler and olive-sided flycatcher.

Donated by Philip Andrew



15 PROWSE WOODLAND

Comprised of mature, upland hardwood Acadian (Wabanaki) forest, this parcel is an important piece of contiguous forest in upper Kings County. The property sits on the Confederation Trail and contains a diverse understory of ferns, wildflowers, and Canada yew.

8 ACRES



3 ACRES



16 COFFINS SHORE

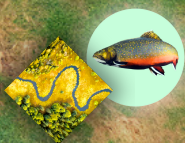
Adjacent to the Canavoy Oaks Natural Area, this small coastal property contains saltmarsh that protects PEI from sea level rise and storms. This property is also a part of a mature red oak forest region that is a main source of acorns for PEI's forest restoration program. Remnants of the old PEI ferry wharf can be found along the water, which opens up into the Gulf of St. Lawrence.

Donated by Gwendolyn O'Brien Reid



17 NAUFRAGE RIVER

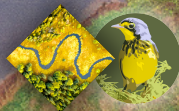
This parcel consists of riparian forested wetland that borders a tributary of the Naufrage River. This river is significant for its populations of Atlantic salmon and brook trout. Many uncommon native wildflowers grow prolifically in the forested river margins.



135 ACRES

18 COW RIVER RIPARIAN ZONE

This property contains several tributaries of the upper Cow River, bordered by mixedwood lowland forest with pocket bogs throughout.



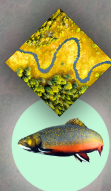
110 ACRES

19 MORELL RIVER RIPARIAN ZONE



These three properties are an addition to the many protected areas along the Morell River. This waterway has been recognized for its ecological and cultural significance, reflected with a 60 meter conservation zone along much of its length. These new parcels are a haven for songbirds and spring ephemerals that lie at the water's edge.

In addition to funds raised from the Match A Patch campaign, ECCC provided financial support to acquire these parcels.



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154 ACRES

PEI ECOSYSTEMS

LEGEND

'Lands Saved': Page 5

The interacting species and ecosystems our conservation lands protect.

COASTAL BLUFFS & SALT MARSH

Offering natural protection from the impact of coastal storms. Home to bank swallow and foraging grounds for countless shorebirds, ducks and geese.

BEACHES & DUNES

Home to the endangered Piping Plover. PEI's marram grass-covered dunes protect coastal communities from PEI's wicked winter nor-'easters while supporting a wealth of coastal wildlife.

RIVERS & RIPARIAN FOREST

PEI's short, multi-branched freshwater systems are natural corridors for wildlife. The groundwater spring-fed streams support important cold water species and many downstream industries.

GRASSLANDS

In PEI, most grasslands form part of a managed agricultural landscape, but they still can support biodiversity, including the endangered bobolink.

FORESTED WETLAND

These peatlands and cedar swamps are some of the most diverse ecosystems in PEI. Home to communities of warblers and other songbirds in the summer. Peatlands contain our carnivorous plants, like sundews and pitcher plants.

UPLAND FOREST

PEI's natural upland forest is called the Maritime Acadian or Wapane' kati Forest. Dominated by hardwood trees like sugar maple, yellow birch and American beech, old growth upland forest in PEI supports trees that are 300+ years old.

ISLANDS

Nearshore islands around the PEI coast are relatively isolated, undisturbed habitat for wildlife. Uncankered beech trees and large red oaks can be found here, along with colonial nesting birds like great blue herons.



CANADA WARBLER

The threats to this iconic threatened bird include land conversion of breeding and nonbreeding habitat. In PEI, they are summer breeders in forested wetlands.



BANK SWALLOW

Burrow nesters in sandstone cliffs, the threats on PEI include loss of nesting habitat from erosion control measures along shorelines and predation of nests by introduced predators like cats, raccoons and skunks.



OLIVE-SIDED FLYCATCHER

Losses of this threatened songbird may relate to loss of habitat on the wintering grounds or declines in their insect prey species.



BATS

The little brown and northern myotis are both endangered due to white-nose syndrome, an introduced fungal disease that causes them to prematurely emerge from hibernation.



BROOK TROUT

A native of PEI also known as speckled trout. Brook trout prefer small spring fed streams and ponds with sand or gravel bottom and vegetation.



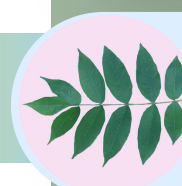
RED OAK

PEI's provincial tree is no longer present in large stands on PEI. Primarily a coastal species, it was extensively cut by early European settlers.



AMERICAN BEECH

A medium-sized tree that grows slowly but can live for 200 years or more. Once common throughout the upland hardwood stands of PEI it has been killed or deformed by the introduced beech canker disease.



BLACK ASH

Black Ash or Wisqog is an important part of Mi'kmaw culture. Flexible, strong and easy to work with the Mi'kmaw have been using it to make tools for hundreds of years.

THANK YOU TO THIS YEAR'S MAJOR PARTNERS & DONORS

Land Donors

Gwendolyn O'Brien Reid
Joan Bruce
Perry & Sigrid Cook

Philip Andrew
The MacKay Family

Partners

Anonymous
CAREWCO Holdings Ltd
Consecon Foundation
Government of Canada
Government of Prince
Edward Island

Echo Foundation
MapleCross Fund
Phillips Feed Service Ltd
The Schad Foundation

Individual Cash Donors

2x Anonymous
Estate of Austin Bradley
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Barbara Loh
Dr. Rosemary Henderson
Dr. Sandra McConkey &
Dr. John Drake

Duncan McNeill
Evelyn Jenkins
Judy Profitt
Leigh Jenkins
Liz & Harry Townsend
Robert McSweeney
Roger Connick
Stephen Hessian



With over 90% of PEI's coastline in private ownership, human use can and does impact on the sharing of coastal resources. The recently acquired Crown Point headland contains a stretch of shoreline with extensive carbon sucking salt marsh wetlands that are also critical resting places for migrating shorebirds and waterfowl moving north to south on the Atlantic Migratory Flyway. The area also hosts Krummholz forests - protecting the coastline from advancing erosion brought on by climate change.

Located close to the urban hubs of Charlottetown and Stratford, this ecological treasure was threatened by population growth and development before Island Nature Trust acquired the western headland in early 2020 and a connecting parcel in 2021.

Nature is our security blanket...

But it's worn out!

Help us repair this patchwork landscape so it can continue protecting you!



Match a Patch

Donate cash so we can acquire natural areas that protect and provide for us all. Your donation will be tripled!



Mend a Patch

Donate cash to our stewardship fund to bolster our conservation efforts.



Add a Patch

Donate land for us to protect it from all future development.



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DONATE TODAY
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