

CONSERVATION AGREEMENT

This Agreement is made as of the 6th day of October, 2023,

BETWEEN:

THE MADAWASKA CLUB OF GO HOME BAY, a corporation incorporated without share capital that is existing under the laws of the Province of Ontario,

(the “**Property Owner**”)

- and –

THE GEORGIAN BAY TRUST FOUNDATION, INC., a corporation without share capital incorporated and existing under the laws of Canada,

(“**GBLT**”).

BACKGROUND:

- A. The Property Owner is the registered owner in fee simple of the lands located in the Township of Georgian Bay, in the District of Muskoka which are legally described in Schedule “A” attached hereto (the “**Club Property**”).
- B. The Club Property, with the exception of a portion of the property comprising PIN 48009-0012 (LT), is currently undeveloped, is maintained by the Property Owner in its natural state and is used by members of the Property Owner and their guests for recreational purposes (the Club Property, excluding that portion of PIN 48009-0012 (LT) described in Schedule “B” attached hereto, hereinafter referred to as the “**Open Lands**” and the area to be excluded from PIN 48009-0012 (LT) hereinafter referred to as the “**Main Dock/Caretaker’s Site Excluded Area**”).
- C. The Property Owner wishes to enhance the protection afforded to the Open Lands by ensuring that they remain undeveloped and by prohibiting or restricting certain activities that may be conducted on the Open Lands, all with a view to maintaining the Natural Values and Features of the Open Lands as they presently exist or as they may naturally evolve over time.
- D. Accordingly, the Property Owner has agreed to grant a conservation easement in favour of GBLT in accordance with the *Conservation Land Act* (Ontario) (the “**Act**”) in order to be bound by the restrictions on development and use of the Open Lands as provided in this Agreement.

E. GBLT is a corporation without share capital established under the laws of Canada for the purpose of acquiring and holding in trust interests in land for the purpose, inter alia, of conserving the eastern shore of Georgian Bay and the North Channel and, GBLT is a “conservation body” for the purposes of the Act and GBLT is a “Certified Recipient of Ecological Gifts” under the Ecological Gifts Program of Canada and is an environmental charity eligible to receive and hold gifts of land or conservation easements under the Canadian Ecological Gifts Program.

NOW THEREFORE this Agreement evidences that in consideration of the covenants and agreements contained in this Agreement and other good and valuable consideration, the parties are entering into this Agreement in order for the Property Owner to grant the conservation easement described herein and agreements set out herein:

Article 1 Interpretation

1.1 **Definitions.** In this Agreement and the schedules attached hereto, unless there is something in the subject matter or context inconsistent therewith, the following terms and expressions shall have the following meanings:

“Access Easement” means the access easement described in Article 5.

“Act” means the *Conservation Land Act* R.S.O. 1990, c. C.28, as amended from time to time and any statute that may be enacted in substitution or replacement thereof.

“Agreement” means this agreement and the schedules attached hereto, as the same may be amended from time to time and, for greater certainty, includes the Access Easement and the Restrictions.

“Authorized Person” means at any time during the Term any person who at such time:

- (i) is a director or officer of the Property Owner;
- (ii) is, in accordance with its by-laws, a member in good standing of the Property Owner;
- (iii) is a person related to a member in good standing of the Property Owner;
- (iv) is a guest of a person described in clause (ii) or (iii) above including persons and members of their families who are at such time renting a residence at Go Home Bay from a member in good standing of the Property Owner; and
- (v) is an invitee of the Property Owner, including any contractor engaged by the Property Owner to perform work on the Open Lands.

“Business Day” means any day other than a Saturday, Sunday, or a day which is a statutory or public holiday in the Province of Ontario.

“Conservation Body” has the meaning ascribed to such term in the Act.

“Conservation Intent” means the intention of the parties as expressed in Section 2.2 of this Agreement.

“Ecological Gift Program” means the Canadian Ecological Gift Program established by the federal government of Canada, administered by the Canadian Wildlife Service of Environment and Climate Change Canada, as such program exists as of the date of this Agreement and as such program may in the future be modified, amended or superseded.

“Good Forestry Practices” means the proper maintenance of harvest, renewal and maintenance activities known to be appropriate for the forest and environmental conditions under which they are being applied and that minimize detriments to (i) significant ecosystems, (ii) wildlife habitat, and (iii) soil and water quality and quantity.

Main Dock/Caretaker’s Site Excluded Area” has the meaning ascribed to such term in paragraph B of the Background above.

“Minister” means the Ontario Minister of Natural Resources, or his or her successor.

“Natural Values and Features” means with respect to the Open Lands, the natural communities of stone, soil, water, plants and wildlife comprising, or living on, the Open Lands. For greater certainty, the Natural Values and Features of the Open Lands include the wetland, interior lake and forest ecosystems constituting the habitat for wildlife that are described in the Report and any amendments and updates thereto, as such community may evolve over time, with minimal interference by human activity.

“Open Lands” has the meaning ascribed to such term in paragraph B of the Background, above.

“Permitted Activities” means activities of a recreational, research and social nature which are (i) permitted by the Property Owner from time to time, (ii) compatible with the Conservation Intent, and (iii) not destructive in a material respect to the Natural Values and Features of the Open Lands. For greater certainty, “Permitted Activities” include those activities described in Article 5.0 of Schedule “D”.

“Permitted Encumbrances” means those charges, encumbrances, liens, mortgages and restrictions set forth in Schedule “E”.

“Person” means any individual, corporation, association, partnership, trust, Conservation Body, governmental authority or other group or entity of any kind whatsoever.

“Report” means the Baseline Documentation Report describing the Open Lands and documenting the Natural Values and Features and current uses of the Open Lands, attached hereto as Schedule “C”, and throughout the Term includes any amendments made to the Report.

“Restrictions” means the restrictions set out in Article 3.0 of Schedule “D” attached hereto, subject to (i) the qualifications and exceptions set forth in Article 4.0 of such Schedule “D” and (ii) the Property Owner’s right to carry on the Permitted Activities.

“Term” means the term of this Agreement, being from and including the date of the Agreement to the 999th anniversary of the date of the Agreement.

“Third Party” any Person who is not a party to this Agreement.

1.2 **Schedules.** The following schedules, which are attached to this Agreement, shall be considered to be part hereof:

Schedule "A"	-	Legal Description of the Open Lands
Schedule "B"	-	Main Dock/Caretaker's Site Excluded Area
Schedule "C"	-	Baseline Report
Schedule "D"	-	Restrictions and Permitted Activities
Schedule "E"	-	Permitted Encumbrances

1.3 Certain Rules of Interpretation. In this Agreement:

- (a) the division of this Agreement into Articles, Sections, Subsections and Schedules are for convenience of reference only. The insertion of headings is also for convenience of reference only and such headings shall not affect the construction or interpretation of this Agreement;
- (b) the expressions "**hereof**", "**herein**", "**hereto**", "**hereunder**", "**hereby**" and similar expressions refer to this Agreement as a whole and not to any particular portion of this Agreement; and
- (c) unless specified otherwise or the context otherwise requires:
 - (i) references in this Agreement to any Article, Section, Subsection or Schedule are references to the Article, Section or Subsection of, or Schedule to, this Agreement.
 - (ii) "**including**" or "**includes**" means "including (or includes) but is not limited to", and shall not be construed to limit any general statement preceding it to the specific or similar items or matters immediately following it;
 - (iii) references in this Agreement to any legislation, statutory instrument or regulation, or any section thereof shall, unless otherwise expressly stated, be deemed to be references to the legislation, statutory instrument, regulation or section as amended, restated, re-enacted or replaced and in effect from time to time; and
 - (iv) words importing the singular include the plural and vice versa, and words importing one gender include all genders.

1.4 Computation of Time. In this Agreement, unless specified otherwise or the context otherwise requires:

- (a) a reference to a period of days is deemed to begin on the first day after the event that started the period and to end at 5:00 p.m. on the last day of the period, but if the last day of the period does not fall on a Business Day, the period ends at 5:00 p.m. on the next succeeding Business Day;
- (b) all references to specific dates mean 5:00 p.m. on the dates;
- (c) all references to specific times shall be references to Toronto time; and

(d) with respect to the calculation of any period of time, references to "**from**" mean "from and excluding" and references to "**to**" or "**until**" mean "to and including".

1.5 **Performance on Business Days.** If any payment is required to be made or other action is required to be taken pursuant to this Agreement on a day which is not a Business Day, then such payment or action is valid if made or taken on or by the next succeeding Business Day.

1.6 **Currency and Payment Obligations.** All dollar amounts or "\$" referred to in this Agreement are stated in Canadian Dollars and any payment contemplated by this Agreement shall be made by certified cheque, bank draft, wire transfer or any other method that provides immediately available funds.

Article 2

Acknowledgements and Statements of Intent and Purpose

2.1 **Acknowledgement of Open Lands History.** GBLT acknowledges that the Property Owner has been the owner of the Open Lands for more than 100 years and that during that time the Property Owner has stewarded the Open Lands in a manner that has allowed Authorized Persons to use the Open Lands for recreational, research and social activities, including the Permitted Activities, while maintaining the Natural Values and Features of the Open Lands.

2.2 **Conservation Intent.** The Property Owner and GBLT have entered into this Agreement for the purpose of maintaining the Natural Values and Features of the Open Lands as they exist as of the commencement of the Term and as they may naturally evolve over time throughout the Term. In furtherance of that intent, the Property Owner has agreed, subject to the qualifications and exceptions set out in Article 4.0 of Schedule "D" attached hereto, to comply with the Restrictions set out in Article 3.0 of Schedule "D" attached hereto in order to preclude any activities that:

- (a) would materially interfere with, damage or destroy the Natural Values or Features of the Open Lands; or
- (b) materially alter the natural processes affecting the Open Lands.

GBLT acknowledges and agrees that it is not the intent of this Agreement to restrict the Property Owner from conducting or engaging in, or permitting Authorized Persons from conducting or engaging in, any activity on the Open Lands that is not expressly restricted or prohibited by the Restrictions provided that such activity:

- (c) would not materially interfere with, damage or destroy the Natural Values or Features of the Open Lands; or
- (d) would not materially alter the natural processes affecting the Open Lands.

2.3 Acknowledgement of GBLT with respect to Conservation Intent. GBLT acknowledges the Conservation Intent. GBLT confirms that it wishes to support the Conservation Intent. GBLT agrees that it will perform its obligation to monitor compliance with this Agreement, and exercise its rights to enforce the terms of this Agreement, in a manner that is consistent with the Conservation Intent.

2.4 Property Owner's Right to Choose Conservation Body. The Property Owner has chosen to enter into this Agreement with GBLT, and GBLT acknowledges that it has been chosen by the Property Owner as the counterparty to this Agreement, because the mission, vision, values and activities of GBLT as they exist as of the date of this Agreement are consistent and compatible with the Conservation Intent. Accordingly, GBLT agrees that if for any reason during the Term GBLT is required or wishes to assign this Agreement and its rights and obligations under this Agreement to another Conservation Body, the Property Owner shall be entitled to approve the Conservation Body to whom this Agreement is assigned by GBLT, provided that the Property Owner shall not withhold its approval to an assignment to a Conservation Body whose mission, vision, values and activities are consistent and compatible with the Conservation Intent. GBLT and the Property Owner acknowledge and agree that in the case of an ecological gift under the Ecological Gift Program any such assignment shall be subject to compliance with the requirements of the Ecological Gift Program, including to the extent so required, the consent of the Minister of Environment and Climate Change (Canada) or his or her successor.

2.5 No Third Party Beneficiaries. The Property Owner and GBLT acknowledge to each other and agree that this Agreement does not, and is not intended to, confer, and shall not be construed as conferring:

- (a) any interest in the Open Lands upon any Person who is a Third Party; or
- (b) any rights (including any third party beneficiary rights) upon any Person who is a Third Party.

For greater certainty, no Third Party shall be entitled to enforce any of the Restrictions. Nothing in this Section 2.5 shall restrict or limit the rights of the Minister under the Act.

2.6 Interpretation of this Agreement. The Property Owner and GBLT agree that this Agreement shall be construed, interpreted, performed and applied so as to give effect to the Conservation Intent.

Article 3

Certain Representations and Warranties

3.1 Representations of the Property Owner. The Property Owner represents and warrants as of the date of this Agreement to GBLT as follows:

- (a) The Property Owner is the legal, registered and beneficial owner of the Open Lands in fee simple with such title free and clear of any charges, encumbrances, liens, mortgages or

restrictions of any kind whatsoever save and except for the Permitted Encumbrances.

- (b) The Property Owner is not bound by any encumbrance or agreement that would prevent or impede its compliance with this Agreement.
- (c) The execution and delivery of this Agreement by the Property Owner has been duly authorized by all corporate proceedings required in order for the Property Owner to execute and deliver this Agreement.
- (d) This Agreement constitutes a legal, valid and binding obligation of the Property Owner.

3.2 Representations of GBLT. GBLT represents and warrants as of the date of this Agreement to the Property Owner as follows:

- (a) GBLT is a Conservation Body within the meaning of the Act.
- (b) GBLT is certified by the Ecological Gifts Program of Canada to receive and hold gifts of conservation lands and conservation easements and GBLT is an eligible conservation charity for the purpose of the Canadian Ecological Gifts Program.
- (c) GBLT is not bound by any encumbrance or agreement that would prevent or impede its compliance with this Agreement.
- (d) The execution and delivery of this Agreement by GBLT has been duly authorized by all corporate and other proceedings required in order for GBLT to execute and deliver this Agreement.
- (e) This Agreement constitute a legal, valid and binding obligation of GBLT.

3.3 Acknowledgements Regarding the Report. The Property Owner and GBLT acknowledge and agree that the Report accurately describes the Natural Values and Features of the Open Lands. The Property Owner represents to GBLT that to the knowledge of the current members of the board of directors of the Property Owner the description in the Report of the historical activities that have taken place on, and the historical uses that have been made of, the Open Lands is an accurate description in all material respects of such activities and uses during the period while the Open Lands have been owned by the Property Owner. GBLT acknowledges that such activities and uses have not materially, adversely impacted the Natural Values and Features of the Open Lands. The Property Owner and GBLT agree that the Report is intended to serve as an objective information base for the current state of the Open Lands and for monitoring compliance with this Agreement.

Article 4 Covenants of the Parties

4.1 Property Owner's Covenant of Compliance. The Property Owner covenants that throughout the Term:

- (a) the Property Owner will abide by the Restrictions;

- (b) the Property Owner will use all reasonable efforts to (i) inform Authorized Persons of the Restrictions and (ii) require Authorized Persons to abide by the Restrictions; and
- (c) the Property Owner will not knowingly authorize any Person to breach any of the Restrictions.

If the board of directors of the Property Owner becomes aware of any Authorized Person or Authorized Persons engaging in, or having engaged in, any activity on the Open Lands which would constitute a breach of the Restrictions, then the Property Owner will in those circumstances:

- (d) promptly notify GBLT of such; and
- (e) to the extent that the Property Owner is able to identify the Authorized Person who is, or the Authorized Persons who are, engaging in, or who has or have engaged in, such activity, take such steps, actions or proceedings which are reasonable in the circumstances having regard to the resources of the Property Owner in order to cause such Authorized Person, or Authorized Persons, to cease such activity and to:
 - (i) rectify or ameliorate the damage to the Natural Values and Features of the Open Lands being caused by, or caused by, such activity, or
 - (ii) to indemnify the Property Owner for the costs incurred by the Property Owner and/or GBLT in order to rectify or ameliorate the damage to the Natural Values and Features of the Open Lands being caused by, or caused by, such activity.

Notwithstanding the foregoing, the Property Owner, by itself or in cooperation with GBLT, may (but shall not be obligated to) undertake such reasonable steps or actions as are necessary or desirable in order to rectify, or ameliorate, to the extent that such rectification or amelioration is reasonably possible, any adverse impact to the Natural Values and Features of the Open Lands which has resulted from the activity of an Authorized Person or Authorized Persons which would, if carried on by the Property Owner, constitute a breach of the Restrictions. Further, if the board of directors of the Property Owner becomes aware of any anticipated breach of the Restrictions by an Authorized Person or Authorized Persons, the Property Owner will promptly notify GBLT of such and by itself, or in cooperation with GBLT, take such steps, actions or proceedings which are reasonable in the circumstances having regard to the resources of the Property Owner to prevent the anticipated breach from occurring.

4.2 GBLT's Covenant of Compliance. Pursuant to the Act, GBLT is a party to this Agreement for the purpose of monitoring and enforcing the Property Owner's compliance with the covenants made by the Property Owner under Section 4.1 of this Agreement. In performing its monitoring obligations, GBLT covenants that throughout the Term:

- (a) GBLT will abide by the Restrictions;
- (b) GBLT will not, nor will it permit any of its representatives to, undertake, authorize or permit any activities on the Open Lands that are not in compliance with the Restrictions or necessary to fulfill its obligations under this Agreement;
- (c) other than with the prior written approval of the Property Owner, GBLT will not access,

nor will it grant any of its representatives to have any access to, the Open Lands for any purpose other than fulfilling its monitoring obligations under this Agreement; and

- (d) GBLT will not encourage in any way whatsoever, including through its written or online publications and website, any public access to the Open Lands.

If GBLT becomes aware of any breach, or any anticipated breach, of the Restrictions, GBLT will notify the Property Owner of such breach or anticipated breach. Following such notice, GBLT shall, in cooperation with the Property Owner, allow the Property Owner to undertake such reasonable steps or actions as are necessary or desirable in order to rectify, or ameliorate, to the extent that such rectification or amelioration is reasonably possible, any adverse impact of any breach or to prevent the anticipated breach from occurring. If the Property Owner refuses or fails to undertake such steps or actions, GBLT is authorized to undertake such reasonable steps or actions as are necessary or desirable in order to rectify, or ameliorate, to the extent that such rectification or amelioration is reasonably possible, any adverse impact of any breach or to prevent the anticipated breach from occurring.

4.3 Effect of Restrictions. The Property Owner and GBLT covenant and agree with each other as follows:

- (a) the Restrictions shall be deemed to be restrictive covenants governed by and having the benefit of the Act;
- (b) this Agreement shall initially be registered on title against the Club Property in the event that there is no registrable legal description of the Open Lands allowing this Agreement to be registered against the Open Lands alone (and the Property Owner hereby consents to such registration);
- (c) upon the registration of this Agreement on title to the Club Property, the burden of the Restrictions shall run with and bind the Open Lands and every part thereof but shall not run with or bind the Main Dock/Caretaker's Site Excluded Area; and
- (d) At any time following registration of this Agreement against the Club Property the Owner shall be entitled at its cost, and in compliance with the Act and other applicable legislation, to take all steps required to allow for the Agreement to be registered against the Open Lands alone including release of the Agreement from the Main Dock/Caretakers Site Excluded Area. GBLT shall cooperate and assist the Owner in this regard including, without limitation, executing any consents, releases, amending agreements or other documentation required to allow this to occur.

4.4 Use of Open Lands. GBLT acknowledges that it has been advised by the Property Owner that the activities described in Section 5.0 of Schedule "D" are activities that Authorized Persons have engaged in on the Open Lands from time to time since the Open Lands were acquired by the Property Owner. GBLT acknowledges that such activities, apart from the historic trapping activities, have not materially adversely affected, and have not been destructive to, the Natural Values and Features of the Open Lands. Accordingly, GBLT acknowledges and agrees that such activities constitute Permitted Activities under the terms of this Agreement and that the

continuation of those activities shall not constitute a breach of the Restrictions. Furthermore, GBLT covenants to and with the Property Owner that it will not take any actions or proceedings under this Agreement or the provisions of the Act to restrict or prohibit the continuation of the Permitted Activities on the Open Lands. Furthermore, GBLT agrees that the Property Owner (which for this purpose includes all Authorized Persons) shall not be restricted or prohibited from:

- (a) carrying on any new or additional activities, provided such are not restricted by the Restrictions, of a recreational, research or social nature that are not expressly listed in Section 5.0 of Schedule "D" so long as such activities would not (i) materially interfere with, damage or destroy the Natural Values or Features of the Open Lands; or (ii) materially alter the natural processes affecting the Open Lands; or
- (b) engaging in or authorizing any of the development activities which constitute exceptions to the Restrictions as outlined in Article 4.0 of Schedule "D" attached hereto.

4.5 Amendment. Where the covenants and agreements in this Agreement are in furtherance of an ecological gift under the *Income Tax Act* (Canada), no waiver, release or variance of Restrictions or other terms of this Agreement may be effected without the authorization of the Minister responsible for Environment Canada or any replacement entity responsible for enforcing the provisions relating to ecological gifts, if such authorization is necessary. No amendment to the terms of this Agreement shall be binding or effective unless made in writing and signed by the Property Owner and GBLT. In addition, and to the extent applicable at such time, any such amendment shall not be binding or effective without the written consent of the Minister as may be required by the Act. GBLT covenants to the Property Owner that should the Property Owner and GBLT agree to any amendment of this Agreement and to the extent required at such time by the provisions of the Act and/or the Ecological Gift Program if it is an ecological gift, GBLT will advise the Minister and/or the Minister of Environment and Climate Change Canada (Canada), as required, in writing of its support for such amendment.

4.6 Ecological Gift Program.

The Property Owner is entering into this Agreement and granting an access easement (as described in Article 5 herein) to GBLT for the purpose of donating this conservation easement to GBLT. The Property Owner and GBLT will take all reasonable efforts as may be required or as may be desirable in order to attempt to qualify the donation by the Property Owner of the conservation easement as an ecological gift under the Ecological Gift Program. Further, until a determination has been made about the qualification of the donation as an ecological gift under the program GBLT will use all reasonable efforts to remain an environmental charity eligible to receive and hold gifts of land or conservation easements under the Canadian Ecological Gifts Program.

Article 5

GBLT's Access to the Open Lands

5.1 Grant of Access Easement. Pursuant to the applicable provisions of the Act, the Property Owner hereby grants to GBLT an access easement over the Open Lands. The access granted to GBLT by the Property Owner pursuant to such access easement shall be limited to the following purposes:

- (a) monitoring and enforcing compliance with this Agreement; and
- (b) enabling GBLT to determine, through inspection, testing or otherwise, whether or not the Restrictions and the obligations of the Property Owner under this Agreement are being complied with.

In particular, the access easement granted by the Property Owner to GBLT hereunder shall entitle GBLT, upon the failure of the Property Owner to fulfill its covenants set out in Section 4.1 but in compliance with the procedural requirements of Section 8.1, to carry out such reasonable actions as are necessary to rectify or ameliorate, to the extent that such rectification or amelioration is reasonably possible, any adverse impact to the Natural Values and Features of the Open Lands resulting from the Property Owner's failure to abide by and fulfill such covenants. The Property Owner acknowledges and agrees that the cost of any such rectification or amelioration steps or actions which are reasonably taken by or on behalf of GBLT shall be the responsibility of the Property Owner and the Property Owner hereby agrees to indemnify GBLT, on a full indemnity basis, for all such costs.

5.2 Exercise of Access Easement. The exercise by GBLT of its rights under this Agreement shall be subject to the following:

- (a) GBLT's right to access the Open Lands shall, in the absence of any breach of the Restrictions, be limited to its directors, officers, employees and authorized consultants. Such access shall be permitted for the purpose of monitoring compliance by the Property Owner with the Restrictions and for the purpose of updating the Report in accordance with this Agreement.
- (b) Entry on the Open Lands by GBLT, following any breach of the Restrictions and compliance with the provisions of Section 8.1, shall be limited to its directors, officers, employees, authorized consultants and contractors solely for the purpose undertaking such remediation, restoration or rehabilitation activities as are necessary to rectify the breach of the Restrictions or any damage to the Natural Values and Features of the Open Lands arising from any breach of the Restrictions. In exercising such access, GBLT shall take, or shall cause its directors, officers, employees, authorized consultants and contractors to take, all measures which in the circumstances are reasonably required to ensure that such entry complies with the Restrictions and that such entry interferes as little as reasonably possible with the use and enjoyment of the Open Lands by the Property Owner and its Authorized Persons.
- (c) Prior written notice of at least ten Business Days shall be given by GBLT to the Property

Owner of GBLT's intention to enter the Open Lands, unless GBLT, acting reasonably, has cause to believe that an emergency or other circumstance exists which precludes the giving of such notice, in which case GBLT shall provide the Property Owner with as much notice as is practicable in the circumstances.

Article 6

Ownership Rights and Responsibilities

6.1 Ownership Responsibilities. The Property Owner shall, at its expense, continue to care for and maintain the Open Lands in a manner that is consistent with the stewardship practices which it has undertaken from the date on which it became the owner of the Open Lands. GBLT acknowledges that access to the Open Lands is not, and cannot be, fully restricted or controlled by the Property Owner and due to the seasonal nature of the Go Home Bay community the Property Owner is not able to actively monitor access to or activities on the Open Lands throughout the entire calendar year. Subject to these constraints, the Property Owner shall:

- (a) establish rules and regulations pertaining to the use of the Open Lands which are consistent with limiting such use to the Permitted Activities;
- (b) taking reasonable actions to inform Authorized Persons of the rules and regulations pertaining to the use of the Open Lands;
- (c) to the extent reasonable having regard to the resources available to it, monitor and enforce the rules and regulations governing the use of the Open Lands;
- (d) maintain in good repair, reasonable wear and tear excepted, any improvements which are erected, built or established on the Open Lands in compliance with the Restrictions;
- (e) remove, as soon as is reasonably possible in the circumstances and at its expense, any structures or other improvements erected, built or established on the Open Lands in contravention of the Restrictions;
- (f) except as permitted in accordance with the terms of this Agreement, keep the Open Lands free of construction or other liens or encumbrances of any kind whatsoever;
- (g) carry and maintain such general liability insurance, with GBLT being named as an additional insured, as is reasonable in the circumstances and provide GBLT with evidence of such coverage on a continuing basis;
- (h) pay, as the same become due, municipal and provincial taxes, rates and fees (including any that may be charged or levied against GBLT by reason of this Agreement and the rights granted hereunder) and all charges for utilities, public or otherwise, the non-payment of which may give rise to a lien or charge on the Open Lands and provide GBLT with evidence of such payments on its reasonable request therefor.

6.2 Reservation of Rights of Ownership. Subject to Articles 4 and 5 and Section 6.1 of this Agreement, the Property Owner reserves all of its rights as owner of the Open Lands, including:

- (a) the right to occupy and use the Open Lands in any way that is not expressly restricted or prohibited by this Agreement; and
- (b) the right to restrict access to the Open Lands to Authorized Persons (except to the extent that the Property Owner has granted rights of access to GBLT under this Agreement).

GBLT acknowledges the Property Owner's reservation of its rights as owner of the Open Lands. Accordingly, GBLT agrees that throughout the Term:

- (c) the Open Lands shall remain private property owned by and under the exclusive control of the Property Owner;
- (d) the provisions of this Agreement do not, and are not intended to, provide any public access to the Open Lands;
- (e) the Property Owner shall have the sole and exclusive right to limit access to the Open Lands to Authorized Persons subject only to the rights of access granted to GBLT under this Agreement;
- (f) the Property Owner shall not be restricted from conducting or engaging in, or permitting Authorized Persons from conducting or engaging in, any activity on the Open Lands that is not expressly restricted or prohibited by the Restrictions; and
- (g) the Permitted Activities are not restricted or prohibited by the Restrictions.

Article 7

GBLT Responsibilities

7.1 GBLT Responsibilities. GBLT shall, at its expense:

- (a) carry and maintain adequate comprehensive general liability insurance coverage to cover any damage to the Open Lands caused by its staff, directors, officers, agents, representatives and contractors while accessing the Open Lands;
- (b) conduct yearly monitoring of the Open Lands for the purpose of monitoring the Property Owner's compliance with the Restrictions;
- (c) prepare yearly monitoring reports which record any observed changes to the Open Lands as compared to the Report and provide a copy of such reports to the Property Owner; and
- (d) to the extent that its monitoring identifies any breach of the Restrictions, bring such breaches to the attention of the Property Owner in accordance with the provisions of Section 8.1 and discuss with the Property Owner any actions that can reasonably be taken in order to rectify or ameliorate such breaches.

Article 8

Default and Remedies

8.1 Default by the Property Owner. In the event that the Property Owner fails to comply with the terms of this Agreement including the Restrictions, GBLT shall, upon becoming aware of such default, give notice in writing of such default to the Property Owner. Such notice shall provide particulars of such default in reasonable detail. Upon receipt of such written notice, the Property Owner shall have 120 days, or where in the circumstances it is not reasonable for the Property Owner to rectify such default within 120 days, such longer period of time as is reasonable in the circumstances so long as the Property Owner undertakes and continues such actions as are reasonably possible to rectify or ameliorate expeditiously such default. If within such 120 days, or such longer period of time where applicable, the Property Owner has not commenced such actions, GBLT may enter on the Open Lands and may carry out such actions as are reasonably possible to rectify or ameliorate such default. The Property Owner shall reimburse GBLT for all costs and expenses reasonably incurred by GBLT in carrying out such actions. Until such costs and expenses have been reimbursed, such costs and expenses shall be a debt owed by the Property Owner to GBLT and shall be a charge upon the Open Lands, which charge may be enforced in the same manner as a mortgage and shall in any event be recoverable by GBLT in a court of law.

8.2 Damages Inadequate. The Property Owner acknowledges that damages may not be an adequate remedy in the circumstances of any default by it of its obligations under this Agreement. Accordingly, the Property Owner agrees that GBLT may be entitled to prohibitory or mandatory injunctive relief to prohibit or prevent the default or continuance of default under this Agreement or to restore, remediate or rehabilitate the Open Lands to the condition that existed prior to the breach.

8.3 Default by GBLT. For the purposes of this Agreement, the following events shall constitute an event of default in respect of GBLT:

- (a) GBLT is in default of its obligations under this Agreement and such default continues for, or has not been rectified within, a period of 120 days, or such longer period of time as is reasonable in the circumstances so long as GBLT undertakes and continues such actions expeditiously, following written notice of such default from the Property Owner;
- (b) GBLT becomes insolvent, is unable to pay its obligations as they become due, is declared bankrupt or makes an assignment in bankruptcy or institutes or becomes the subject of any proceedings under the *Bankruptcy and Insolvency Act* (Canada) or any other analogous bankruptcy or insolvency legislation; or
- (c) GBLT ceases to be qualified as a Conservation Body.

Upon the occurrence of an event of default in respect of GBLT, the Property Owner shall be entitled to require GBLT to assign its rights and obligations, and its role as the Conservation Body which is party to this Agreement, to a Conservation Body whose mission, vision and values are consistent and compatible with the Conservation Intent. Until such assignment is completed,

GBLT shall not exercise any remedies available to it under this Agreement.

8.4 Costs of Enforcement. Any costs reasonably incurred by GBLT or the Property Owner in successfully enforcing, judicially or otherwise, any terms of this Agreement against the other including, without limitation, litigation costs, lawyers' fees and disbursements, shall be borne by the party against whom such successful enforcement proceedings are commenced on a full indemnity basis.

Article 9 General

9.1 Notice. Any notice (which term in this section includes any request or waiver) provided or given hereunder shall be sufficiently given by either party if in writing and delivered by hand or electronic mail:

if to GBLT as follows:

The Georgian Bay Trust Foundation, Inc.
120 Eglinton Ave E
Toronto, ON M4P 1E2
Attention: Executive Director
Fax: (416) 440-1519
Email: info@gblt.org

and if to the Property Owner as follows:

The Madawaska Club of Go Home Bay
c/o Lewis Reis, President
108 Dundonald Street
Barrie, ON
L4M 3T5

Secretary's Email Address: secretary@gohomebay.org

Any notice so delivered or any notice so forwarded by electronic mail shall be deemed to have been given on the next Business Day following the day on which such e-mail is sent. Either party may in any manner aforesaid give notice to the other party of any change in the address, email address or fax number thereof and thereafter the new address, email address or fax number shall be the address of such party for the purpose of giving notice hereunder.

9.2 No Continuing Liability after Transfer. No person who is or becomes an owner of the Open Lands shall be liable to GBLT for any breach of or default in the obligations owed to GBLT under this Agreement committed after (i) the transfer or conveyance by such person of all of the

interest of such person in the Open Lands and (ii) notice of such transfer or conveyance under Section 9.6 and the acknowledgement required under Section 9.6 has been given to GBLT. GBLT shall not be liable to the Property Owner, or any subsequent owner of the Open Lands, for any breach of or default in the obligations owed to the Property Owner, or such subsequent owner, under this Agreement committed after (i) the transfer or conveyance of the interest of GBLT in this Agreement as permitted under the Act and this Agreement and (ii) notice of such transfer has been given to the Property Owner or such subsequent owner, as the case may be.

9.3 No Liability for Events beyond Control. Neither the Property Owner nor GBLT shall be liable to the other under this Agreement for any damage to or change in the Open Lands resulting from causes beyond the reasonable control of such party including accidental fire, flood, storm, earthquake, trespass, insect plague or disease and including any changes which result from climate change or other natural causes. In addition, neither party shall be held liable or responsible to the other party or be deemed to have defaulted under or breached this Agreement for failure or delay in fulfilling or performing any term of this Agreement when such failure or delay is caused by or results from causes beyond the reasonable control of the non-performing party, including, without limitation, fires, floods, earthquakes, embargoes, shortages, epidemics, quarantines, pandemics, war, acts of war (whether war be declared or not), acts of terrorism, insurrections, riots, civil commotion, strikes, lockouts or other labor disturbances, acts of God or acts, omissions or delays in acting by any governmental authority.

9.4 Indemnity in favour of GBLT. The Property Owner shall indemnify and save harmless GBLT, its directors, officers, employees, agents and contractors from and against any and all actions, causes of actions, suits, claims, demands by or on behalf of any person, firm or corporation arising out of or occasioned by any act or omission, negligent or otherwise in the operation and maintenance of the Open Lands by the Property Owner, its Authorized Persons or anyone for whom the Property Owner is in law responsible.

9.5 Indemnity in favour of the Property Owner. GBLT shall indemnify and save harmless the Property Owner, its directors, officers, employees, agents and contractors from and against any and all actions, causes of action, suits, claims, demands by or on behalf of any person, firm or corporation arising out of or occasioned by any act or omission, negligent or otherwise, committed by GBLT, its staff, directors, officers, employees, representatives or contractors in conducting any monitoring or remediation activities on the Open Lands.

9.6 Notice of change of interest. The Property Owner shall give notice to GBLT of any change in the ownership of the Open Lands or of any interest in the Open Lands. GBLT agrees that it shall not transfer or assign its interest in this Agreement without the prior written consent of the Property Owner. Any such transfer or assignment of this Agreement by GBLT without the prior written consent of the Property Owner shall be null and void. GBLT agrees that it shall transfer its interest in this Agreement only to a Conservation Body which is acceptable to the Property Owner, acting reasonably, it being understood and agreed that the Property Owner shall have the right to ensure that the mission, vision, values and activities of any Conservation Body to whom the Agreement is transferred shall be consistent and compatible with the Conservation

Intent. The Property Owner covenants to GBLT and the Minister that it will not unreasonably withhold its consent to the transfer and assignment of this Agreement to a Conservation Body so long as the mission, vision, values and activities of such Conservation Body are consistent and compatible with the Conservation Intent.

9.7 Priority of interest of GBLT. The Property Owner acknowledges that the provisions of this Agreement run with title to the Open Lands and the Property Owner shall not transfer or convey any, or permit any mortgagee to transfer or convey any interest in the Open Lands without requiring the Person acquiring such interest in the Open Lands acknowledge in writing (by acknowledgement addressed and delivered to GBLT) the existence and first ranking priority of this Agreement and the interest of GBLT thereunder and will not lease or licence the Open Lands or any part thereof without such lease or licence being made expressly subject and subordinate to this Agreement.

9.8 Notice of the Agreement. The Property Owner and GBLT will erect such signage on the Open Lands to give notice of this Agreement as they from time to time consider necessary or desirable. The content, form and location of such signage will be determined by the Property Owner and GBLT together, acting reasonably.

9.9 Registration. GBLT shall at its expense register this Agreement, or notice of this Agreement, and the Access Easement against the title to the Open Lands and the Property Owners shall execute any document that may be required to allow such registration.

9.10 Failure to enforce or exercise rights. No failure by GBLT to require performance by the Property Owner of any provision of this Agreement shall affect the right of GBLT thereafter to enforce such obligation, and no failure by the Property Owner to perform any of its rights or obligations hereunder shall be taken as a waiver of such performance or the performance of any other obligation in the future.

9.11 Time of essence. Time shall be of the essence of this Agreement and shall be deemed to remain so notwithstanding any extension of any time limit.

9.12 Severability. All provisions of this Agreement including each of the Restrictions shall be severable and should any be declared invalid or unenforceable, the validity and enforceability of the remaining provisions shall not be affected thereby.

9.13 Costs. Save as provided herein or ordered by any court or tribunal, each party shall be responsible for its own legal fees and related expenses arising from the negotiation and implementation of this Agreement or from any act in pursuance thereof.

9.14 Entire Agreement. This Agreement embodies the entire Agreement of the parties with regard to the matters dealt with herein, and no understandings or agreements, verbal, collateral or otherwise, exist between the parties except as herein expressly set out.

9.15 **Applicable law.** This Agreement shall be construed and enforced in accordance with, and the rights of the parties shall be governed by, the laws of Ontario and the laws of Canada applicable therein.

9.16 **Independent legal advice.** The Property Owner acknowledges that it has obtained independent legal and tax advice in connection with this Agreement.

9.17 **Further assurances.** Each party, at the request of the other party, shall execute and deliver such assurances and do such other acts as may be reasonably required or desirable to give full effect to the provisions and intent of this Agreement and to allow for the registration on title of this Agreement and the Access Easement.

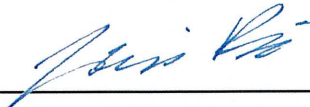
9.18 **Enurement.** This Agreement shall enure to the benefit of and be binding upon the parties hereto and their respective successors and permitted assigns. For greater certainty, the term “successors” as used herein shall be limited to entities that succeed either of the parties hereto by way of merger, amalgamation, change of corporate name or other similar corporate proceeding.

9.19 **Government Consents.** The parties acknowledge that in accordance with the Act this Agreement may not be released in whole or in part without the prior written approval of the Minister and in the case of an Ecological Gift, the Minister of Environment and Climate Change Canada (Canada).

(Signature Page Follows)

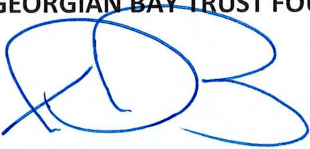
IN WITNESS WHEREOF the parties hereto have executed this Agreement.

THE MADAWASKA CLUB OF GO HOME BAY

By: 

Name: Lewis Reis
Title: President

**THE GEORGIAN BAY TRUST FOUNDATION,
INC.**

By: 

Name: J. DAVID BUNSTON
Title: DIRECTOR

By: 

Name: William D. Lougheed
Title:

Schedule "A"

Legal Description of the Open Lands

1. PCL 3785 SEC MUSKOKA; PT BROKEN LT 46 CON 14 GIBSON AS IN PM2293; GEORGIAN BAY; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0003 (LT);
2. PCL 10622 SEC MUSKOKA; PT BROKEN LT 44 CON 11 PL M163 GIBSON (LYING W OF RDAL IN FRONT OF LT 44 CON 11) EXCEPT LT23034; PT BROKEN LT 45 CON 11 PL M163 GIBSON PT 2 35R4245; PT BROKEN LT 45 PL M163 GIBSON LYING S OF PT 2 & 3 35R2196; PT BROKEN LT 46 CON 11 PL M163 GIBSON PT 1 35R4245; PT BROKEN LT 46 PL M163 GIBSON LYING S OF PT 1 35R2196; PT RDAL BTN LT 45 & LT 46 CON 11 PL M163 GIBSON CLOSED BY LT219871 PT 1 35R17992, PT 2 35R17091; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; PT RDAL IN FRONT OF LT 45 & LT 46 CON 11 PL M163 GIBSON; PT RDAL IN FRONT OF RDAL BTN LT 45 & LT 46 CON 11 PL M163 GIBSON CLOSED BY LT219871 PT 2, 35R17091; S/T LT225254; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0012 (LT);
3. PCL 10622 SEC MUSKOKA; PT BROKEN LT 45 CON 11 PL M163 GIBSON LYING SE OF PT 2 35R2169; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0113 (LT);
4. PCL 10622 SEC MUSKOKA; BROKEN LT 43 CON 11 PL M163 GIBSON EXCEPT LT 9 & LT 10 PL M316; PT BROKEN LT 44 CON 11 PL M163 GIBSON LYING SE OF PT 1 35R2168; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0114 (LT);
5. PCL 10622 SEC MUSKOKA; PT BROKEN LT 43 CON 12 PL M163 GIBSON; PT BROKEN LT 44 CON 12 PL M163 GIBSON EXCEPT PT 1 35R4243, PT 2-6 35R16375, PT 1 & 2 35R2167, PT 1 35R2166; BROKEN LT 45 CON 12 PL M163 GIBSON S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0116 (LT);
6. PCL 10622 SEC MUSKOKA; BROKEN LT 46 CON 12 PL M163 GIBSON S/T THE LIMITATION AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0117 (LT);
7. PCL 10622 SEC MUSKOKA; BROKEN LT 46 CON 10 PL M163 GIBSON; BROKEN LT 47 CON 10 PL M163 GIBSON; BROKEN LT 48 CON 10 PL M163 GIBSON; BROKEN LT 49 CON 10 PL M163 GIBSON; BROKEN LT 50 CON 10 PL M163 GIBSON EXCEPT LT 1-8 PL M316, PT 1 BR1229, PT 2, 3 & 4 35R2173, PT 1 & 2 35R4261, PT 1 & 2 BR1419, PT 3, 4 & 5 35R2195, PT 1 35R2165, PT 1 35R2164; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; S/T LT126089; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0119 (LT);
8. PCL 10622 SEC MUSKOKA; BROKEN LT 43 CON 10 PL M163 GIBSON; BROKEN LT 44 CON 10 PL M163 GIBSON; BROKEN LT 45 CON 10 PL M163 GIBSON EXCEPT LT 8A PLM316, PT 1 & 2 35R4244, PT 10 & 11 35R2169; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA

- BEING THE WHOLE OF PIN 48009-0120 (LT);
9. PCL 10622 SEC MUSKOKA; BROKEN LT 46 CON 9 PL M163 GIBSON; BROKEN LT 47 CON 9 PL M163 GIBSON EXCEPT PT 1 & 2 35R15733, PT 2 & 3 35R4242, PT 2 35R2174, PT 3 BR1228, PT 2 35R2506; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; S/T LT126089; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0121 (LT);
 10. PCL 10622 SEC MUSKOKA; PT BROKE LT 46 CON 13 PL M163 GIBSON LYING SE OF GO HOME BAY; S/T THE LIMITATION AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0122 (LT)
 11. PCL 10622 SEC MUSKOKA; PT BROKEN LT 46 CON 10 PL M163 GIBSON LYING NE OF PT 9 35R2169; S/T THE LIMITATIONS AND CONDITIONS SET OUT IN THE CHARTER OF THE CLUB; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48009-0124 (LT);
 12. PCL 2660 SEC MUSKOKA; FIRSTLY: ISLAND 117A GIBSON; SECONDLY: ISLAND 117B GIBSON; GEORGIAN BAY ; THE DISTRICT MUNICIPALITY OF MUSKOKA BEING THE WHOLE OF PIN 48010-0066 (LT);
 13. ISLAND 127A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0144 (LT);
 14. ISLAND 127B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0145 (LT);
 15. ISLAND 127C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0146 (LT);
 16. ISLAND 127D GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0147 (LT);
 17. ISLAND 127K GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0148 (LT);
 18. ISLAND 119A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0150 (LT);
 19. ISLAND 112A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0151 (LT);
 20. ISLAND 112B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0152 (LT);
 21. ISLAND 113A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0154 (LT);
 22. ISLAND 120A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0161 (LT);
 23. ISLAND 120B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0162 (LT);
 24. ISLAND 120C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0163 (LT);
 25. ISLAND 120D OR FOREMAN ISLAND GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0164 (LT);
 26. ISLAND 120E GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0165 (LT);
 27. ISLAND 120F GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0166 (LT);
 28. ISLAND 120G GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0167 (LT);
 29. ISLAND 134 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0182 (LT);
 30. ISLAND 144 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0190 (LT);
 31. ISLAND 145A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0192 (LT);
 32. ISLAND 145B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0193 (LT);
 33. ISLAND 145C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0194 (LT);
 34. ISLAND 145D GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0195 (LT);
 35. ISLAND 145E GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0196 (LT);
 36. ISLAND 153A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0202 (LT);
 37. ISLAND 153B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0203 (LT);
 38. ISLAND 153C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0204 (LT);

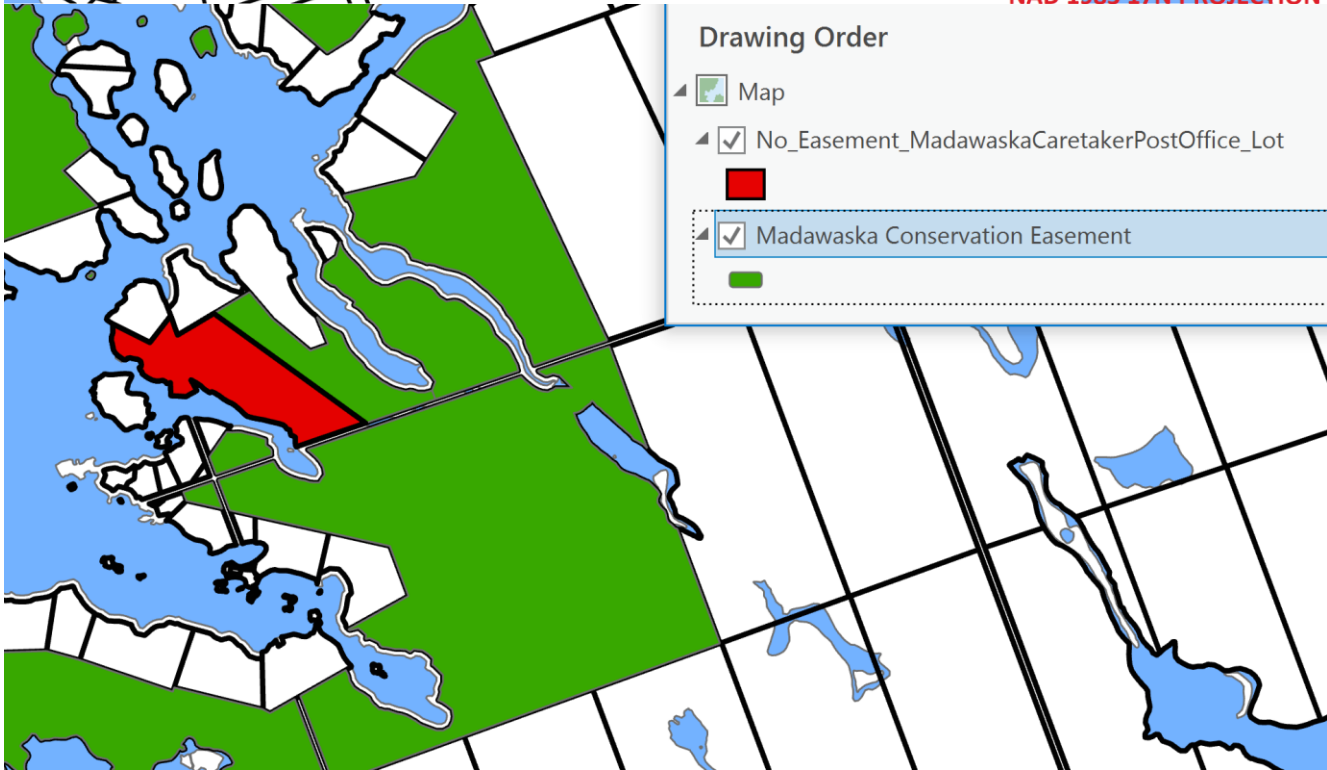
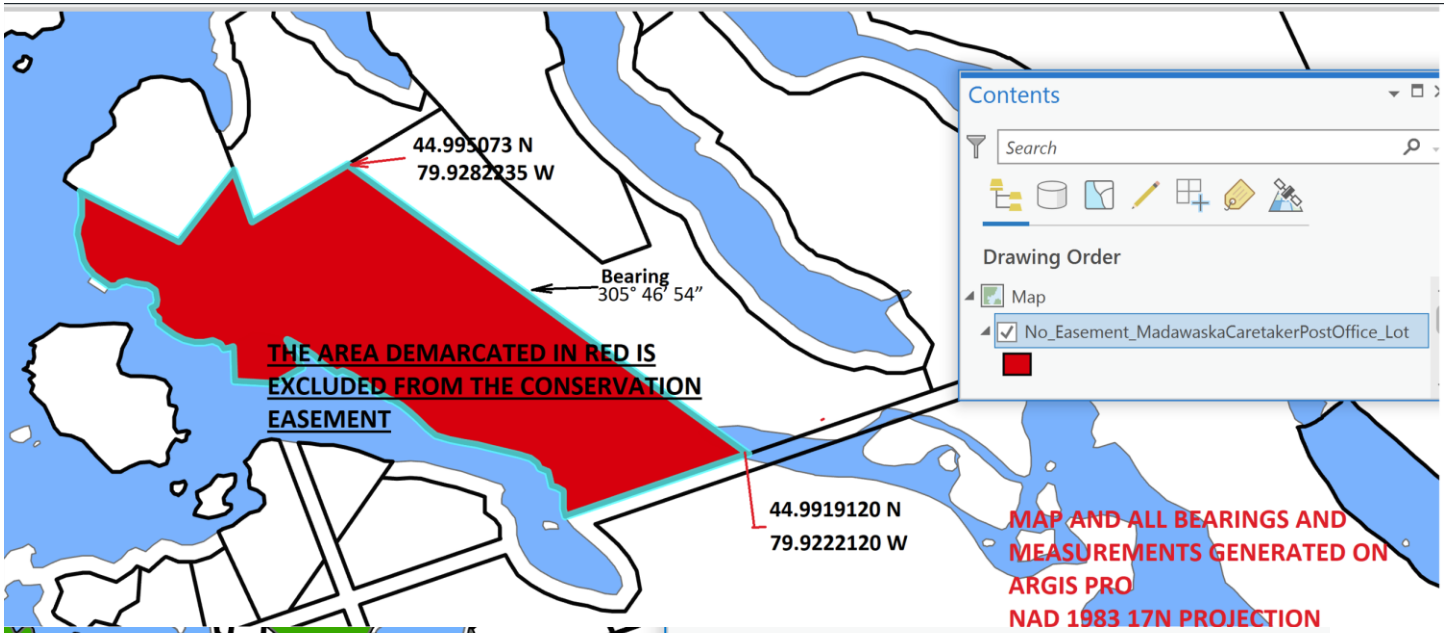
39. ISLAND 153D GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0205 (LT);
40. ISLAND 153E GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0206 (LT);
41. ISLAND 163 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0212 (LT);
42. ISLAND 163A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0213 (LT);
43. PT ISLAND 506 GIBSON AS IN DM21802 EXCEPT PT 1, 35R15732, PT 1, 35R11456, PT 1-3, 35R4205, PT 1, RD2120, PT 1, 35R2142, PT 1, 35R15727, PT 1-2, 35R15728, DM102494, DM365724, DM362840, DM276981, DM143821, DM342188, DM93384, DM281028, DM93877, DM274485; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0225 (LT);
44. ISLAND 508 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0243 (LT);
45. ISLAND 508A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0244 (LT);
46. ISLAND 508B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0245 (LT);
47. ISLAND 508C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0246 (LT);
48. ISLAND 509 GIBSON EXCEPT PT 1, 35R15730, PT 1, 35R15749, PT 1-2, 35R15791, PT 1-2, 35R2144, DM267719, DM276054, DM323099, DM365631, DM344060, DM364314; T/W DM279901; T/W DM280265; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0247 (LT);
49. ISLAND 509A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0259 (LT);
50. ISLAND 509B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0260 (LT);
51. ISLAND 509C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0261 (LT);
52. ISLAND 509D GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0262 (LT);
53. ISLAND 509E GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0263 (LT);
54. ISLAND 509F GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0264 (LT);
55. ISLAND 509G GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0265 (LT);
56. ISLAND 509L GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0266 (LT);
57. ISLAND 509M GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0267 (LT);
58. ISLAND 147 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0268 (LT);
59. ISLAND 147A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0269 (LT);
60. ISLAND 148 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0270 (LT);
61. ISLAND 149 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0271 (LT);
62. ISLAND 150 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0272 (LT);
63. ISLAND 150A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0273 (LT);
64. ISLAND 151 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0274 (LT);
65. ISLAND 510 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0280 (LT);
66. ISLAND 510A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0281 (LT);
67. ISLAND 510B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0282 (LT);
68. ISLAND 510C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0283 (LT);
69. ISLAND 511 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0284 (LT);
70. ISLAND 511A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0285 (LT);
71. ISLAND A IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0286 (LT);
72. ISLAND B IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0287 (LT);
73. ISLAND C IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0288 (LT);
74. ISLAND D IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-

- 0289 (LT);
75. ISLAND E IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0290 (LT);
 76. ISLAND F IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0291 (LT);
 77. ISLAND G IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0292 (LT);
 78. ISLAND H IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0293 (LT);
 79. ISLAND I IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0294 (LT);
 80. ISLAND J IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0295 (LT);
 81. ISLAND K IN GO HOME BAY GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0296 (LT);
 82. ISLAND 506A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0297 (LT);
 83. ISLAND 506B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0298 (LT);
 84. ISLAND 506C GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0299 (LT);
 85. ISLAND 506D GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0300 (LT);
 86. ISLAND 506E GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0301 (LT);
 87. ISLAND 506F GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0302 (LT);
 88. UNDESIGNATED ISLAND OPPOSITE CON 11 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0303 (LT);
 89. ISLAND 142 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0304 (LT);
 90. ISLAND 142A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0305 (LT);
 91. ISLAND 142B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0306 (LT);
 92. ISLAND 143 GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0307 (LT);
 93. ISLAND 143A GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0308 (LT); AND
 94. ISLAND 143B GIBSON; GEORGIAN BAY BEING THE WHOLE OF PIN 48010-0309 (LT).

Schedule "B"

Main Dock/Caretaker's Site Excluded Property

See attached plan



Close-up showing area in red not restricted by Conservation Easement

Schedule "C"

Baseline Report

See attached Baseline Report August 2023



Baseline Documentation Report



Madawaska Club

Ecodistrict 5E-7, Eastern Georgian Bay

Township of Georgian Bay

August 2023

Authors: Aaron Rusak and Bill Loughed with contributions from Eleanor Proctor

Additional field data acquisition by Stefani Matis, Evan Ward, Joseph Gillan, Bradley Squarek and Brooks Greer

Georgian Bay Land Trust

#1000-120 Eglinton Ave. East

Toronto, ON M4P 1E2

Georgian Bay Land Trust Land Protection Program

The Land Protection Program of the GBLT is supported by the Executive Director and Protected Areas Manager of the GBLT, as well as the GBLT Land Protection Committee, made up of Directors and volunteers passionate about the ongoing protection of GBLT properties and Georgian Bay.

The responsibilities of the Land Protection Program include identifying new potential projects, monitoring the progress and negotiations for each project, organizing the completion of initial inventories and the completion of appropriate documentation including the Case for Conservation (CFC), Environmental Assessment and if required, the Ecogift certification, conservation easement document and other necessary items for the completion of a land protection deal. These documents provide the necessary information in completing the management plan and stewardship plan organized and administered by GBLT's Stewardship Program.

The format of this report was completed in accordance with the Standards and Practices of the Canadian Land Trust Alliance and portions of the document are based on the Baseline Report Template of the Nature Conservancy of Canada, Ontario Region.

Disclaimer

This report, including the attached schedules and appendices are, to the best of GBLT's knowledge, an accurate description of the natural features and land uses on the Subject Property.

1 INTRODUCTION

The purpose of the enclosed information is to describe the physical features and current land uses of the Subject Property in the Township of Georgian Bay. The owner of the property intends to protect the property through a Conservation Easement Agreement between the Owner and the GBLT. The information in this report is based on repeated site visits and reports made by the GBLT staff Aaron Rusak, Bill Loughheed and Eleanor Proctor, GBLT summer research students Stefani Matis, Bradley Squarek and GBLT conservation interns Evan Ward and Joseph Gillan and previous work by Brooks Greer. As the species inventory is ongoing to the end of August GBLT may add additional species observations to this report.

2 PROPERTY SUMMARY

2.1 Location

General Description:

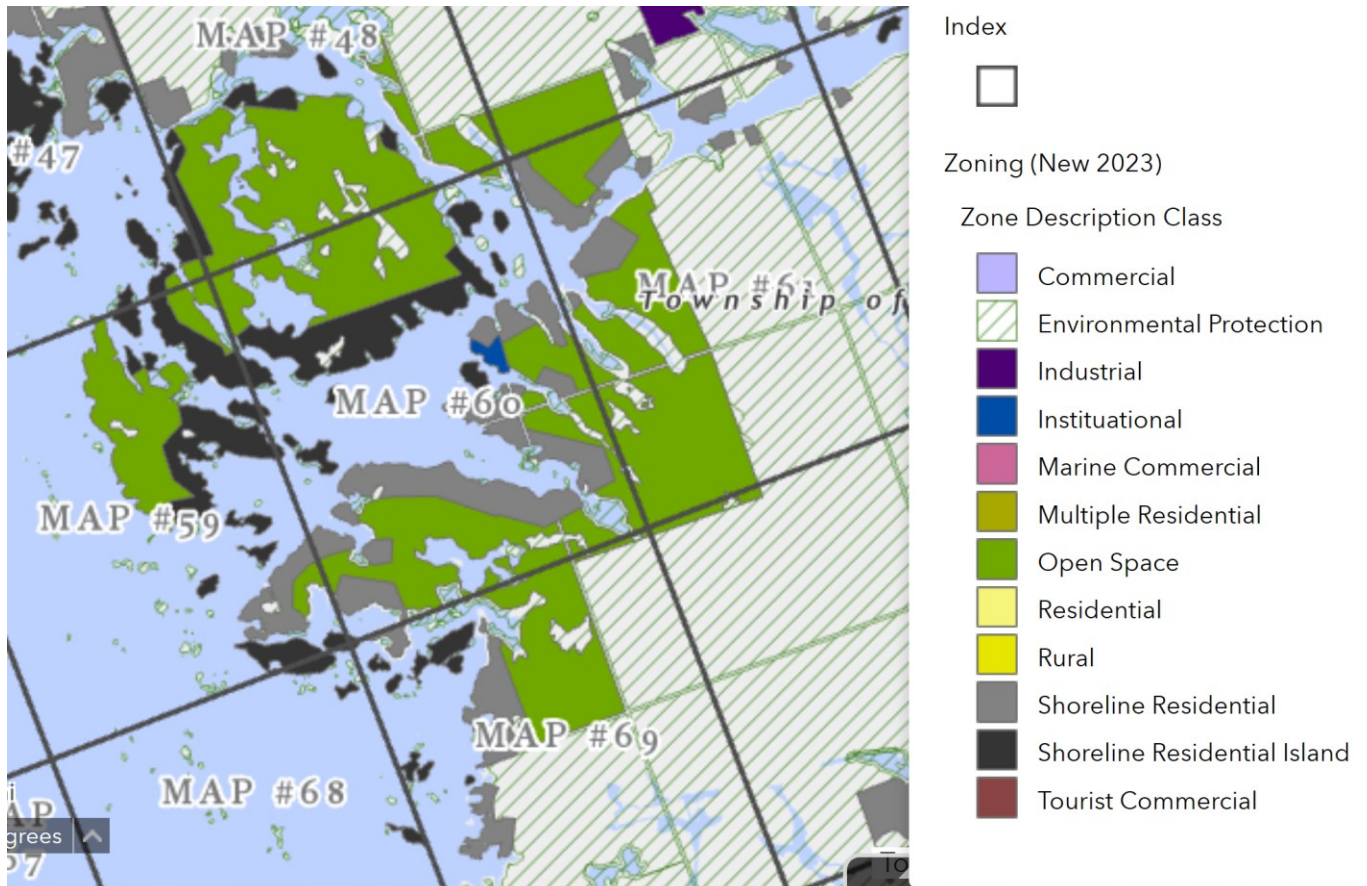
The large approximately 580 ha Subject Property is located in Go Home Bay, Georgian Bay north of Cognashene and south of Wah Wah Taysee. The GBLT Split Rock, Martin Reach and South Pine GBLT properties are close by. To the proximate north lie the Zimmerman and Tadenac Conservation Easements and

the GBLT Tadenac Coastal Lots. The Subject Property contains a mix of significant habitats and provides habitat for several species at risk. The areas proposed for Conservation Easement amount to approximately 570 ha.

Legal Description: The legal descriptions for all lands may be found in the Conservation Agreement

Subject Property is zoned Open Space (OS) with portions designated EP as per the zoning map below.

Zoning Map



Zoning as at August 1, 2023

2.2 Property Areas

Area of Open Lands: 581.9 ha

Area of Conservation Easement: 568.4 ha

Area Excluded from Conservation Easement: 13.5 ha

2.3 Landowner

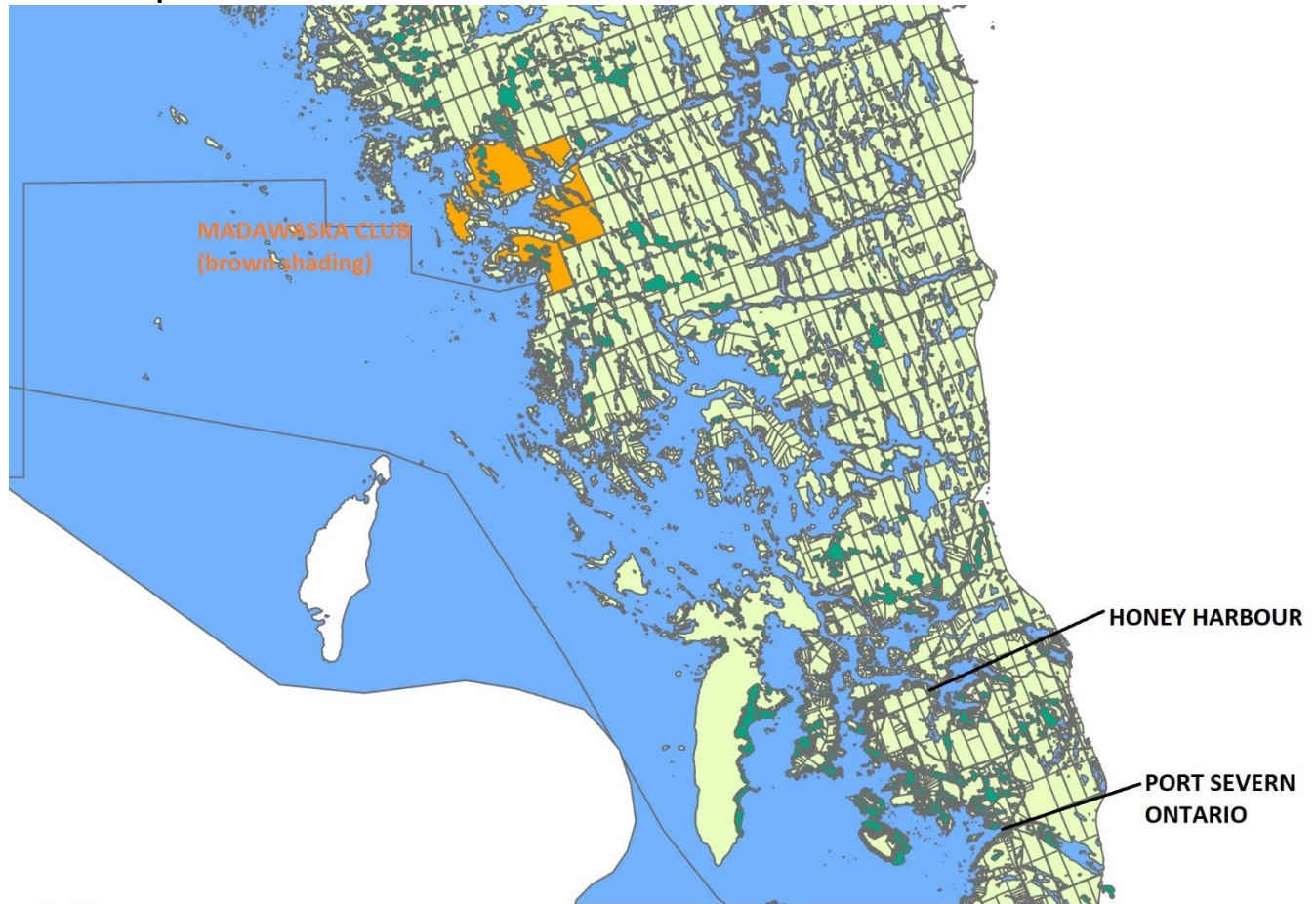
The Madawaska Club of Go Home Bay
c/o secretary@gohomebay.com

2.4 Property Access

The property is accessible by boat only. The closest marina is King Bay Marina.

Figure 1: Property Map and Location

Locator Map



3 THE PROPERTY'S NATURAL HERITAGE VALUES

3.1 Conditions at the time of data collection for the Report

The summary of the sites visits is listed in Table 1 below. The property has been inventoried during multiple visits in 2023 and during previous visits dating back 4 years.

Table 1: Site Visit Summaries

<i>Date</i>	<i>Purpose</i>		<i>Climatic Condition</i>	<i>Staff</i>
Summer of 2019 Summer of 2022	Multiple site visits		Daily weather conditions during site visits recorded in GBLT data logs	Bill Lougheed, Brooks Greer, Aaron Rusak, Eleanor Proctor
May 1 2023 to August 31, 2023	Multiple visits per week completed beginning in May and planned site visits through September 1		Daily weather conditions during site visits recorded in GBLT data logs	Aaron Rusak, Eleanor Proctor, Robin Jones, Bill Lougheed, Stefani Matis, Evan Ward, Bradley Squarek, Evan Ward, Joseph Gillan

3.2 Significance of the Property & Conservation Targets

Natural Area Significance

The proximate natural area is part of the interior barren gneissic rocklands as described by Chapman and Putnam (1984) and Macdonald (1986). It is found within biophysical unit VIIa-7 described as 'weakly broken bare bedrock plain (organic)'. This biophysical unit is one of the two most common units found along the eastern coast of Georgian Bay and includes representation of characteristic communities in areas where soil development is minimal. The area has the greatest land -water interface on the great lakes which supports its rich biodiversity of herpetofauna. The area is part of a UNESCO Biosphere Reserve and forms the southern part of the world's largest freshwater archipelago (10 x the size of the next largest in Africa).

Property Significance

This large 580 ha private property is one of the largest private land holdings on the eastern coast of Georgian Bay. Situated only 1.5 h north of the 6M expanding population of greater Toronto, these lands are highly valued and under continual development pressure. Most importantly these lands form a connecting bridge in along an 8km by 30km coastal corridor. This Conservation Easement will connect northward through Morrows Bay Conservation Reserve to the 2,200 ha Tadenac Nature Reserve. Southward it will connect to the 5,000 ha Cognashene Lake Conservation Reserve. In so doing, the Madawaska Club Conservation Easement ensures the permanent protection of a 30km long coastal corridor on a Ontario-designated "Great Lakes Heritage Coast".

The corridor provides: 1. coastal connectivity for aquatic species; 2. important upland wetland connectivity (1/3 of uplands are wetlands) for the highest biodiversity of reptiles and amphibians in Canada (Dr. John Reilly, former NCC Chief Scientist), and 3. coastal forest connectivity including areas of Old Growth (see MAP).

The Madawaska Club property is located approximately 50 km south of Parry Sound Ontario at Go Home Bay (see MAP) and lies within the Georgian Bay UNESCO World Biosphere Reserve; and is additionally designated as a key biodiversity area (Eastern Georgian Bay Community Nominated Priority Place) by Environment and Climate Change Canada (ECCC). These designations reflect Eastern Georgian Bay's importance with regards to both biodiversity and the conservation of species at risk (SAR). This conservation project protects lands of high habitat diversity. The Go Home Bay area is identified as a Priority Place for Conservation in two regional/ecodistrict level conservation plans (Great Lakes Conservation Blueprint (GLCB) and the NCC - GBLT Eastern Georgian Bay Natural Area Conservation Plan (EGB NACP). In the EGB NACP most of these lands are awarded the highest conservation ranking for Island Biodiversity, Reptiles and Turtles and Conservation Action and some areas in the southeastern section score priority 1 for Coastal Forests. The project's lands are ranked in the top 25% category under 3 assessment criteria: High Value Biodiversity, High Value Wetlands, High Value Forests in the Canadian Wildlife Services 2017 Conservation Assessment ""Landscape and Conservation Assessment for the Mixedwood Plains (BCR 13)"". During inventories of the project lands (since 2019) GBLT ecologists have identified 22 federally and provincially listed species at risk. Per COSEWIC status, 6 are endangered, 6 are threatened and 10 are special concern. Twenty-two provincially listed (SARO) species were identified of which 4 are endangered, 6 provincially threatened and 10 of special concern. Please refer to the Species Inventories for the SAR observations and to the Photos Section for SAR pictures.

Repeated surveys over a period of 4 years have identified 26 vegetation communities on this large unfragmented area that contains habitat for over 200 plants, over 100 bird species, 25 herpetofauna, 21 mammals and over 40 insect species.

Representation of Landform Types

Shrubbed rock barrens and semi-open forested rock barrens dominate much of the terrestrial area. Very large areas of Oak - Red Maple - Pine Treed Granite Barren dominate the landscape with areas half this size of Dry - Fresh White Pine - Oak Mixed Forest Type. Open Dry Granite Barrens are represented at about 15% (see table below).

The shorelines are generally Dry Acidic Open or shrub Rock Barren communities with gently rolling topography and isolated pockets of dense vegetation that include White Pine (*Pinus strobes*), Common Juniper (*Juniperus communis*), Low-bush Blueberry (*Vaccinium angustifolium*), Meadowsweet (*Spiraea alba*), Common Hairgrass (*Deschampsia flexuosa*) among others.

Interior to the shorelines a mosaic of Dry White Pine –Red Oak – Red Maple forest and treed rock barrens dominate much of the Madawaska Club property. These communities are known to dominate the majority of the south-eastern coast of Georgian Bay these comprise a relatively open canopy ranging from 50 to 75% with White Pine as the dominant and Red Oak (*Quercus rubra*) and Red Maple (*Acer rubrum*) present as associate species. The understory is a combination of approximately 30% shrub cover and 10-20% herbaceous cover. Dominant species in these layers are Common Juniper, Low-bush Blueberry, Wild-lily-of-the-valley (*Maianthemum canadense*), Bracken Fern (*Pteridium aquilinum*) and Common Polypody (*Polypodium virginianum*).

Numerous interior and coastal wetlands support floating and submerged aquatic vegetation and many have boggy shorelines with species typically found in fen communities.

Species rich fens form an important part of the ecosystems present: Cottongrass - Beak-rush/Yellow-eyed Grass Open Fens and Leatherleaf - Chain fern/St. John's-wort Shrub Fens and Black Spruce - Tamarack - Leatherleaf Patterned Fens represent the major types with Mountain Holly and Graminoid Open Poor Fens at much lower representation. There are a few Twig-rush Graminoid Fens.

Meadow marshes are prevalent on the property with Broad-leaved Sedge Organic Meadow Marshes and Narrow-leaved Sedge Organic Meadow Marshes being the most prevalent. Graminoid coastal meadow marshes are well represented on coastal areas.

Floating wetland vegetation is dominated by Water Lily and Bullhead Lily and ranges from no cover to 60% cover in some areas.

Numerous swamps are present in lowland areas within the interior: Tamarack - Black Spruce Coniferous Organic Swamps, Mountain Holly Organic Thicket Swamps and Winterberry Holly Organic Thicket Swamp cover 4.3, 3.4 and 2.8 % of the Open Lands, respectively. Alder Organic Thicket Swamps are present in some areas.

Conservation Targets

The major conservation Targets involve the preservation of Island Biodiversity, wetland and forest habitats and the species of conservation concern as described further on in this Baseline Document Report.

Conservation Context

The conservation context is well described in the map below developed by GBLT and the Nature Conservancy of Canada.

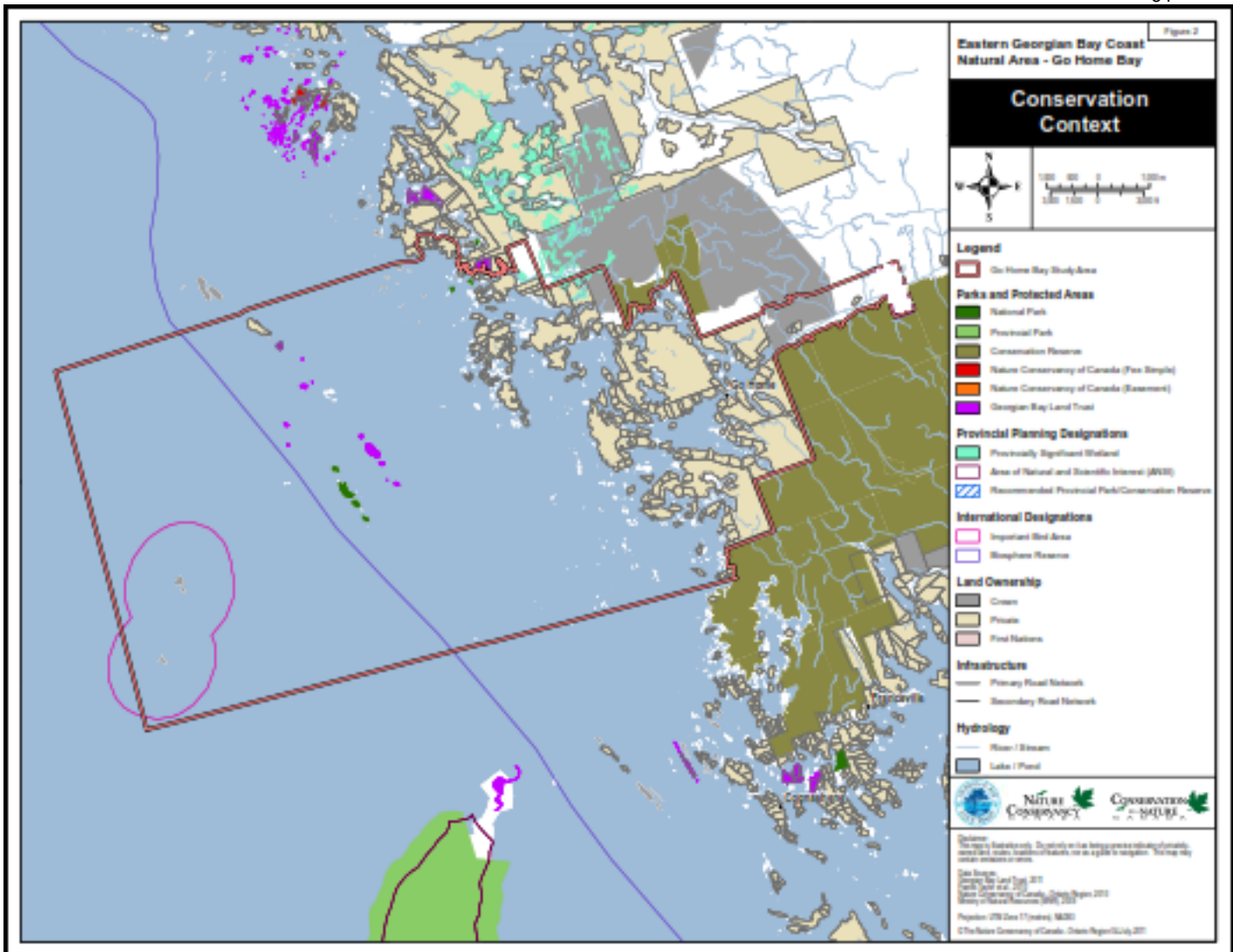


Table 3: Summary of Vegetation Communities

3.3 Major Ecological Systems

The major ecological systems on these lands are described in the tables below. The rich biodiversity present on these lands results from the diversity of habitats as provided by 26 vegetation communities and by the connected, undisturbed and unfragmented nature of these ecological systems.

Global Habitat Type: Terrestrial & Aquatic	North American Ecological System Types
Inland Rocky Areas	Great Lakes Acidic Rocky Shore <i>RBO Acidic Open and Treed Bedrock predominating shores and dominant in many interior areas</i>
Woodland	Mixed, Coniferous and Deciduous Woodlands

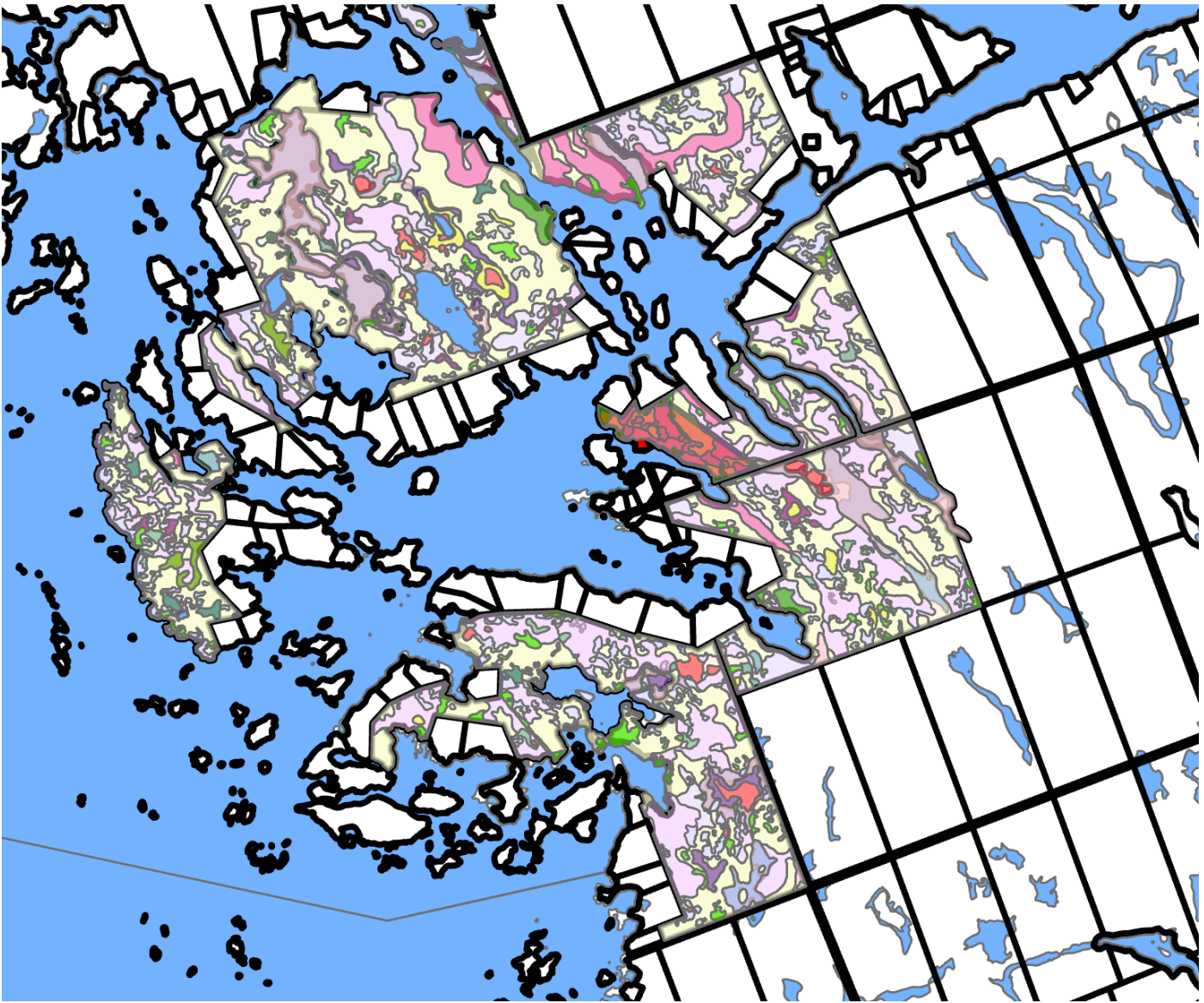
	<p>FOM White Pine - Maple - Oak Mixed Forests FOC White Pine dominant with White Cedar FOD Red Oak, Red Maple dominant with White Oak, Birch, Striped Maple, Aspen</p>
Wetlands	<p>Great Lakes Coastal Wetland Types</p> <p><u>FENS</u> Open, Treed and Shrub Fens dominate many of the inland areas FES FET FEO</p> <p><u>BOGS</u> Several open bogs are present BOO</p> <p><u>MARSHES</u> Numerous meadow and shallow marshes are prominent on the landscape. MAM MAS</p> <p><u>SHALLOW WATER</u> Two aquatic community types are prominent on the landscape. SAF SAM</p> <p><u>SWAMPS</u> SAF SAM SWT</p>

3.4 Vegetation Communities

The vegetation communities on the Madawaska Club Open Lands have been documented and mapped and these data are presented in the table below and in the accompanying maps that follow. Since the area is extremely large there may be community types that are present but may not have been observed. Accordingly, this table is for general reference to document the major communities present on the landscape and their approximate locations and size. It is also understood that these communities will change naturally over time and may change unnaturally due to climate change effects, invasive species, introduced disease, and other stressors that will undoubtedly occur.

ELC CODE (Southern Ontario Classification System)	Vegetation Community	Area (ha)	Percent Area of Easement Lands
BOO (Open Bog)	Virginia Chain Fern Open Bog Type	0.3	0.06
FEO (Open Fen)	Beaked Sedge Graminoid Fen Type	2.6	0.43
	Cottongrass Beak-rush/Yellow-eyed Grass Open Fen	8.6	1.39
	Poor Graminoid Open Fen Type	1.8	0.29
	Twig-rush Graminoid Fen Type	0.2	0.04
FES (Shrub Fen)	Leatherleaf - Chain fern/St. John's-wort Shrub Fen	10.3	1.67
	Mountain Holly Shrub Fen Type	2.1	0.34
FET (Treed Fen)	Black Spruce Tamarack Leatherleaf Patterned Fen Type	6.0	0.98
FOC (Coniferous Forest)	Dry - Fresh White Cedar Coniferous Forest Type	1.3	0.21
FOD (Deciduous Forest)	Fresh - Moist Oak - Maple Deciduous Forest Type	6.0	0.97
	Dry - Fresh Oak - Red Maple Deciduous Forest Type	26.7	4.34
FOM (Mixed Forest)	Dry - Fresh White Pine - Red Maple Mixed Forest Type	23.3	3.79
	Dry - Fresh White Pine - Oak Mixed Forest Type	134.4	21.82
MAM (Meadow Marsh)	Forb Organic Meadow Marsh Type	3.3	0.54
	Graminoid Coastal Meadow Marsh Type	0.6	0.11
	Broad-leaved Sedge Organic Meadow Marsh Type	7.7	1.25
	Narrow-leaved Sedge Organic Meadow Marsh Type	4.1	0.67
MAS (Shallow Marsh)	Bur-reed Organic Shallow Marsh Type	0.1	0.02
RBO Open Rock Barren)	Dry Granite Barren Type	59.4	9.64
RBS (Shrub Rock Barren)	Common Juniper Granite Shrubland Barren Type	19.3	3.14
RBT (Treed Rock Barren)	Oak - Red Maple - Pine Treed Granite Barren Type	240.2	39.00
SAM (Mixed Shallow Aquatic)	Water Lily - Bullhead Lily Floating- leaved Shallow Aquatic Type	46.9	7.61
SWC (Coniferous Swamp)	Tamarack - Black Spruce Coniferous Organic Swamp Type	4.3	0.69
SWT (Thicket Swamp)	Mountain Holly Organic Thicket Swamp Type	3.4	0.55
	Winterberry Holly Organic Thicket Swamp Type	2.8	0.46
	Alder Organic Thicket Swamp Type	0.1	0.02

3.4 Vegetation Communities (Mapping)

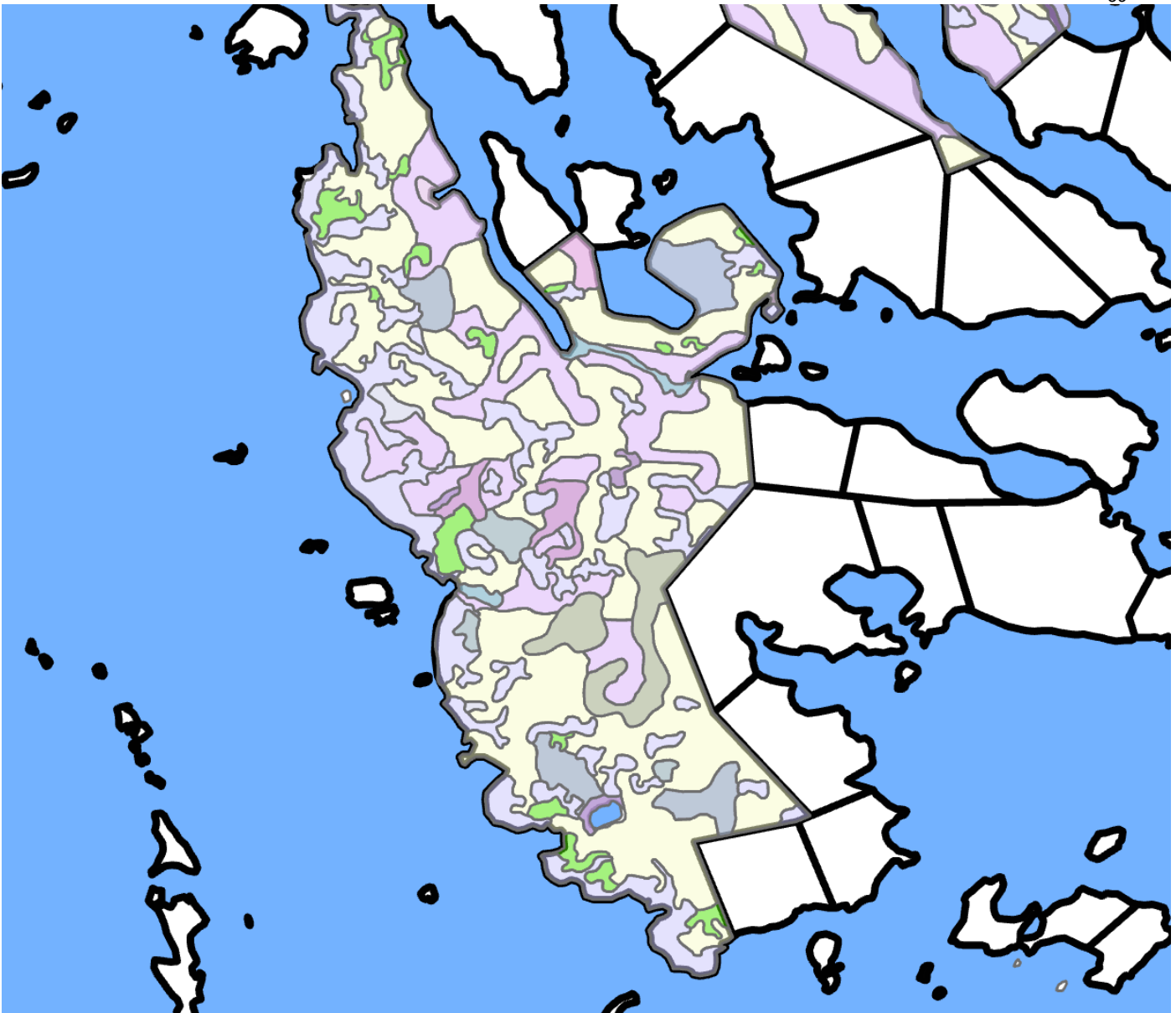


Large Scale Map of ELC Vegetation Community Mapping of Madawaska Club Lands – see legend below.

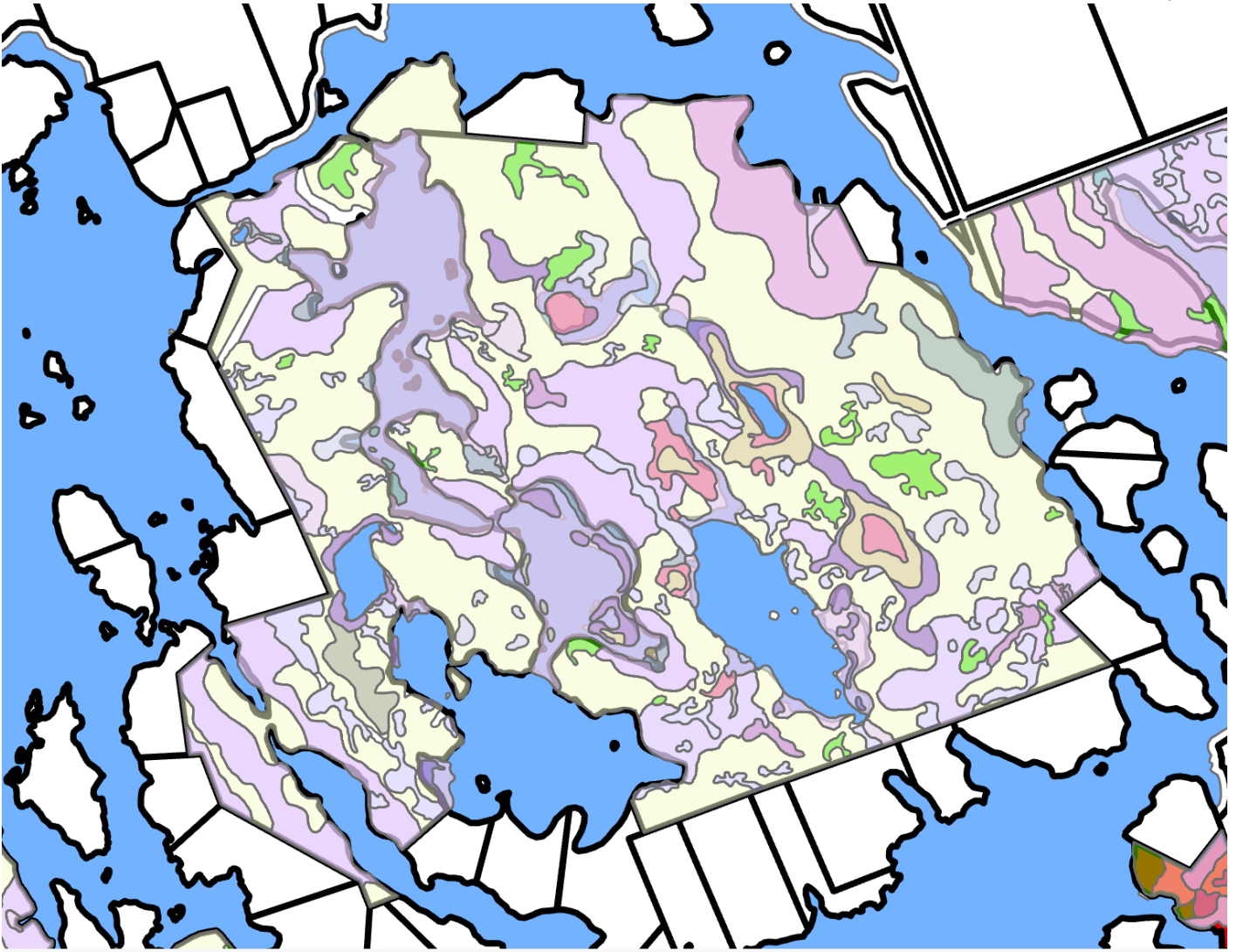
- BOO
 - Virginia Chain Fern Open Bog Type
 - FEO
 - Beaked Sedge Graminoid Fen Type
 - Cottongrass - Beak-rush/Yellow-eyed Grass Open Fen
 - Graminoid Open Poor Fen Type
 - Twig-rush Graminoid Fen Type
 - FES
 - Leatherleaf - Chain fern/St. John's-wort Shrub Fen
 - Mountain Holly Shrub Fen Type
 - Leatherleaf - Forb Shrub Fen
 - Sweet Gale Shrub Fen Type
 - FET
 - Black Spruce - Tamarack - Leatherleaf Patterned Fen Type
 - Tamarack - White Cedar Treed Fen Type
 - Tamarack Treed Fen Type
 - FOC
 - Dry - Fresh White Cedar Coniferous Forest Type
 - FOD
 - Fresh - Moist Oak - Maple Deciduous Forest Type
 - Dry - Fresh Oak - Red Maple Deciduous Forest Type
 - FOM
 - Dry - Fresh White Pine - Red Maple Mixed Forest Type
 - Dry - Fresh White Pine - Oak Mixed Forest Type
 - MAM
 - Forb Organic Meadow Marsh Type
 - Graminoid Coastal Meadow Marsh Type

- Narrow-leaved Sedge Organic Meadow Marsh Type
- MAS
 - Bur-reed Organic Shallow Marsh Type
- RBO
- RBS
 - Common Juniper Granite Shrubland Barren Type
- RBT
 - Oak - Red Maple - Pine Treed Granite Barren Type
- SAF
 - Bur-reed Submerged - Floating-leaved Shallow Aquatic Type
- SAM
 - Water Lily - Bullhead Lily Floating-leaved Shallow Aquatic Type
- SWC
 - Tamarack - Black Spruce Coniferous Organic Swamp Type

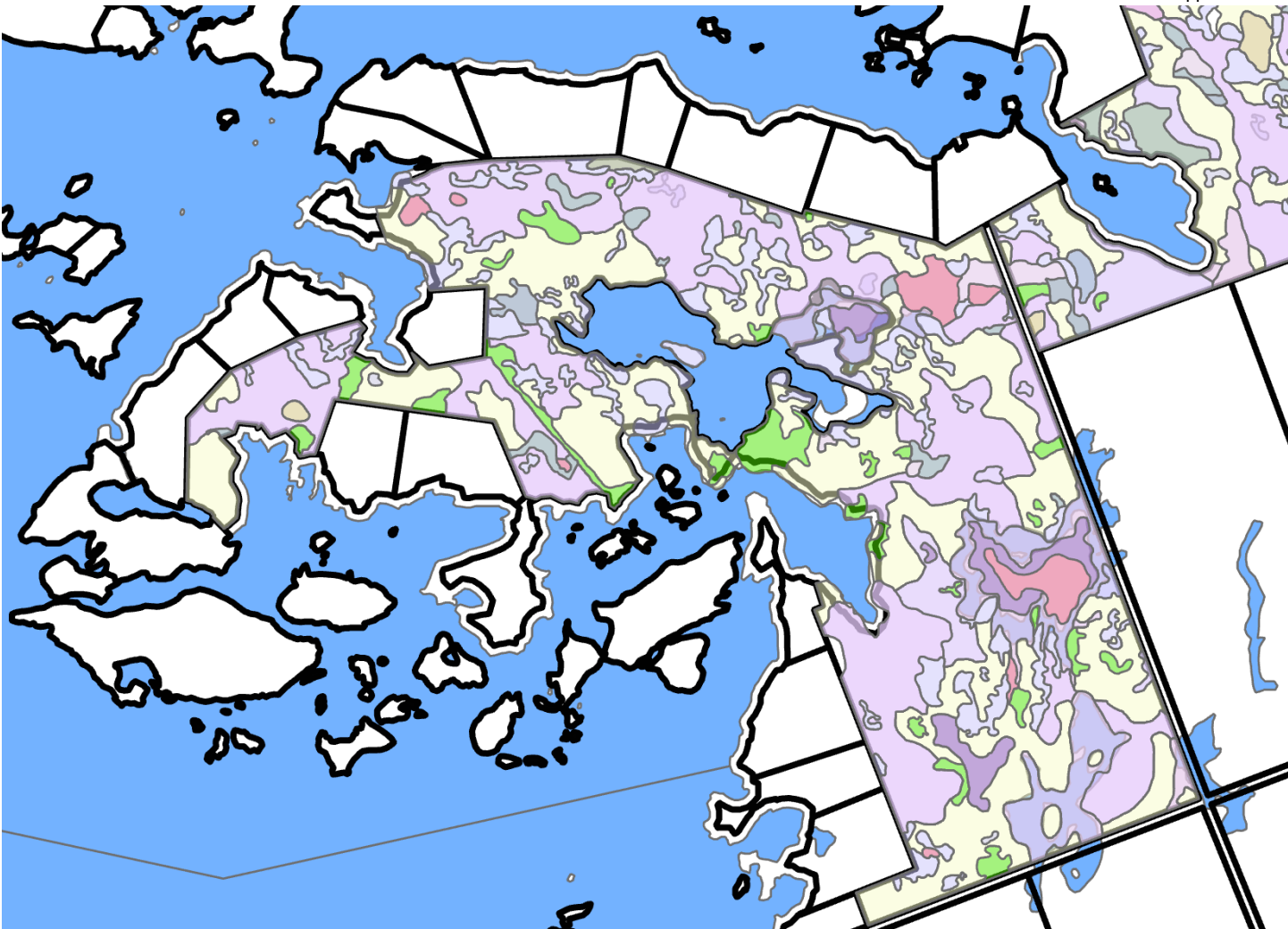
- SWT
 - Mountain Holly Organic Thicket Swamp Type
 - Winterberry Holly Organic Thicket Swamp Type
 - Alder Organic Thicket Swamp Type



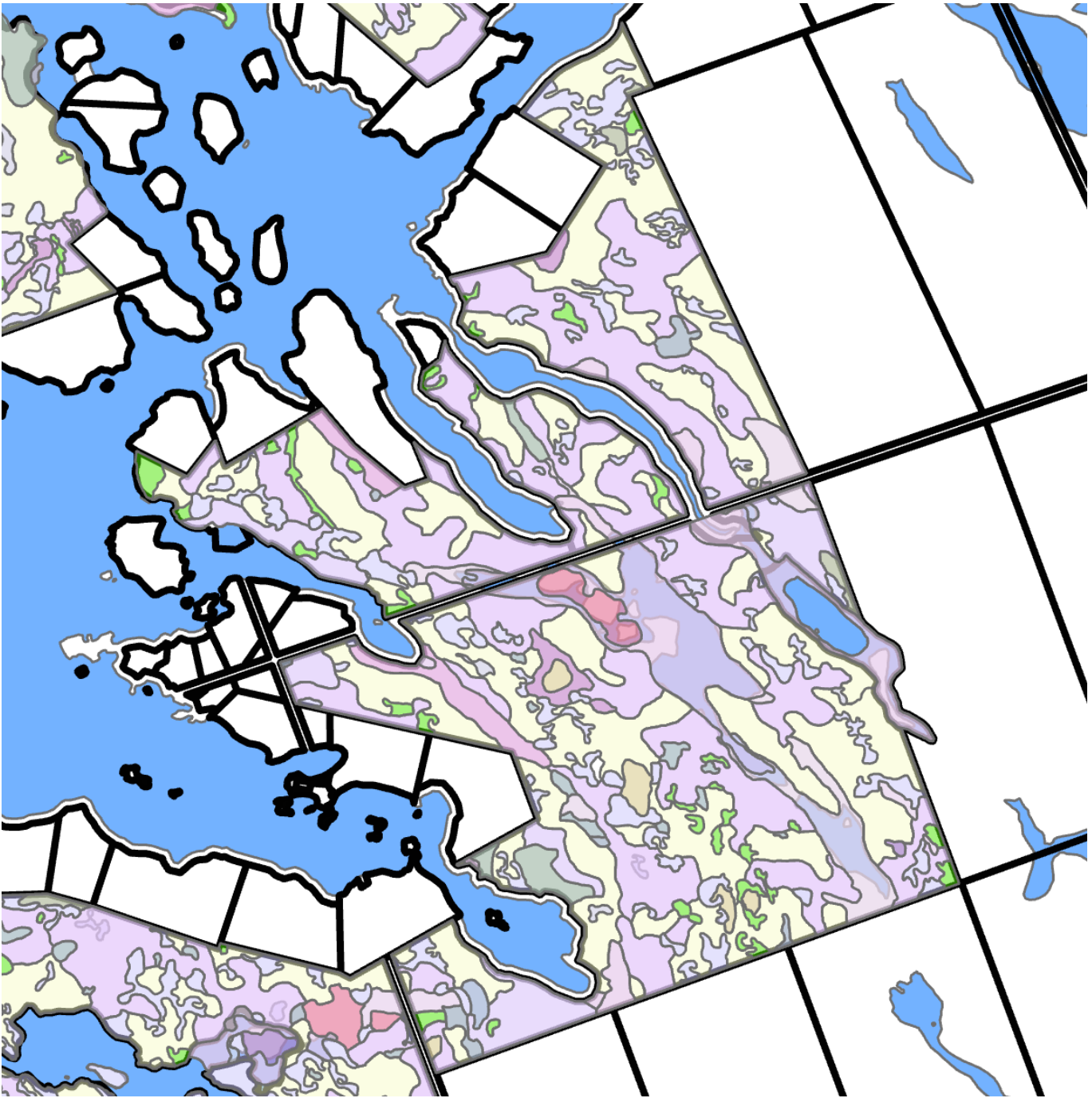
ELC – Long Island Vegetation Communities



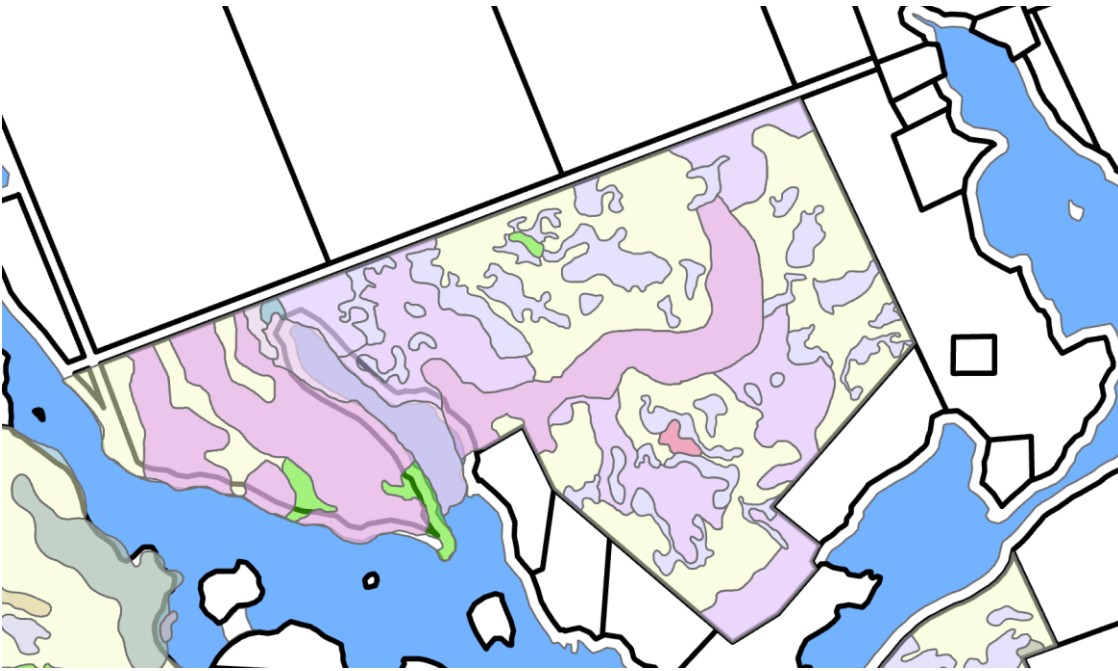
ELC Big Island Vegetation Communities



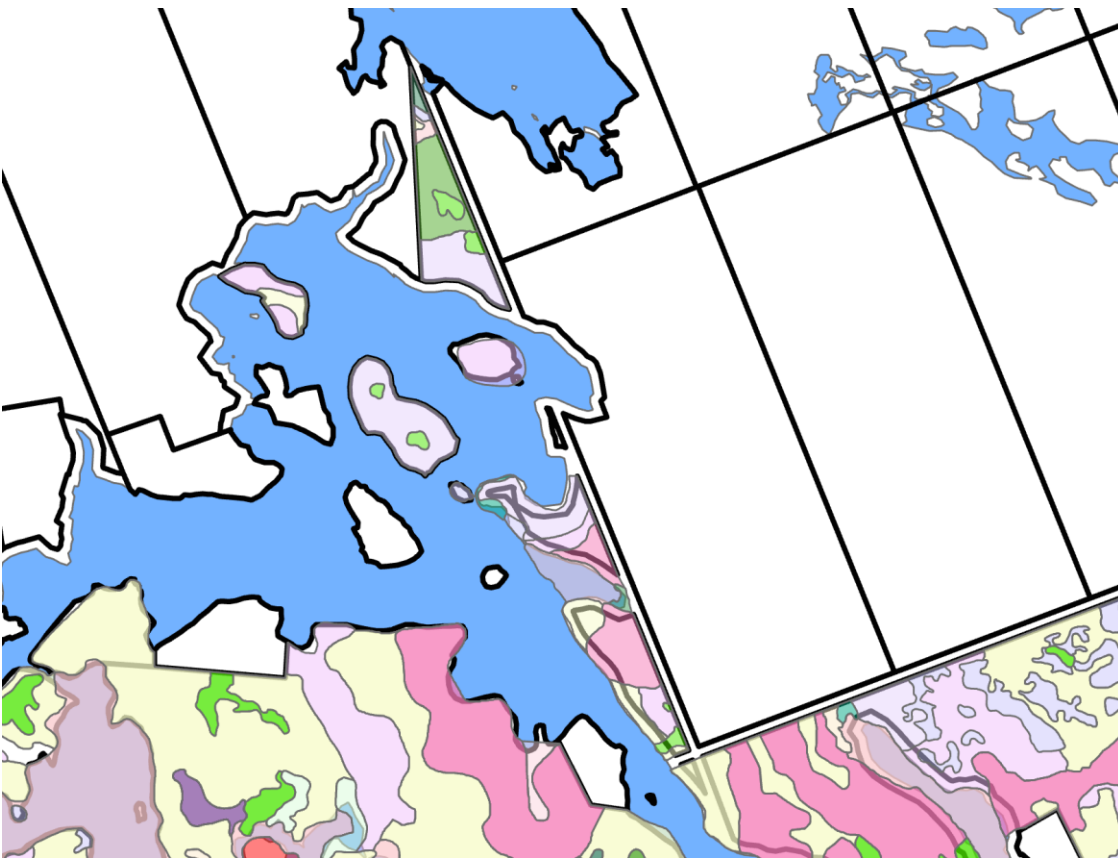
ELC – Lake St. Patrick Area Vegetation Communities



ELC – Riddell's Bay and south of Caretakers – Vegetation Communities



ELC – Vegetation Communities - East and north of Professor CHC Wright's (now Elgie) property



ELC – Pittsburgh and Moreau's Bay Area

4. Summary of Species/Communities of Conservation Concern

During inventories of the project lands (since 2019) staff GBLT ecologists have identified 22 federally and provincially listed species at risk. On COSEWIC 6 are endangered, 6 are threatened and 10 are special concern. 22 SARO (provincially) listed species were identified of which 4 are endangered, 6 provincially threatened and 10 of special concern.

This conservation project protects lands of high habitat diversity. The Go Home Bay area is identified as a Priority Place for Conservation in two regional/ecodistrict level conservation plans (Great Lakes Conservation Blueprint (GLCB) and NCC - GBLT Eastern Georgian Bay Natural Area Conservation Plan (EGB NACP). In the EGB NACP most of these lands score the highest conservation ranking for Island Biodiversity, Reptiles and Turtles and conservation Action and some areas in the southeastern section score priority 1 for Coastal Forests. The project's lands are ranked in the top 25% category under 3 assessment criteria: High Value Biodiversity, High Value Wetlands, High Value Forests in the Canadian Wildlife Services 2017 Conservation Assessment ""Landscape and Conservation Assessment for the Mixedwood Plains (BCR 13)"".

Repeated surveys over a period of 4 years have identified 26 vegetation communities on this large unfragmented area that contains habitat for over 200 plants, over 100 bird species, 25 herpetofauna, 21 mammals and over 40 insect species. Some of this information is summarized in Table 4 below. Complete flora and fauna observations can be found in the appendices.

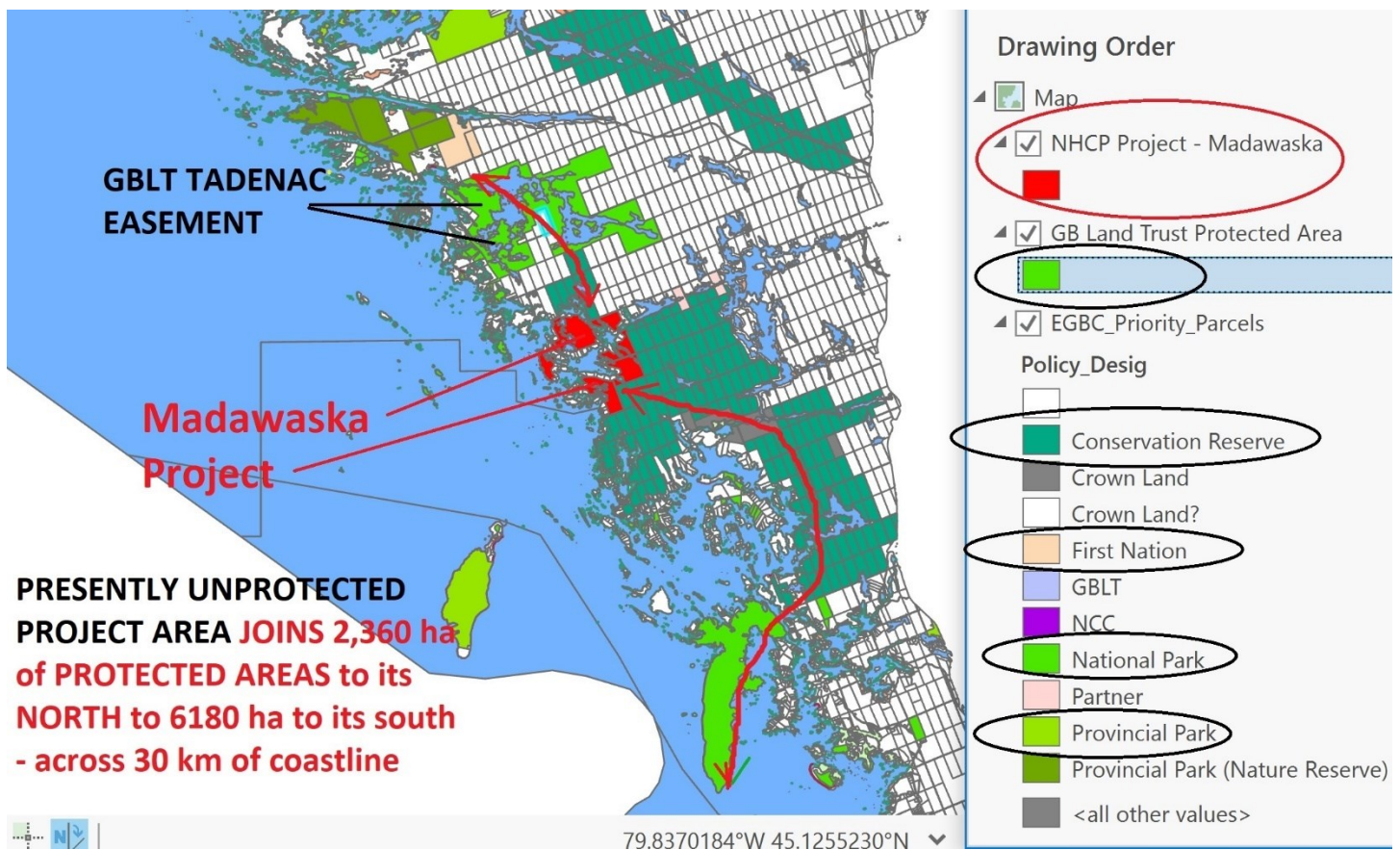
Table 4: Summary of Species/Communities of Conservation Concern and Conservation Targets

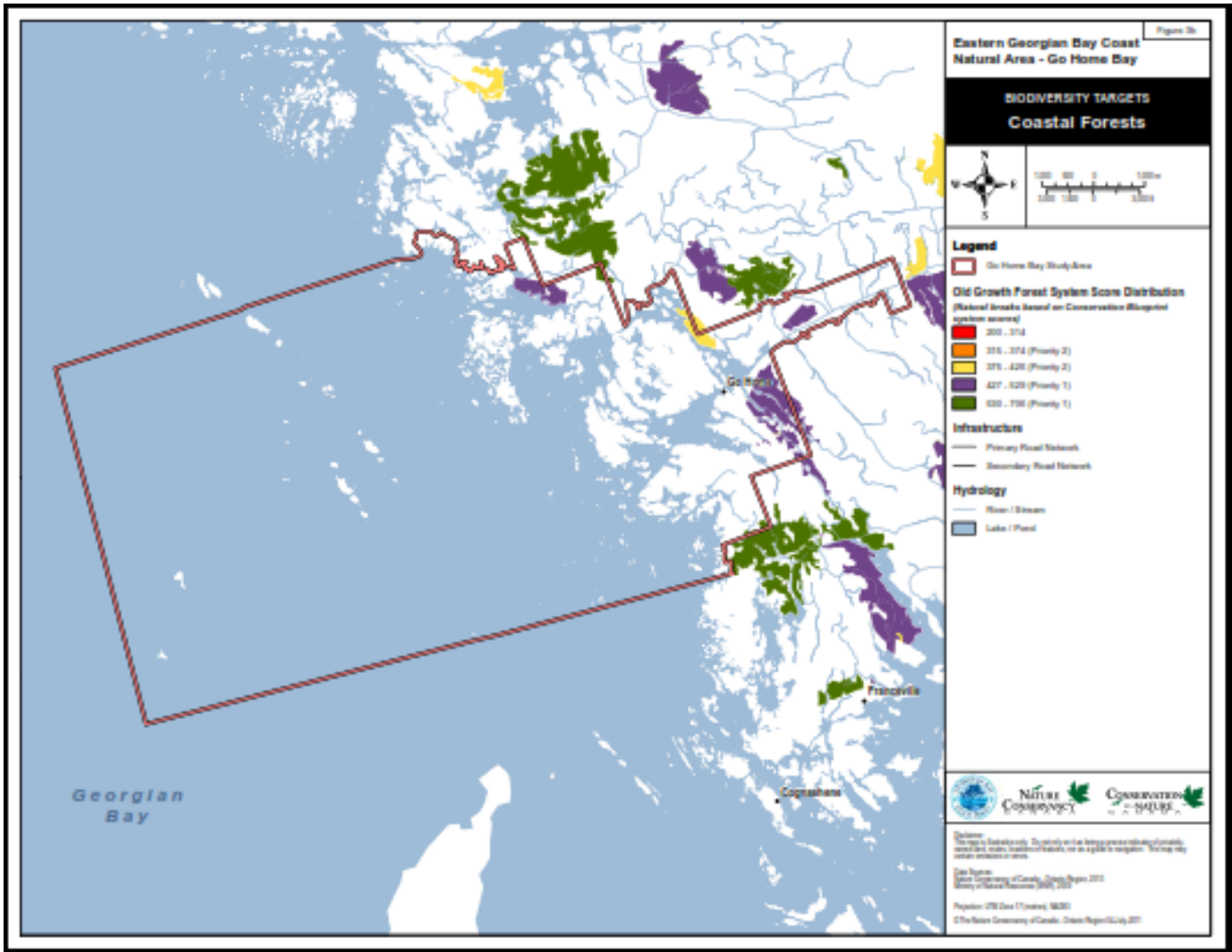
NACP rating/ Species	Habitat	S Rank	G Rank	Notes
Overall Conservation Priority Ranking Based on Ecological Score				All lands scored Priority 1 or 2 in the Eastern Georgian Bay Natural Area Conservation Plan (EGB NACP)
Island Biodiversity				Priority 1 in EGB NACP (see map)
Coastal Forests				Portions are Priority 1 in EGB NACP (see map)
Coastal Wetlands				Many wetlands are Priority 1 in EGB NACP (see map)
Reptiles and Turtles				All lands are denoted Priority 1 in EGB NACP (see map)
Spotted Turtle (<i>Clemmys guttata</i>)	Endangered species Restricted Information	S3, N3	G5	Repeated observations of this endangered species. Locations are restricted information in accordance with Ontario law.

Massasauga (<i>Sistrurus catenatus</i>)	Treed & shrubbed rock barrens, fens, bogs and forest communities	S3	G3G4 T3Q	Multiple Observations & Habitat supports this species
Northern Map Turtle (<i>Graptemys geographica</i>)	Islands and coastal wetlands and coastal shorelines	S3	G5	Multiple Observations & Habitat supports this species
Prairie Warbler (<i>Setophaga discolor</i>)	Areas of island perimeters	S2B	G5	Multiple Observations & Habitat supports this species
Eastern Foxsnake (<i>Elaphe vulpine gloydi</i>)	Island perimeter rock barrens, coastal wetlands, and forest communities	S3	G3TNR	Multiple Observations & Habitat supports this species
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	N/A	S2N, S4B	G5	Observed using territory & Habitat supports this species
Eastern Wood-pewee (<i>Contopus virens</i>)	Island Forests	S4B	G5	Multiple Observations & Habitat supports this species
Midland Painted Turtle (<i>Chrysemys picta marginata</i>)	SWM, SAF	S4	G5T5	Multiple Observations & Habitat supports this species
Blanding's Turtle (<i>Emydoidea blandingii</i>)	SWM, SAF Ranging over all habitats	S3	G4TNR	Observed & Habitat supports this species
Eastern hog-nosed snake (<i>Heterodon platirhinos</i>)	RBO/ /FOM/RBT	S3	G5	Observed & Habitat supports this species
Eastern Wood-Pewee (<i>Contopus virens</i>)	FOM2 / FOM3	S4B	G5	Multiple Observations & Habitat supports this species
Monarch Butterfly (<i>Danaus plexippus</i>)	Cultural veg. communities and FOM, forest edges	S2N,S4 B	G4	Multiple Observations & Habitat supports this species
Eastern Whip-poor-will (<i>Antrostomus vociferus</i>)	FOM2/FOM3	S4B	G5	Multiple Observations & Habitat supports this species
Common Snapping Turtle (<i>Chelydra serpentina</i>)	SWM, SAF	S4	G5	Multiple Observations & Habitat supports this species

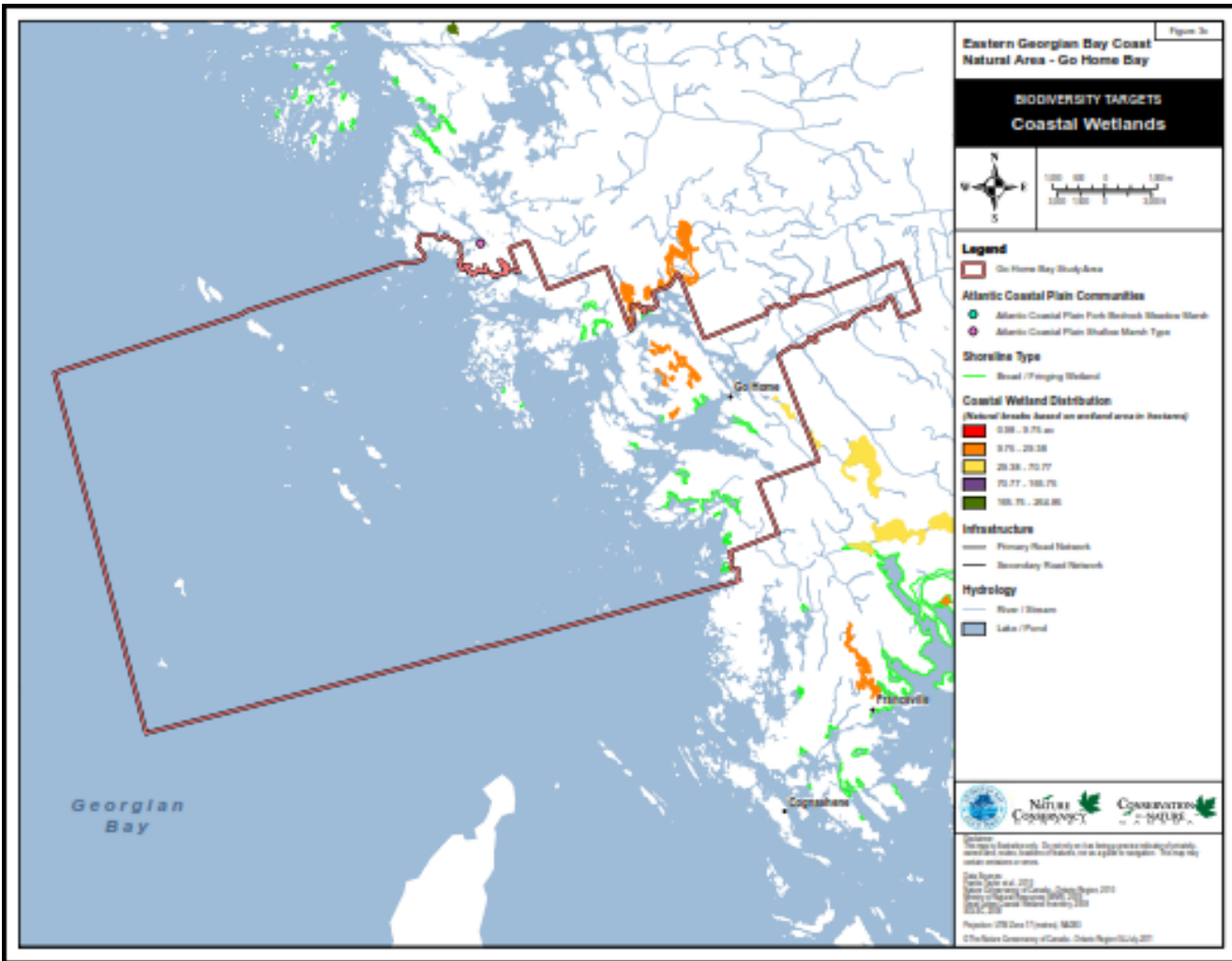
4.1 Conservation Values and Targets – Mapping

The maps below represent part of the dataset within the Eastern Georgian Bay Natural Area Plan (EGB NACP) (2011) authored by the Georgian Bay Land Trust and the Nature Conservancy of Canada. Additional detail is available at GBLT including High Biodiversity Habitat Mapping and Species at Risk Habitat Modelling conducted by GBLT from 2019 through 2023. These substantial lands form a critical connecting corridor and provide resilience against climate change. Maritime corridors are thought to be more temperately stable in the face of a warming climate.

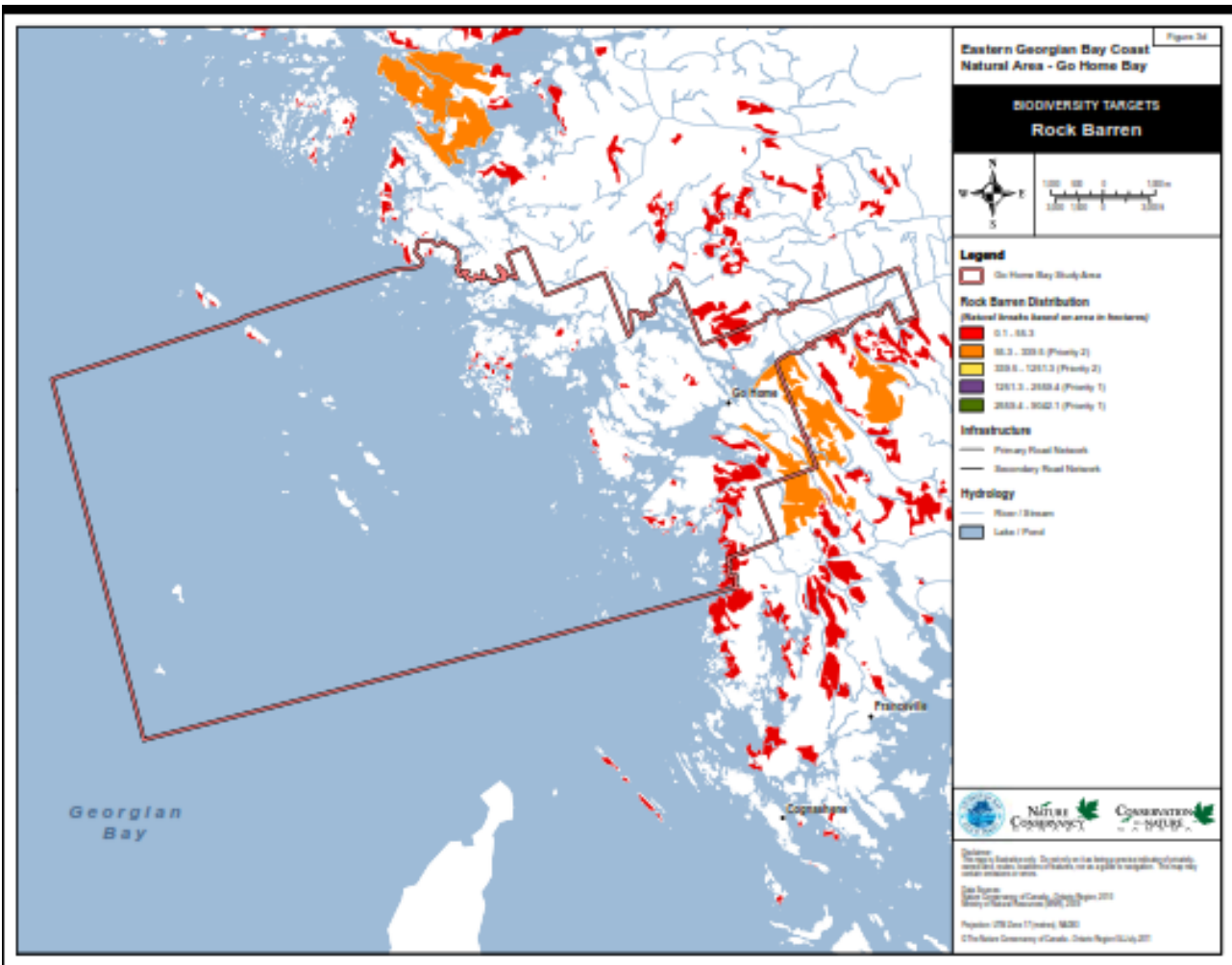




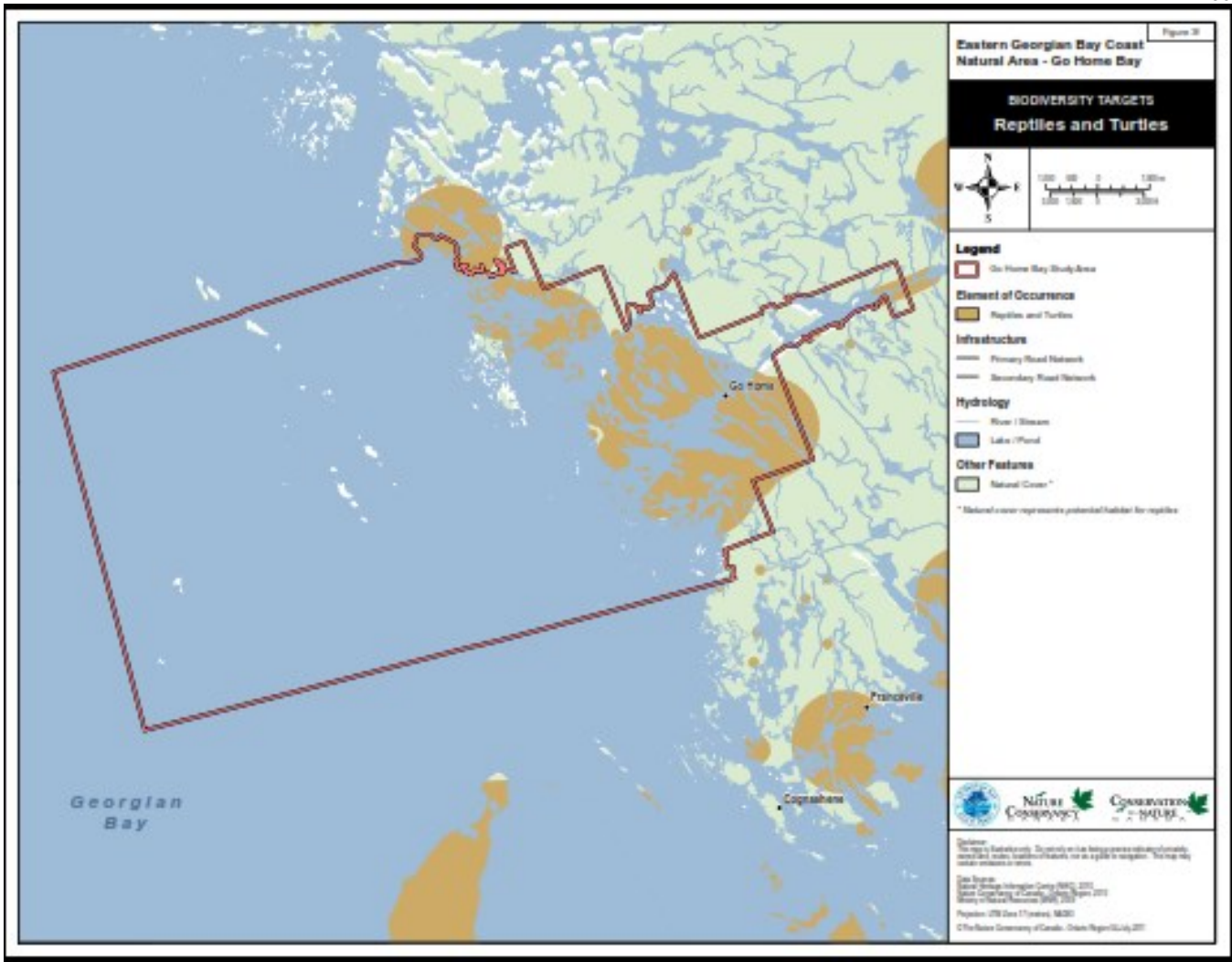
Eastern Georgian Bay Priority Coastal Forests (EGB NACP)



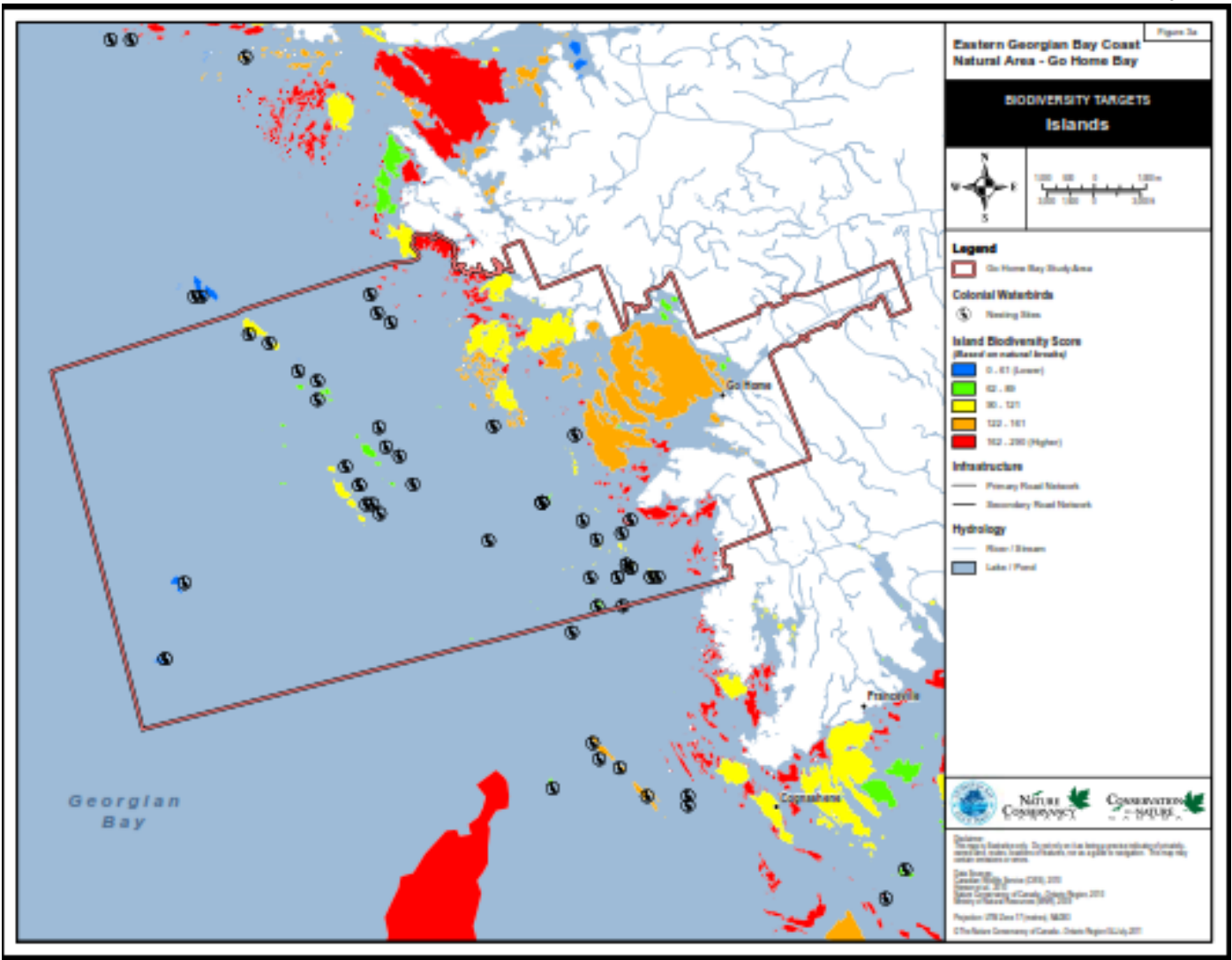
Priority Coastal Wetlands on Madawaska Club lands - EGB NACP



Priority 1 and 2 Biodiversity Targets – Rock Barrens – EGB NACP



Priority 1 Biodiversity Targets – Reptiles and Amphibians EGB NACP



Priority 1,2 Biodiversity Targets – Islands - EGB NACP

3.4 Condition

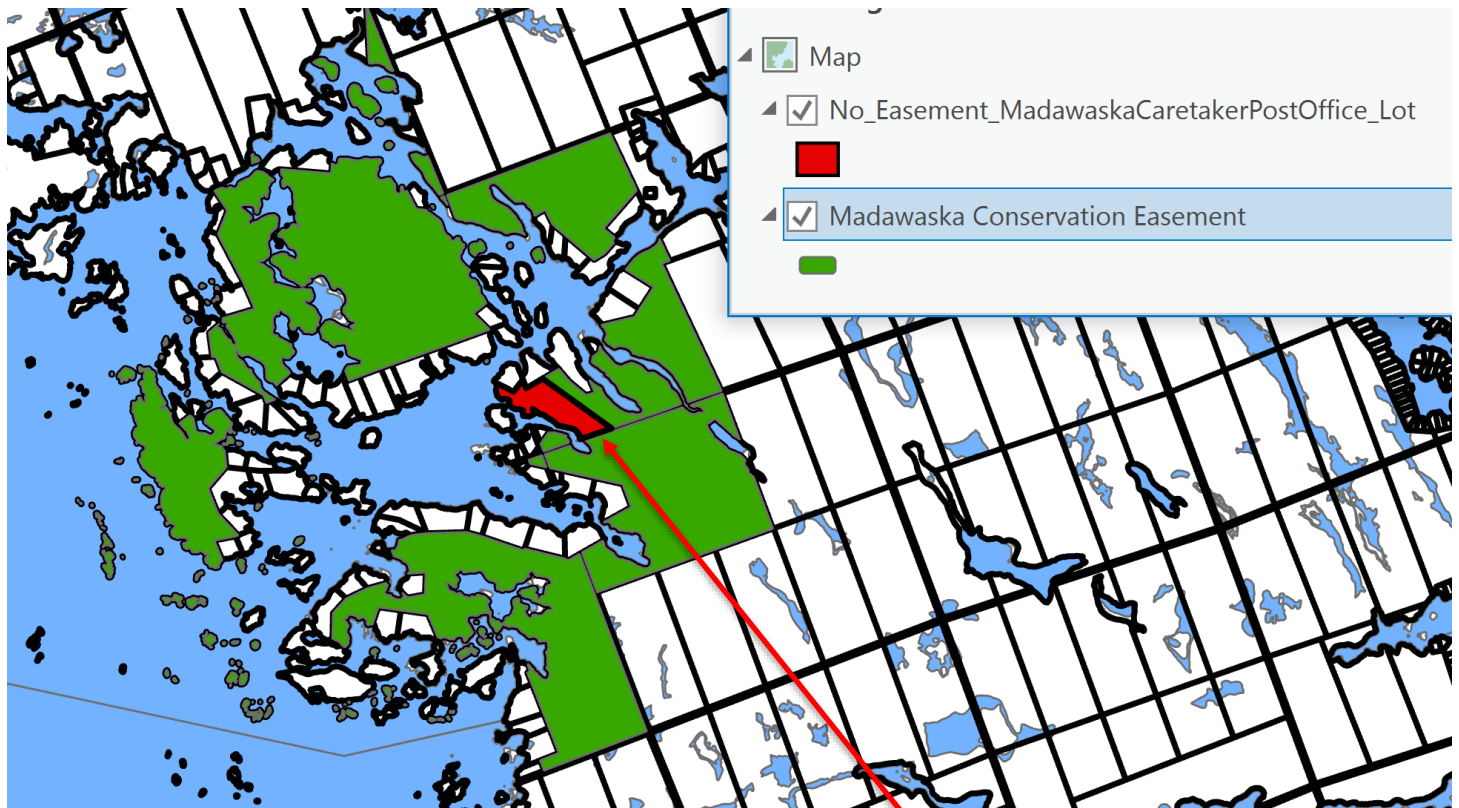
The property appears to have high ecological integrity. There is no evidence of human disturbance with the only exception being hydro service cut right of ways and a small Bell Canada Telephone Service hut on Big Island.

3.5 Landscape Context

4. BOUNDARY MAPS FOR THE CONSERVATION EASEMENT

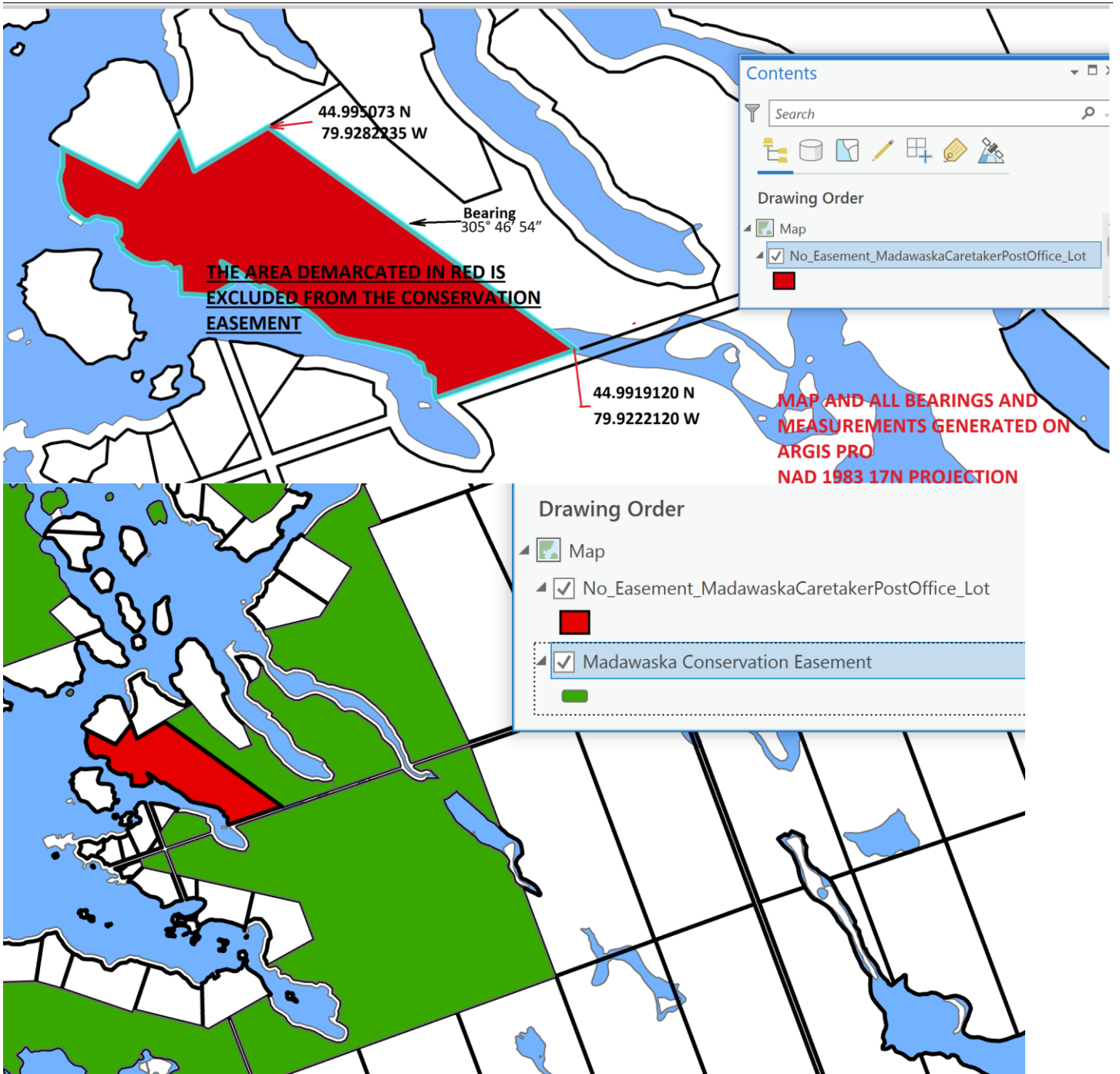
The Conservation Easement is being placed only on those parcels that are described in the Conservation Agreement (CA). The Conservation Easement is being registered on the entirety of all parcels as described in CA with the exception of the Main Dock to Caretaker parcel. On that parcel the CA limitations/restrictions shall not apply to the eastern portion of that lot as specifically delineated in the maps below for that parcel. The Main Dock to Caretaker parcel may be later severed and the Excluded Area may become a separate Parcel and be released at that time from any reference in Conservation Agreement.

The areas in green on the maps below designate areas where the CA constrains or restricts some activities in order to preserve Natural Heritage Values. For the area denoted in red in the maps below, the CA shall not restrict any of the uses, rights, privileges or activities of the landowner whatsoever.

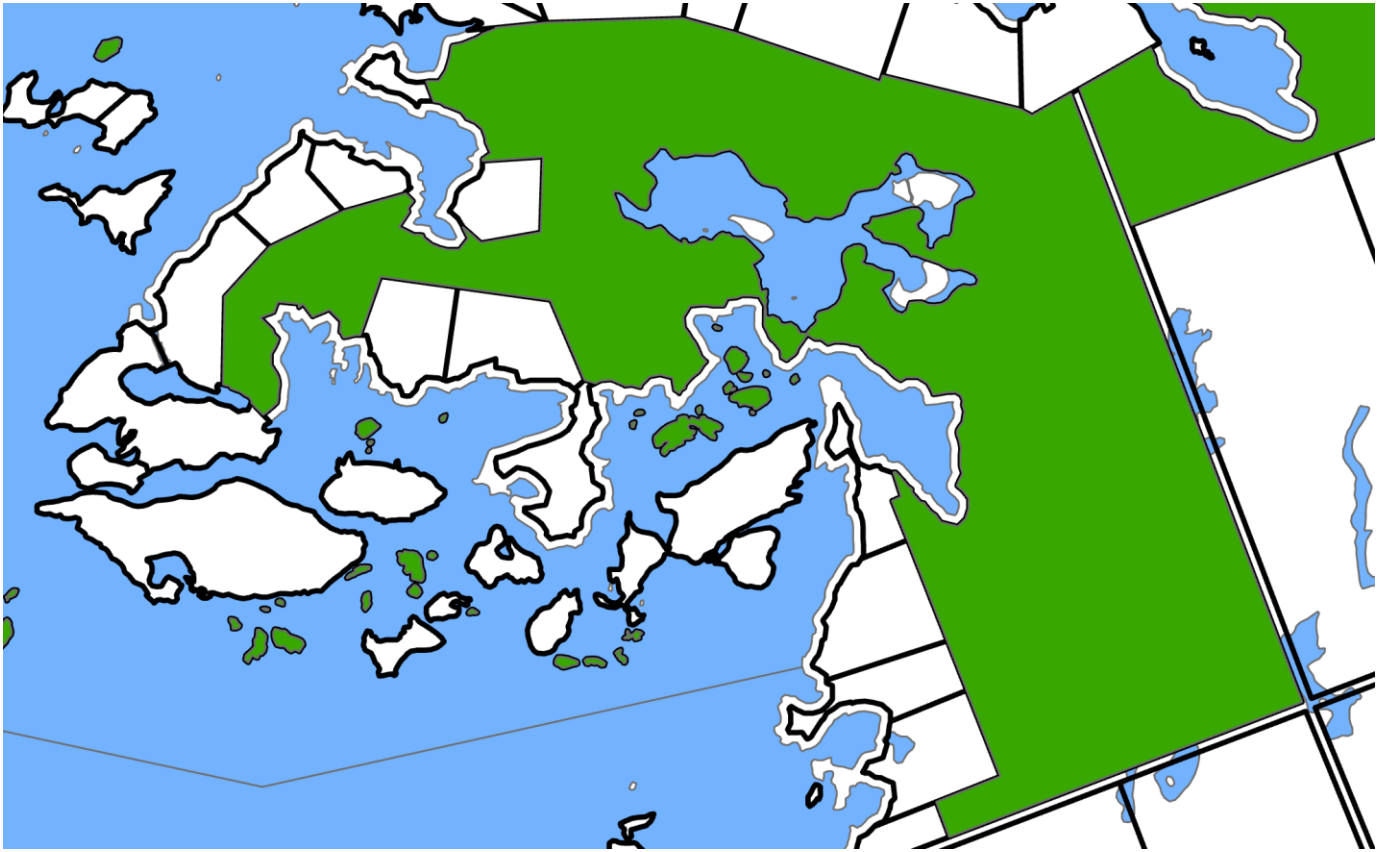


Areas Protected by Conservation Easement are in GREEN

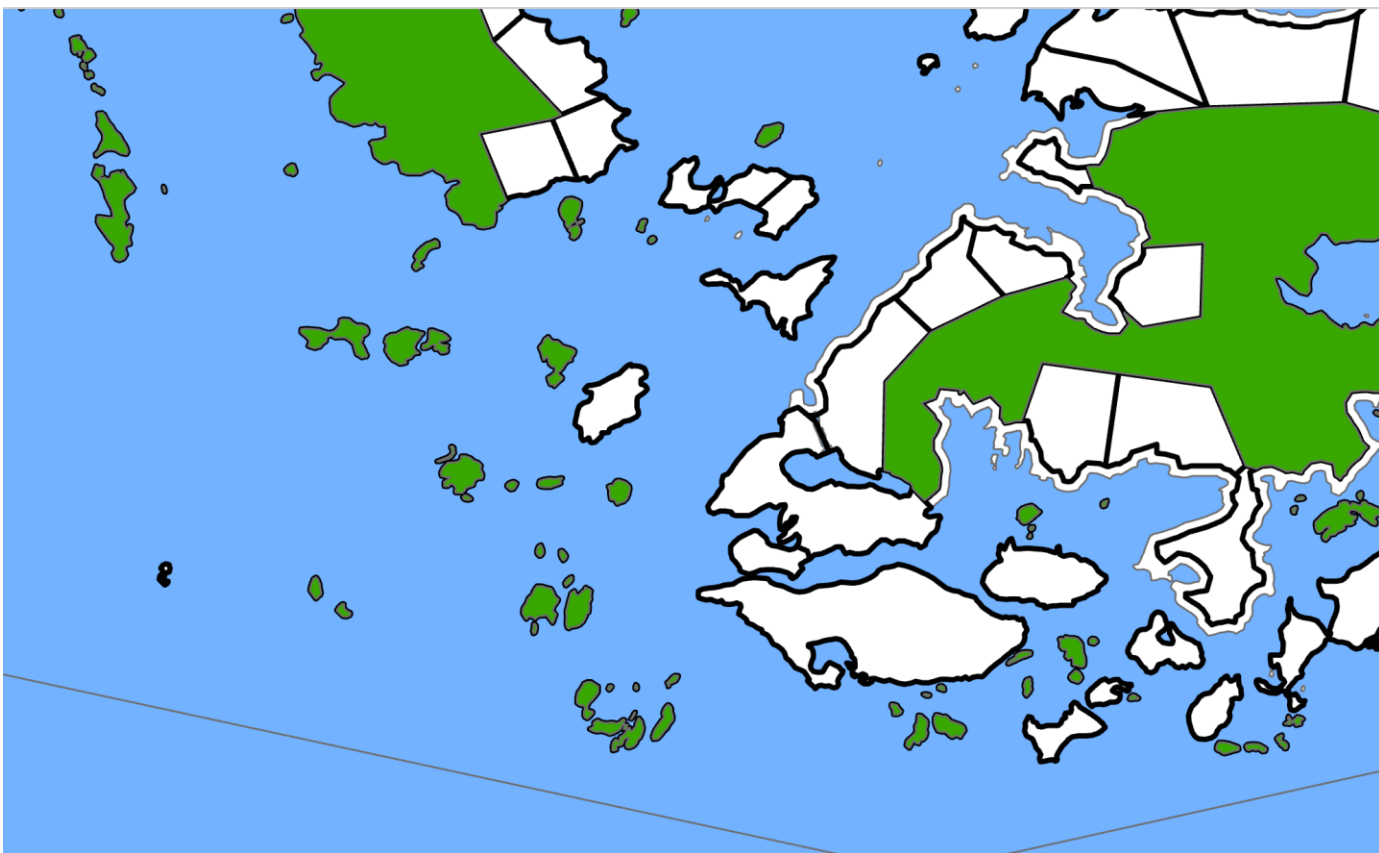
Excluded Area where all landowner rights remain unrestricted is in RED as per arrow



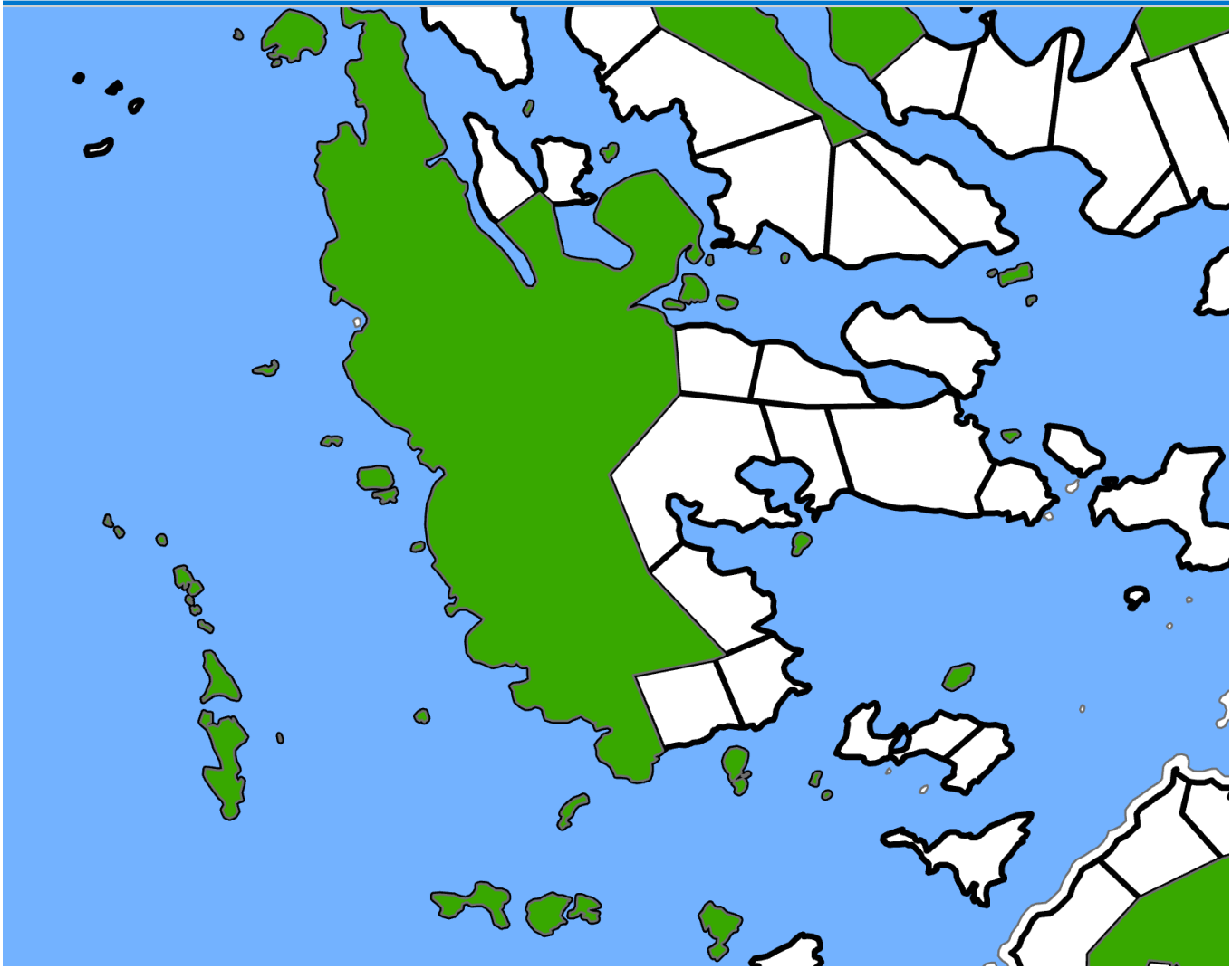
Close-up showing area in red not restricted by Conservation Easement



Conservation Easement areas – Lake St. Patrick area



Easement Lands (GREEN) – southwest area of Go Home including islands



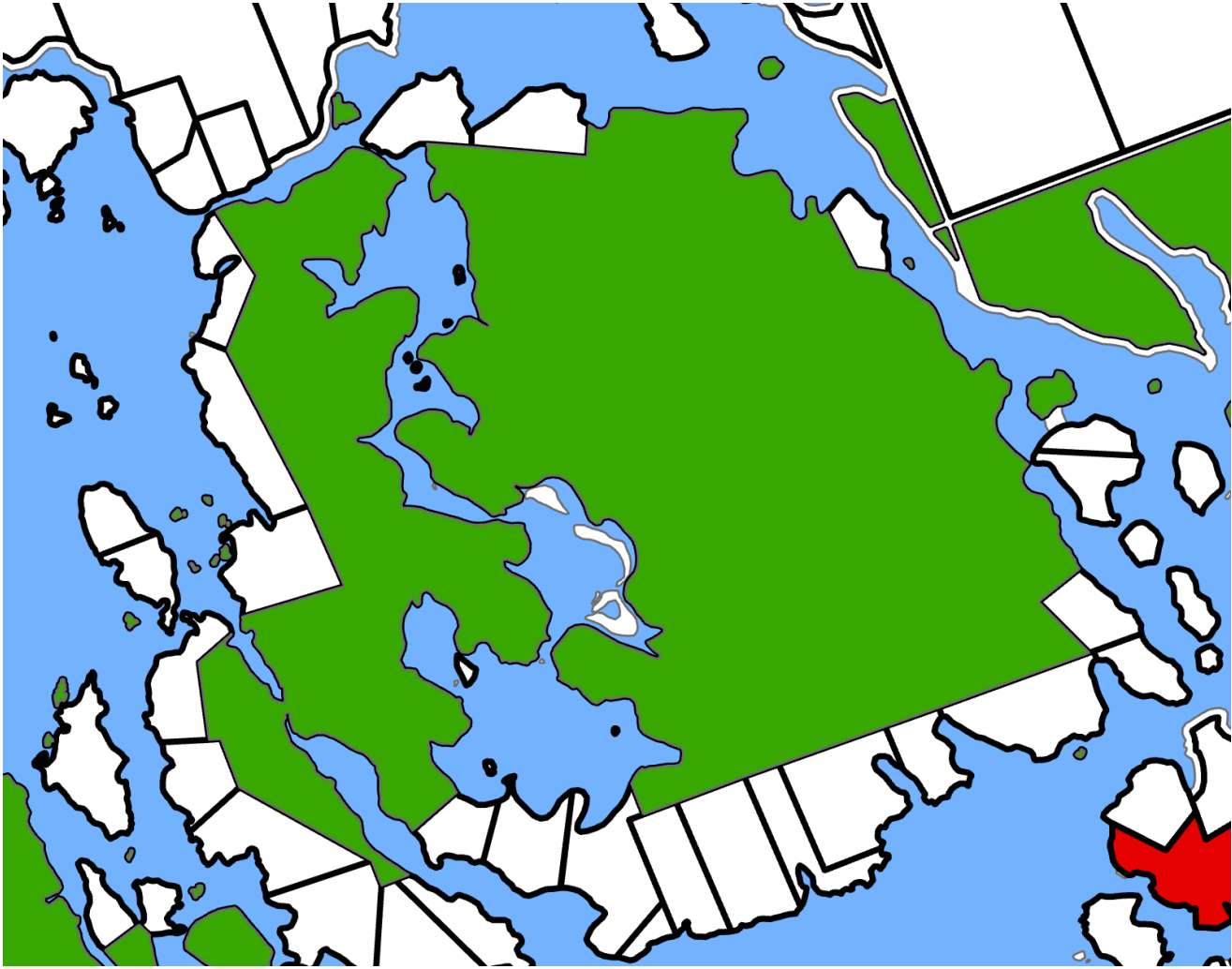
Easement Lands (GREEN) – south part of Long Island and outer islands



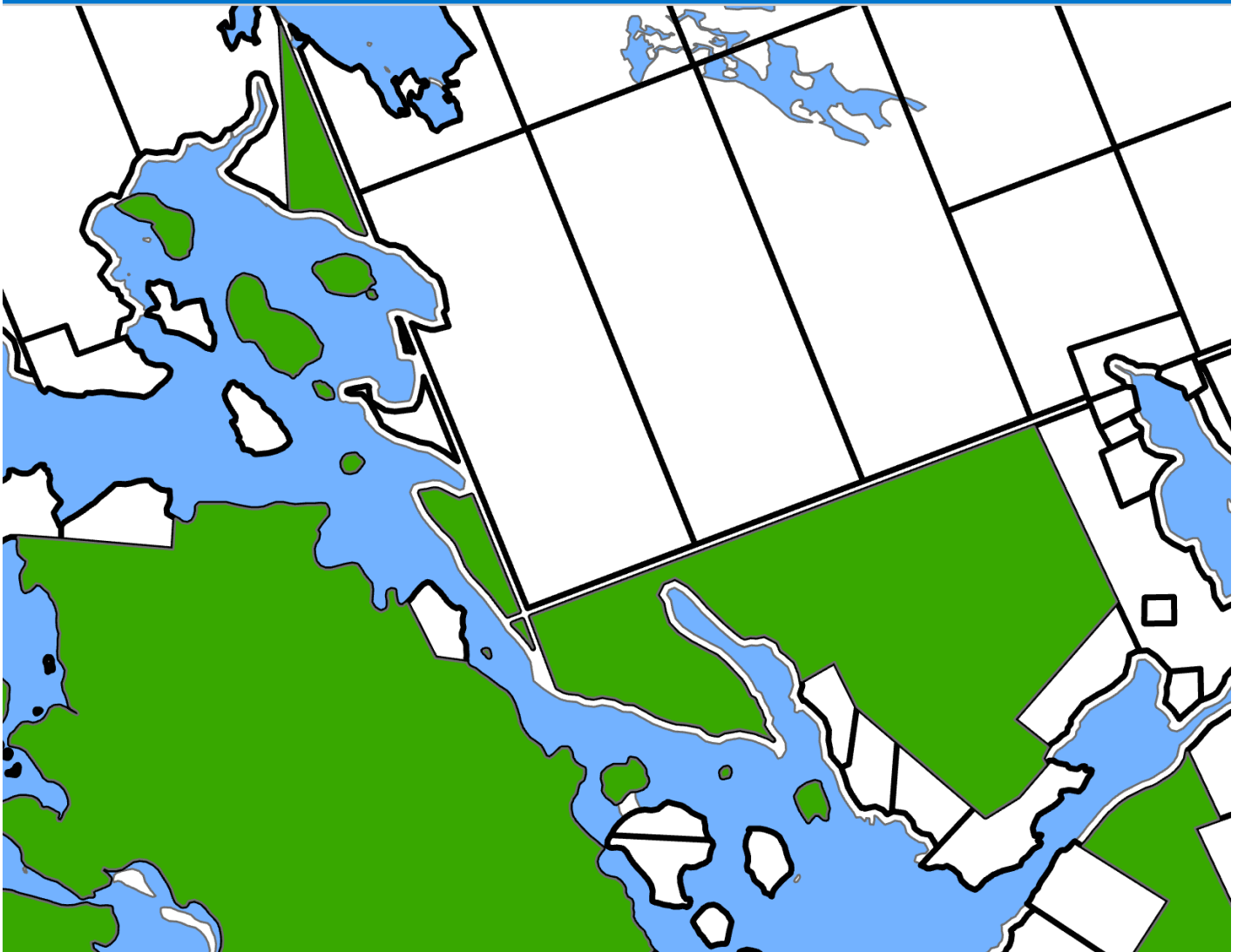
Easement Land (GREEN) – North end of Long Island and nearby islands



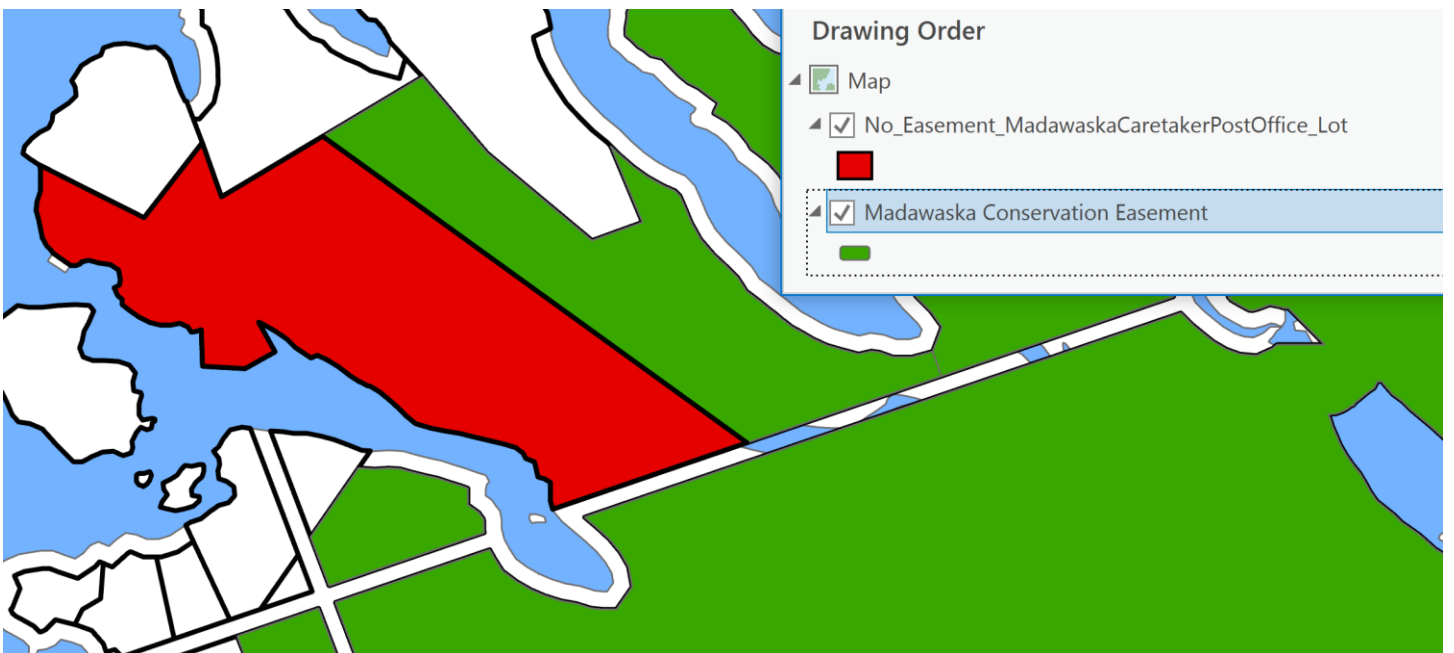
Easement Lands (GREEN) – south part of Big Island



Easement Lands (GREEN) – Big Island



Easement Lands (GREEN) - Pittsburgh Channel



Main Dock to Caretaker's – Easement Lands in GREEN – Non-restricted lands in RED

5 LAND USE

5.1 Historical and Current Land Use

The Subject Property contains a mix of forests, rock barrens, coastal and upland wetlands and swamps. There is no evidence of any structures on the property except for a Ball Telephone hut, so protection of these lands is consistent with the landowner's consistent and good stewardship of the natural heritage values since 1898.

There are existing trails on the property and multiple evidence of game trails.

Table 5: Summary of Historical and Permitted Land Use

Use	Historical	Existing	Permitted?	Description/ Evidence/Notes
All Uses detailed in the Conservation Agreement	Not applicable	Not applicable	All Permitted Uses detailed in the Conservation Agreement are Allowed	
Commercial Activities				
Timber Harvest	Y	N	N (excepting any retained right of Ontario to White Pine Harvesting on private lands)	
Energy Transmission and Communications Corridors, telephone lines. Bell Canada and Hydro 1 have registered easements on parts of these lands (refer to land titles)	Y	Y	Y Pursuant to such utility easements, rights of way, leases, licences and other similar agreements, the Property Owner shall be entitled to permit such utilities or their authorized persons all reasonable access to the Open Lands to	

			enable such utilities to maintain their power and utility lines, towers or other similar structures so as to be able to continue to provide their services pursuant to the rights granted to them.	
Land and Resource Management Activities				
Fire Suppression	Y	Y	Y	
Managed Forest and Managed Forest Plan Activities allowing forest harvesting according to good management practices	Y	Y	Y Cutting of dead or dying trees or clearing of trails is additionally permitted	
Insect/disease Suppression	Not known	Not known	Y (with adherence to MNRF protocols)	
Wildlife Population Management	N	N	N	
Recreational Activities				
Science, Education and Heritage Appreciation	Y	Y	Y	
Nature Appreciation	Y	Y	Y	
Photography and Painting	Y	Y	Y	
Wildlife Viewing	Y	Y	Y	
Recreation				

Activities and Facilities				
Camping	Y	Y	Y	
Hunting according to provincial and federal regulations	Y	Y	Y	
Hiking/Cross-Country Skiing	Y	Y	Y	
Snowmobiling	Y	Y	Y	
Sport Fishing	Y	Y	Y	
Trail Development	Y	Y	Y	
Trapping	Y	N	N (unless expressly approved on a case-by-case basis by the provincial ministry)	
Kayaking	Y	Y	Y	
Other			Y All other anticipated or unanticipated permissible uses as described by the Conservation Agreement	

4.2 List of Existing Improvements and Disturbances

There are hydro service corridors on the property and a Bell Service hut on Big Island.



44.99484

-79.948871

Clear

Bell Service Hut Located at the Long. Lat. Co-ordinates above (Muskoka GeoHub, Esri Platform)



Existing Hydro Corridors – Big Island (ArcGIS Shapefiles with longitude/latitude vertices transmitted to both Parties and stored in GBLT. Database Projection: NAD 1983 17N)



Existing Hydro Corridors – Caretaker Site (ArcGIS Shapefiles with longitude/latitude vertices transmitted to both Parties and stored in GBLT. Database Projection: NAD 1983 17N)



Existing Hydro Corridors – Lake St. Patrick Area (ArcGIS Shapefiles with longitude/latitude vertices)

transmitted to both Parties and stored in GBLT. Database Projection: NAD 1983 17N)

4.3 Condition of Boundaries

Boundaries consist of lot lines. These lands were surveyed originally by Singh in the early 1900's and later by 'Dale in 1975 and resurveyed by Redmond & Associates post 2000. The Benchmarks and Survey Pins, where observed, were in good condition. Complete Reference Plans are available in the Land Registry Office.

4.4 Adjacent Land Use

The adjacent land uses are for residential seasonal dwellings.

5 References

- Catling, P.M. and Brownell, V.R., 1999. 24 The Flora and Ecology of Southern Ontario Granite Barrens. *Savannas, barrens, and rock outcrop plant communities of North America*, p.392.
- Chapman, L.J. and D.F Putnam. 1984.
The Physiography of Southern Ontario - Third Edition. Ontario Geological Survey, Special Volume 2.
- Lee, H.T., W.D. Bakowsky, J. Riley, J. Bowles, M. Puddister, P. Uhlig and S. McMurray. 1998. Ecological land classification for Southwestern Ontario: first approximation and its application. Ontario Ministry of Natural Resources, South Central Region, Science Development and Transfer Branch

Appendix 1

Madawaska Inventoried Species Lists

AND SPECIES LIST

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Interrupted Clubmoss	<i>Spinulum annotinum</i>	S5	2023	2000	
Fan Clubmoss	<i>Diphasiastrum digitatum</i>	S5	2023	2010	
Flat-branched Tree-clubmoss	<i>Dendrolycopodium obscurum</i>	S4	2023	2018	
Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	S5	2022, 2023	6000	
Royal Fern	<i>Osmunda spectabilis</i>	S5	2022, 2023	6006	
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2022, 2023	9102	
Northeastern Lady Fern	<i>Athyrium filix-femina angustum</i>	S5	2022, 2023	9302	
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2022, 2023	9320	
Intermediate Wood Fern	<i>Dryopteris intermedia</i>	S5	2023	9334	172504843
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2022, 2023	9336	
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2022, 2023	9370	
Marsh Fern	<i>Thelypteris palustris</i>	S5	2022	9406	150491051*
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2022, 2023	9500	
Rock Polypody	<i>Polypodium virginianum</i>	S5	2022, 2023	9704	
Tamarack	<i>Larix laricina</i>	S5	2022, 2023	13004	
Black Spruce	<i>Picea mariana</i>	S5	2022, 2023	13010	
White Pine	<i>Pinus strobus</i>	S5	2022, 2023	13024	
Eastern Hemlock	<i>Tsuga canadensis</i>	S5	2022, 2023	13032	
Common Juniper	<i>Juniperus communis</i>	S5	2022, 2023	13500	
Eastern Red Cedar	<i>Juniperus virginiana</i>	S5	2023	13506	
White Cedar	<i>Thuja occidentalis</i>	S5	2017, 2023	13508	152776078
Broad-leaved Cattail	<i>Typha latifolia</i>	S5	2023	14002	
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2022, 2023	19018	
Long-awned Wood Grass	<i>Brachyelytrum erectum</i>	S4	2022	22084	
Northern Shorthusk	<i>Brachyelytrum aristosum</i>	S5	2023	22086	
Poverty Oat Grass	<i>Danthonia spicata</i>	S5	2023	22182	
Wavy Hair Grass	<i>Avenella flexuosa</i>	S5	2023	22190	
Slender Dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023	22240	
Rosette Grass sp.	<i>Dichanthelium sp.</i>		2022	22241	150490935*
Rattlesnake Manna Grass	<i>Glyceria canadensis</i>	S5	2022, 2023	22342	
Rice Cutgrass	<i>Leersia oryzoides</i>	S5	2023	22388	
White-grained Mountain-Ricegrass	<i>Oryzopsis asperifolia</i>	S5	2023	22446	
Reed Canarygrass	<i>Phalaris arundinacea</i>	S5	2023	22484	
Drooping Woodland Sedge	<i>Carex arctata</i>	S5	2023	23038	
Fibrous-rooted Sedge	<i>Carex communis</i>	S5	2022, 2023	23104	150491038
Fringed Sedge	<i>Carex crinita</i>	S5	2023	23120	
Nodding Sedge	<i>Carex gynandra</i>	S5	2023	23204	
Bladder Sedge	<i>Carex intumescens</i>	S5	2022, 2023	23236	
Sallow Sedge	<i>Carex lurida</i>	S4S5	2022, 2023	23282	152931647
Pointed Broom Sedge	<i>Carex scoparia</i>	S5	2022	23400	
Tussock Sedge	<i>Carex stricta</i>	S5	2023	23418	
Three-seeded Sedge	<i>Carex trisperma</i>	S5	2023	23448	172505798
Northwest Territory Sedge	<i>Carex utriculata</i>	S5	2023	23456	
Sedge sp.	<i>Carex sp.</i>		2022	23481	150490966*
Smooth Saw Sedge	<i>Cladium mariscoides</i>	S5	2023	23506	172507291
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2022, 2023	23540	
Tawny Cotton Grass	<i>Eriophorum virginicum</i>	S5	2022, 2023	23610	
White Beaked Sedge	<i>Rhynchospora alba</i>	S5	2022, 2023	23632	
Brown-beak Rush	<i>Rhynchospora capitellata</i>	S4	2022	23636	
Woolgrass	<i>Scirpus cyperinus</i>	S5	2022, 2023	23650	
Three-Square Bulrush	<i>Schoenoplectus pungens</i>	S5	2023	23670	
Wild Calla	<i>Calla palustris</i>	S5	2023	24006	
Bog Yellow-eyed Grass	<i>Xyris difformis</i>	S4	2022, 2023	26000	
Common Pipewort	<i>Eriocaulon aquaticum</i>	S5	2022	27000	
Pickerelweed	<i>Pontederia cordata</i>	S5	2023	30004	173500226
Canada Rush	<i>Juncus canadensis</i>	S5	2023	31022	
Soft Rush	<i>Juncus effusus</i>	S5	2022, 2023	31028	
Blue Bead Lily	<i>Clintonia borealis</i>	S5	2022, 2023	32030	
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2022, 2023	32058	
False Solomon's Seal	<i>Maianthemum racemosum</i>	S5	2022	32062	
Three-leaved False Solomon's Seal	<i>Maianthemum trifolium</i>	S5	2022, 2023	32066	

Hairy Solomon's-Seal	<i>Polygonatum pubescens</i>	S5	2022, 2023	32086	
Marsh Bellwort	<i>Uvularia grandiflora</i>	S5	2023	32110	
Blue Flag Iris	<i>Iris versicolor</i>	S5	2022, 2023	36014	
Blue-eyed Grass sp.	<i>Sisyrinchium sp.</i>		2022	36026	
Tuberous Grasspink	<i>Calopogon tuberosus</i>	S4S5	2023	39008	
Pink Lady Slipper	<i>Cypripedium acaule</i>	S5	2022, 2023	39022	
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2023	39052	173824648 173502286
White-fringed Orchid	<i>Platanthera blephariglottis</i>	S4?	2023	39082	
Club-spur Orchid	<i>Platanthera clavellata</i>	S4	2023	39088	
Rose Pogonia	<i>Pogonia ophioglossoides</i>	S4S5	2022, 2023	39120	
Slender Ladies' Tresses	<i>Spiranthes lacera</i>	S4S5	2023	39126	176004518*
Trembling Aspen	<i>Populus tremuloides</i>	S5	2023	41016	
Sweet Gale	<i>Myrica gale</i>	S5	2022, 2023	42002	
Speckled Alder	<i>Alnus incana ssp. rugosa</i>	S5	2023	45004	
White Birch	<i>Betula papyrifera</i>	S5	2022, 2023	45020	
Ironwood	<i>Ostrya virginiana</i>	S5	2022	45046	
White Oak	<i>Quercus alba</i>	S5	2022, 2023	46004	
Red Oak	<i>Quercus rubra</i>	S5	2022, 2023	46020	
Bastard Toadflax	<i>Comandra umbellata</i>	S5	2022, 2023	51000	150490994
Fringed Bindweed	<i>Fallopia cilinodis</i>	S5	2023	54030	
Dotted Knotweed	<i>Persicaria punctata</i>	S5	2022, 2023	54062	
Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2022, 2023	54070	
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2022, 2023	54086	150490977
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2023	63002	
White Water Lily	<i>Nymphaea odorata</i>	S5	2022, 2023	63006	
Watershield	<i>Brasenia schreberi</i>	S5	2023	63600	
Wild Columbine	<i>Aquilegia canadensis</i>	S5	2022	64026	
Threelobed Goldthread	<i>Coptis trifolia</i>	S5	2022	64050	
Rock Harlequin	<i>Capnoides sempervirens</i>	S5	2022, 2023	71508	
Purple Pitcher Plant	<i>Sarracenia purpurea purpurea</i>	S5	2022, 2023	75000	
Round-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2023	76006	
Spoon-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2023	76006	170002162
Skunk Currant	<i>Ribes glandulosum</i>	S5	2022, 2023	79508	
Downy Juneberry	<i>Amelanchier arborea</i>	S5	2022	82016	
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016	
Black Chokeberry	<i>Aronia melanocarpa</i>	S5	2022	82028	
Marsh Cinquefoil	<i>Comarum palustre</i>	S5	2023	82032	
Wild Strawberry	<i>Fragaria virginiana</i>	S5	2022, 2023	82162	
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2022, 2023	82226	
Pin Cherry	<i>Prunus pensylvanica</i>	S5	2022	82274	
Black Cherry	<i>Prunus serotina</i>	S5	2022	82288	150491025
Chokecherry	<i>Prunus virginiana</i>	S5	2023	82294	176004808*
Swamp Rose	<i>Rosa palustris</i>	S5	2023	82322	
Common Dewberry	<i>Rubus flagellaris</i>	S4	2022	82348	150490963
Common Dewberry	<i>Rubus flagellaris</i>	S4	2023	82348	
Swamp Dewberry	<i>Rubus hispidus</i>	S4	2023	82352	
Black Raspberry	<i>Rubus occidentalis</i>	S5	2023	82360	
Mountain Ash	<i>Sorbus americana</i>	S5	2023	82380	
White Spiraea	<i>Spiraea alba</i>	S5	2022, 2023	82386	
Steeplebush	<i>Spiraea tomentosa</i>	S5	2023	82398	
Wild Red Raspberry	<i>Rubus idaeus</i>	S5	2022, 2023	82536	
Marsh Pea	<i>Lathyrus palustris</i>	S5	2023	83124	
Fringed Polygala	<i>Polygala paucifolia</i>	S5	2023	91006	
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2022, 2023	97010	
Staghorn Sumac	<i>Rhus typhina</i>	S5	2022	97018	
Winterberry Holly	<i>Ilex verticillata</i>	S5	2022, 2023	99002	
Mountain Holly	<i>Ilex mucronata</i>	S5	2022, 2023	99004	
Striped Maple	<i>Acer pensylvanicum</i>	S4	2023	102006	
Red Maple	<i>Acer rubrum</i>	S5	2022, 2023	102012	
Silver Maple	<i>Acer saccharinum</i>	S5	2023	102014	
Jewelweed	<i>Impatiens capensis</i>	S5	2022, 2023	105000	

Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023	105000	
Pale St. John's-wort	<i>Hypericum ellipticum</i>	S5	2023	111010	
Virginia Marsh St. John's-wort	<i>Hypericum virginicum</i>	S4	2022, 2023	111028	129197033
Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2022, 2023	115024	
Alpine Enchanter's Nightshade	<i>Circaea alpina</i>	S5	2023	125002	
Broad-leaved Enchanter's Nightshade	<i>Circaea canadensis</i>	S5	2023	125006	
Bristly Sarsaparilla	<i>Aralia hispida</i>	S5	2014, 2023	128002	169999812 152756343
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2022, 2023	128004	
Bulb-bearing Water-hemlock	<i>Cicuta bulbifera</i>	S5	2023	129022	
Bunchberry	<i>Cornus canadensis</i>	S5	2022, 2023	130006	
Ghost Pipes	<i>Monotropa uniflora</i>	S5	2022, 2023	132002	
Bog Rosemary	<i>Andromeda polifolia</i>	S5	2023	133000	
Bearberry	<i>Arctostaphylos uva-ursi</i>	S5	2023	133010	
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2022	133014	
Creeping Snowberry	<i>Gaultheria hispidula</i>	S5	2022	133018	
Wintergreen	<i>Gaultheria procumbens</i>	S5	2022, 2023	133020	
Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2022, 2023	133022	
Labrador Tea	<i>Rhododendron groenlandicum</i>	S5	2023	133032	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2022, 2023	133040	
American Cranberry	<i>Vaccinium macrocarpon</i>	S4	2022, 2023	133046	
Common Pipsissewa	<i>Chimaphila umbellata</i>	S5	2023	133504	
Swamp Candles	<i>Lysimachia terrestris</i>	S5	2022, 2023	135026	
Starflower	<i>Lysimachia borealis</i>	S5	2022, 2023	135052	
White Ash	<i>Fraxinus americana</i>	S4	2023	141004	
Bogbean	<i>Menyanthes trifoliata</i>	S5	2023	143500	
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	S5	2023	144000	
Swamp Milkweed	<i>Asclepias incarnata</i>	S5	2014, 2023	145004	152755264
Blue Vervain	<i>Verbena hastata</i>	S5	2023	150006	
American Waterhorehound	<i>Lycopus americanus</i>	S5	2022	151060	
American Bugleweed	<i>Lycopus americanus</i>	S5	2023	151060	
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2022, 2023	151068	
Marsh Skullcap	<i>Scutellaria galericulata</i>	S5	2023	151140	
Side-flowering Skullcap	<i>Scutellaria lateriflora</i>	S5	2022	151142	
Canada Mint	<i>Mentha canadensis</i>	S5	2022, 2023	151188	
Purple False Foxglove	<i>Agalinis purpurea</i>	S4S5	2022	153008	129196797
Narrow-leaved Cow Wheat	<i>Melampyrum lineare</i>	S5	2022, 2023	153092	
American Cancerroot	<i>Conopholis americana</i>	S4	2023	156000	173824549
Horned Bladderwort	<i>Utricularia cornuta</i>	S5	2022, 2023	157004	
Partridgeberry	<i>Mitchella repens</i>	S5	2022, 2023	161052	
Northern Bush-honeysuckle	<i>Diervilla lonicera</i>	S5	2020, 2023	162000	170876562 152759254
American Fly Honeysuckle	<i>Lonicera canadensis</i>	S5	2023	162008	
Wild Raisin	<i>Viburnum cassinoides</i>	S5	2022	162058	
Marsh Bellflower	<i>Campanula aparinoides</i>	S5	2023	167002	
Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2022, 2023	168190	
Bog Aster	<i>Oclemena nemoralis</i>	S4	2022	168194	129196922
Boneset	<i>Eupatorium perfoliatum</i>	S5	2022, 2023	168424	
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	S5	2022	168438	
Grape Woodbine	<i>Parthenocissus vitacea</i>	S5	2022, 2023	194328	
Sweetgrass	<i>Anthoxanthum hirtum</i>	S4	2022	1004480	
Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>	S5	2023	22241	
Marsh St. John's Wort sp.	<i>Hypericum sp.</i>		2023		

Birds

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Canada Goose	<i>Branta canadensis</i>	S5	2020, 2023	
Wood Duck	<i>Aix sponsa</i>	S5B	2019, 2022, 2023	
Mallard	<i>Anax platyrhynchos</i>	S5	2019	
American Black Duck	<i>Anas rubripes</i>	S4	2019	
Ring-necked Duck	<i>Aythya collaris</i>	S5B, S4N	2019	
Hooded Merganser	<i>Lophodytes cucullatus</i>	S5	2019	
Ruffed Grouse	<i>Bonasa umbellus</i>	S5	2020, 2022	
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	S4B	2022	
Sandhill Crane	<i>Antigone canadensis</i>	S5B, S3N	2020, 2022	
Ring-billed Gull	<i>Larus delawarensis</i>	S5	2019	
Common Loon	<i>Gavia immer</i>	S5	2019, 2022	
Double-crested Cormorant	<i>Nannopterum auritum</i>	S5B, S4N	2022, 2023	
American Bittern	<i>Botaurus lentiginosus</i>	S5B	2023	
Great Blue Heron	<i>Ardea herodias</i>	S4	2022, 2023	
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	S3B, S2N, S4M	2022	130258710
Turkey Vulture	<i>Cartharus aura</i>	S5B	2020, 2022, 2023	
Osprey	<i>Pandion haliaetus</i>	S5B	2023	
Northern Goshawk	<i>Accipiter gentilis</i>	S4	2022	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	S4, SARO SC	2023	
Broad-winged Hawk	<i>Buteo platypterus</i>	S5B	2020, 2022	
Belted Kingfisher	<i>Megaceryle alcyon</i>	S5B	2022, 2023	
Downy Woodpecker	<i>Dryobates pubescens</i>	S5	2022	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2020, 2022, 2023	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	2022	
Northern Flicker	<i>Colaptes auratus</i>	S5	2019, 2022, 2023	
Merlin	<i>Falco columbaris</i>	S5	2022	
Eastern Wood-pewee	<i>Contopus virens</i>	S4B, SARO SC, COSEWIC SC	2023	
Least Flycatcher	<i>Empidonax minimus</i>	S5B	2020	
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	2020, 2022, 2023	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2022, 2023	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S5B	2022, 2023	

Blue-eyed Vireo	<i>Vireo solitarius</i>	S5B	2023
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2022, 2023
Blue Jay	<i>Cyanocitta cristata</i>	S5	2019, 2020, 2022, 2023
American Crow	<i>Corvus brachyrhynchos</i>	S5	2022, 2023
Common Raven	<i>Corvus corax</i>	S5	2019, 2022, 2023
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2019, 2020, 2022, 2023
Tree Swallow	<i>Tachinyeta bicolor</i>	S4S5B	2023
Ruby-crowned Kinglet	<i>Corthylio calendula</i>	S5B	2019, 2022
Golden-crowned Kinglet	<i>Regulus satrapa</i>	S5	2019
Red-breasted Nuthatch	<i>Sitta candensis</i>	S5	2019, 2020, 2022, 2023
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	2023
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2019, 2020, 2022, 2023
Gray Catbird	<i>Dumetella carolinensis</i>	S5B	2022
Brown Thrasher	<i>Toxostoma rufum</i>	S4B	2020
Veery	<i>Catharus fuscescens</i>	S5B	2023
Hermit Thrush	<i>Catharus guttatus</i>	S5B	2019, 2020, 2023
American Robin	<i>Turdus migratorius</i>	S5	2023
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B	2022, 2023
American Goldfinch	<i>Spinus tristis</i>	S5	2020, 2022, 2023
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2020, 2022, 2023
Dark-eyed Junco	<i>Junco hyemalis</i>	S5	2019
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	S5B	2019, 2020
White-throated Sparrow	<i>Zonotrichia albicollis</i>	S5	2019, 2020, 2022, 2023
Song Sparrow	<i>Melospiza melodia</i>	S5	2019, 2020, 2022, 2023
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	2023
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4S5	2020, 2022, 2023
Red-winged Blackbird	<i>Aeglais phoenicus</i>	S5B	2022
Common Grackle	<i>Quiscalus quiscula</i>	S4B	2022, 2023
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2020, 2022, 2023
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	2022, 2023
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	S5B	2020, 2022, 2023
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	2020, 2022, 2023

American Redstart	<i>Setophaga ruticilla</i>	S5B	2022, 2023
Cape May Warbler	<i>Setophaga tigrina</i>	S5B	2020
Blackburnian Warbler	<i>Setophaga fusca</i>	S5B	2022
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	S5B	2020
Pine Warbler	<i>Setophaga pinus</i>	S5B	2020, 2022, 2023
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B	2020, 2022, 2023
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2020, 2023

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Dekay's Brownsnake	<i>Storeria dekayi</i>	S5	2022	150491088
Northern Map Turtle	<i>Graptemys geographica</i>	S3, SARO SC, COSEWIC SC	2022	
Massasauga	<i>Sistrurus catenatus</i>	S3, SARO THR, COSEWIC THR	2022	
Eastern Foxsnake	<i>Pantherophis vulpinus</i>	S3, SARO END, COSEWIC END	2022	
Eastern Gartersnake	<i>Thamnophis sirtalis sirtalis</i>	S5	2022	
Painted Turtle	<i>Chrysemys picta marginata</i>	S4, SARO SC	2022	
Smooth Green Snake	<i>Opheodrys vernalis</i>	S4	2022	
Red-bellied Snake	<i>Storeria occipitomaculata</i>	S5	2022	
Green Frog	<i>Lithobates clamitans</i>	S5	2022, 2023	173709406 152930611
American Bullfrog	<i>Lithobates catesbeianus</i>	S4	2022	
American Toad	<i>Anaxyrus americana</i>	S5	2022	
Spring Peeper	<i>Pseudacris crucifer</i>	S5	2022	
Leopard Frog	<i>Lithobates pipiens</i>	S5	2018, 2022, 2023	173828802 173825053 152930781 16841109 176002845*
Gray Treefrog	<i>Hyla versicolor</i>	S5	2022	

Mammals

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023	
Black Bear	<i>Ursus americanus</i>	S5	2023	152674445
Beaver	<i>Castor canadensis</i>	S5	2023	

Insects

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Cabbage White	<i>Pieris rapae</i>	SNA	2023	180919	
Bog Copper	<i>Lycaena epixanthe</i>	S4S5	2023	180941	
Eyed Brown	<i>Lethe eurydice</i>	S5	2023	181022	173502619
Monarch	<i>Danaus plexippus</i>	S2N, S4B, SARO SC, COSEWIC END	2023	181033	
Black-shouldered Spinyleg	<i>Dromogomphus spinosus</i>	S5	2022, 2023	181115	129749303 122295355 111017425
Dragonhunter	<i>Hagenius brevistylus</i>	S5	2022, 2023	181129	
Beaverpond Baskettail	<i>Epithea canis</i>	S5	2022	181160	
Calico Pennant	<i>Celithemis elisa</i>	S5	2022, 2023	181181	130258708
Slaty Skimmer	<i>Libellula incesta</i>	S4	2022, 2023	181192	140267516
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2023	181193	
Belted/Frosted Whiteface	<i>Leucorrhinia sp.</i>	S5	2023	181194	
Chalk-fronted Corporal	<i>Ladona julia</i>	S5	2023	181199	
Elfin Skimmer	<i>Nannothemis bella</i>	S4	2023	181200	
Autumn Meadowhawk	<i>Sympetrum vicinum</i>	S5	2023	181213	
Sedge Sprite	<i>Nehalennia irene</i>	S5	2023	181258	
Sphagnum Sprite	<i>Nehalennia gracilis</i>	S4	2023	181259	
Virginia Ctenucha Moth	<i>Ctenucha virginica</i>	S5	2023	198568	
Scarlet-winged Lichen Moth	<i>Hypoprepia miniata</i>	S4	2023	199129	176004961*
Large Lace-border Moth	<i>Scopula limboundata</i>	S5	2023	199887	
Wavy-lined Fan-foot	<i>Zanclognatha jacchusalis</i>	S5?	2023	200174	176005262*
Tricoloured Bumble Bee	<i>Bombus ternarius</i>	S5	2022	201380	
Four-spotted Owlfly	<i>Ululodes quadripunctatus</i>	SU	2022	1263481	126821839
Oak Leafrolling Weevil	<i>Synolabus bipustulatus</i>	S4	2023	1307221	176005973*
Ocellate Gall Midge	<i>Acericecis ocellaris</i>		2022		150491007
Yellow-legged Mud-dauber Wasp	<i>Sceliphron caementarium</i>	SU	2022		126107556

ISLAND SPECIES INVENTORY

Plants

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	S5	2023		6000
Royal Fern	<i>Osmunda spectabilis</i>	S5	2022, 2023		6006
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2023		9102
Steller's Rock-brake	<i>Cryptogramma stelleri</i>	S4	2023		9204 173424736*
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2023		9320
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2023		9336
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2022, 2023		9370
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023		9500 173424191
Rock Polypody	<i>Polypodium virginianum</i>	S5	2023		9704 167058809
Tamarack	<i>Larix laricina</i>	S5	2023		13004 152945300
Black Spruce	<i>Picea mariana</i>	S5	2023		13010
White Pine	<i>Pinus strobus</i>	S5	2023		13024
Common Juniper	<i>Juniperus communis</i>	S5	2023		13500
Eastern Red Cedar	<i>Juniperus virginiana</i>	S5	2021, 2023		13506 92963538*
White Cedar	<i>Thuja occidentalis</i>	S5	2023		13508
Ribbon-leaved Pondweed	<i>Potamogeton epihydrus</i>	S5	2023		16112 173502803*
Floating-leaved Pondweed	<i>Potamogeton natans</i>	S5	2023		16130
Spiral Pondweed	<i>Potamogeton spirillus</i>	S5	2023		16152
Pondweed sp.	<i>Potamogeton sp.</i>		2023		16176 173424291*
Red Raspberry	<i>Rubus idaeus</i>	S5	2023		16820
Grass-leaved Arrowhead	<i>Sagittaria graminea</i>	S4	2023		19012
Broadleaf Arrowhead	<i>Sagittaria latifolia</i>	S5	2023		19018
Canada Bluejoint	<i>Calamagrostis canadensis</i>	S5	2023		22138
Poverty Oatgrass	<i>Danthonia spicata</i>	S5	2023		22182
Wavy Hair Grass	<i>Avenella flexuosa</i>	S5	2023		22190
Slender Dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023		22240
Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>	S5	2023		22241
Rattlesnake Managrass	<i>Glyceria canadensis</i>	S5	2023		22342
Rough-leaved Mountain Rice	<i>Oryzopsis asperifolia</i>	S5	2023		22446
Reed Canary Grass	<i>Phalaris arundinacea</i>	S5	2023		22484 173502376 173423632
Grass sp.			2023		22851 173503279*
Grass sp.			2023		22851 173503029*
Emmons's Sedge	<i>Carex albicans emmonsii</i>	S2	2023		23018 163680550
Buxbaum's Sedge	<i>Carex buxbaumii</i>	S5	2022		23080 123636269
Clustered Sedge	<i>Carex cumulata</i>	S4	2023		23128 173501750*
Tussock Sedge	<i>Carex stricta</i>	S5	2023		23140
Star Sedge	<i>Carex echinata</i>	S5	2022, 2023		23156 123636727* 173502419*
Sallow Sedge	<i>Carex lurida</i>	S4S5	2023		23282
Pointed Broom Sedge	<i>Carex scoparia</i>	S5	2023		23400
Three-seeded Sedge	<i>Carex trisperma</i>	S5	2023		23448
Little Green Sedge	<i>Carex viridula</i>	S5	2023		23464 171438935*
Sedge sp.	<i>Carex sp.</i>		2022		23481 123636380*
Sedge sp.	<i>Carex sp.</i>		2022		23481 123636801*
Sedge sp.	<i>Carex sp.</i>		2022		23481 123636873*
Sedge sp.	<i>Carex sp.</i>		2023		23481 173424114*
Smooth Saw Sedge	<i>Cladium mariscoides</i>	S5	2023		23506 173424684
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2023		23540
Common Spikerush	<i>Eleocharis palustris</i>	S5	2023		23582
Tawny Cotton-grass	<i>Eriophorum virginicum</i>	S5	2022, 2023		23610 123636556* 123636624* 126105721*
White Beak-sedge	<i>Rhynchospora alba</i>	S5	2022, 2023		23632 126105772*
Brownish Beaked-rush	<i>Rhynchospora capitellata</i>	S4	2023		23636
Woolgrass	<i>Scirpus cyperinus</i>	S5	2023		23650
Bulrush sp.	<i>Scirpus sp.</i>		2022		23659 123636781*
Soft-stemmed Bulrush	<i>Schoenoplectus tabernaemontani</i>	S5	2023		23686 173502468*
Common Pipewort	<i>Eriocaulon aquaticum</i>	S5	2023		27000
Pickeralweed	<i>Pontederia cordata</i>	S5	2023		30004 173646933
Canada Rush	<i>Juncus canadensis</i>	S5	2023		31022
Soft Rush	<i>Juncus effusus</i>	S5	2022		31028
Bluebead lily	<i>Clintonia borealis</i>	S5	2023		32030
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2023		32058
Three-leaved False Solomon's Seal	<i>Maianthemum trifolium</i>	S5	2023		32066
Hairy Solomon's Seal	<i>Polygonatum pubescens</i>	S5	2023		32086
Northern Blue Flag Iris	<i>Iris versicolor</i>	S5	2023		36014 171115013
Blue Eyed Grass	<i>Sisyrinchium sp.</i>		2023		36027 171111651
Tuberous Grasspink	<i>Calopogon tuberosus</i>	S4S5	2022		39008 123636473 124563175
Pink Lady's-slipper	<i>Cypripedium acaule</i>	S5	2023		39022 166677282 166669597
Broad-leaved Helleborine	<i>Epipactis helleborine</i>	SNA	2023		39040 173502699
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2021, 2023		39052 92475628 173503142* 173502879*
White-fringed Orchid	<i>Platanthera blephariglottis</i>	S4?	2022, 2023		39082 123582184* 126103831 173503506 173423718
Rose Pogonia	<i>Pogonia ophioglossoides</i>	S4S5	2022, 2023		39120 173423748
Sphinx Ladies' Tresses	<i>Spiranthes incurva</i>	S5	2022		39124 132399709
Orchidaceae Family			2022		39189 123582632*
Sweet Gale	<i>Myrica gale</i>	S5	2022, 2023		42002
Paper Birch	<i>Betula papyrifera</i>	S5	2023		45020
White Oak	<i>Quercus alba</i>	S5	2023		46004
Red Oak	<i>Quercus rubra</i>	S5	2023		46020

Bastard Toadflax	<i>Comandra umbellata</i>	S5	2023	51000	116718845	
Northern Comandra	<i>Geocaulon lividum</i>	S5	2023	51002		
Fringed Bindweed	<i>Fallopia cilinodis</i>	S5	2023	54030	173531817*	
Pinkweed	<i>Persicaria pensylvanica</i>	S5	2023	54054	173503236*	
Dotted Knotweed	<i>Persicaria punctata</i>	S5	2023	54062		
Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2022, 2023	54070		
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2023	54086		
Dock sp.	<i>Rumex sp.</i>		2023	54113	173424242*	
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2023	63002		
White Water Lily	<i>Nymphaea odorata</i>	S5	2022, 2023	63006		
Watershield	<i>Brasenia schreberi</i>	S5	2022, 2023	63600		
Rock Harlequin	<i>Capnoides sempervirens</i>	S5	2022, 2023	71508	95447314	800007712
Tower Mustard	<i>Turritis glabra</i>	S5	2023	73026	171111294	
Northern Purple Pitcher Plant	<i>Sarracenia purpurea purpurea</i>	S5	2022, 2023	75000	123636667	150492584
Spoon-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2022, 2023	76006		
Sedum sp.	<i>Sedum sp.</i>	SNA	2023	78021		
Prickly Gooseberry	<i>Ribes cynosbati</i>	S5	2023	79506		
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016		
Black Chokeberry	<i>Aronia melanocarpa</i>	S5	2021, 2023	82028	80007599*	95447337*
Wild Strawberry	<i>Fragaria virginiana</i>	S5	2023	82162		
Yellow Avens	<i>Geum aleppicum</i>	S5	2023	82168		
Common Ninebark	<i>Physocarpus opulifolius</i>	S5	2022, 2023	82200	92963690	173503196*
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2023	82226	166662668	
Pin Cherry	<i>Prunus pensylvanica</i>	S5	2022, 2023	82274	173503481*	
Sand Cherry	<i>Prunus pumila</i>	S4	2023	82278	173501792*	
Black Cherry	<i>Prunus serotina</i>	S5	2022, 2023	82288		
Chokecherry	<i>Prunus virginiana</i>	S5	2023	82294		
Smooth Rose	<i>Rosa blanda</i>	S5	2023	82306		
Swamp Rose	<i>Rosa palustris</i>	S5	2023	82322		
Swamp Dewberry	<i>Rubus hispidus</i>	S4	2023	82352		
Black Raspberry	<i>Rubus occidentalis</i>	S5	2020	82360	53862189*	
White Spiraea	<i>Spiraea alba</i>	S5	2023	82386		
Marsh Pea	<i>Lathyrus palustris</i>	S5	2022	83124	123635893*	
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2023	97010		
Staghorn Sumac	<i>Rhus typhina</i>	S5	2023	97018		
Winterberry Holly	<i>Ilex verticillata</i>	S5	2023	99002		
Mountain Holly	<i>Ilex mucronata</i>	S5	2022, 2023	99004	30646995	
Red Maple	<i>Acer rubrum</i>	S5	2023	102012		
Silver Maple	<i>Acer saccharinum</i>	S5	2023	102014		
Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023	105000		
Wild Grape	<i>Vitis riparia</i>	S5	2023	107012		
Canada St. John's Wort	<i>Hypericum canadense</i>	S4?	2023	111004		
Pale St. John's Wort	<i>Hypericum ellipticum</i>	S5	2023	111010	173502067*	
Kalm's St. John's Wort	<i>Hypericum kalmianum</i>	S4	2023	111014	173424365*	
Spotted St. John's Wort	<i>Hypericum punctatum</i>	S5	2023	111022	173502554*	
Marsh St. John's Wort sp.	<i>Triadenum sp.</i>		2023	111027		
Viriginia Marsh St. John's-Wort	<i>Hypericum virginicum</i>	S4	2022	111028	129197033	
Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2021, 2023	115024	80007519	
Fireweed	<i>Chamaenerion angustifolium</i>	S5	2023	125010		
Willowherb sp.	<i>Epilobium sp.</i>		2023	125037	173502329*	
Small Sundrops	<i>Oenothera perennis</i>	S5	2023	125068	173502860*	
Bristly Sarsaparilla	<i>Aralia hispida</i>	S5	2023	128002		
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2023	128004	30641662	
Bulbous Water-hemlock	<i>Cicuta bulbifera</i>	S5	2023	129022		
Water Hemlock	<i>Cicuta sp.</i>		2022	129027	123636910*	
Pinesap	<i>Hypopitys monotropa</i>	S4	2023	132000	173526953	
Ghost Pipes	<i>Monotropa uniflora</i>	S5	2023	132002	173525708	
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2022, 2023	133014		
Creeping Snowberry	<i>Gaultheria hispidula</i>	S5	2022	133018		
Wintergreen	<i>Gaultheria procumbens</i>	S5	2023	133020		
Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2021, 2022, 2023	133022	53862436	80182193
Swamp Laurel	<i>Kalmia polifolia</i>	S5	2023	133030	173424037*	
Labrador Tea	<i>Rhododendron groenlandicum</i>	S5	2023	133032	173423949*	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2023	133040		
American Cranberry	<i>Vaccinium macrocarpon</i>	S4	2023	133046		
Swamp Candle	<i>Lysimachia terrestris</i>	S5	2023	135026		
Starflower	<i>Lysimachia borealis</i>	S5	2023	135052		
White Ash	<i>Fraxinus americana</i>	S4	2022, 2023	141004		
Blue Vervain	<i>Verbena hastata</i>	S5	2023	150006		
American Bugleweed	<i>Lycopus americanus</i>	S5	2023	151060		
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2023	151068		
Small Skullcap	<i>Scutellaria parvula</i>	S4	2023	151146	173424975*	
Canada Mint	<i>Mentha canadensis</i>	S5	2023	151188		
Bittersweet Nightshade	<i>Solanum dulcamara</i>	SNA	2022	152040	123636834	
Narrowleaf Cow Wheat	<i>Melampyrum lineare</i>	S5	2023	153092		
Allegheny Monkeyflower	<i>Mimulus ringens</i>	S5	2023	153102	173501930*	
Horned Bladderwort	<i>Utricularia cornuta</i>	S5	2023	157004		

Common Bladderwort	<i>Utricularia macrorhiza</i>	S5	2023	157020 173502785*
Glaucous Honeysuckle	<i>Lonicera dioica</i>	S5	2022	162012
Wild Raisin	<i>Viburnum nudum</i>	S5	2022, 2023	162058 124564275
Marsh Bellflower	<i>Campanula aparinoides</i>	S5	2023	167002 173502251*
Cardinal Flower	<i>Lobelia cardinalis</i>	S5	2023	167018 173502649*
Panicled Aster	<i>Symphotrichum lanceolatum</i>	S5	2022, 2023	168164 92963659* 92963482*
Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2023	168190 166824332
Swamp Aster	<i>Symphotrichum puniceum</i>	S5	2023	168222 173502186*
Asteraceae Family			2022	168225 123636125*
Devil's Beggarticks	<i>Bidens frondosa</i>	S5	2023	168270
Creeping Thistle	<i>Cirsium arvense</i>	SNA	2023	168332
Eastern Burnweed	<i>Erechtites hieracifolius</i>	S5	2023	168392 173501855*
Boneset	<i>Eupatorium perfoliatum</i>	S5	2023	168424 173644696
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	S5	2023	168438
Grey Goldenrod	<i>Solidago nemoralis</i>	S5	2022, 2023	168744 92963720*
Common Dandelion	<i>Taraxacum officinale</i>	SNA	2023	168828
Colts Foot	<i>Tussilago farfara</i>	SNA	2023	168854

Birds

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Canada Goose	<i>Branta canadensis</i>	S5	2020, 2021, 2022, 2023	
Mallard	<i>Anas platyrhynchos</i>	S5	2022, 2023	
Common Merganser	<i>Mergus merganser</i>	S5	2020, 2021, 2023	
Ruffed Grouse	<i>Bonasa umbellatus</i>	S4	2021	
Sandhill Crane	<i>Grus canadensis</i>	S4	2022	
Ring-billed Gull	<i>Larus delawarensis</i>	S5	2020, 2023	
Herring Gull	<i>Larus argentatus</i>	S4B, S5N	2022, 2023	
Caspian Tern	<i>Hydroprogne caspia</i>	S3B, S5M	2020	
Common Tern	<i>Sterna hirundo</i>	S4B, S5N	2020, 2022, 2023	
Common Loon	<i>Gavia immer</i>	S5	2020, 2022, 2023	
Double-crested Cormorant	<i>Nannopterum auritum</i>	S5B	2020, 2021, 2022, 2023	
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>	S3B	2021, 2023	
Turkey Vulture	<i>Cathartes aura</i>	S5B, S4N	2022	
Osprey	<i>Pandion haliaetus</i>	S5B, S4N	2022	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	S4, SARO SC	2022, 2023	
Broad-winged Hawk	<i>Buteo platypterus</i>	S5B, S4N	2022, 2023	
Belted Kingfisher	<i>Megaceryle alcyon</i>	S5B, S4N	2022	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2022	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	2023	
Northern Flicker	<i>Colaptes auratus</i>	S5	2022, 2023	
Merlin	<i>Falco columbaris</i>	S5	2021, 2022	
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	2022, 2023	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2023	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S5B	2022, 2023	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2020, 2021, 2022, 2023	
Blue Jay	<i>Cyanocitta cristata</i>	S5	2020, 2021, 2023	
American Crow	<i>Corvus brachyrhynchos</i>	S5	2020, 2021, 2022, 2023	
Common Raven	<i>Corvus corax</i>	S5	2022	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2020, 2023	
Tree Swallow	<i>Tachycineta bicolor</i>	S5B	2023	
Barn Swallow	<i>Hirundo rustica</i>	S4B, SARO THR, COSEWIC THR	2020	

Ruby-crowned Kinglet	<i>Corthylio calendula</i>	S5B	2022	
Golden-crowned Kinglet	<i>Regulus satrapa</i>	S5B	2022	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5	2020	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	2022	
House Wren	<i>Troglodytes aedon</i>	S5B	2023	
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2022, 2023	
Gray Catbird	<i>Dumetella carolinensis</i>	S5B	2021	
Brown Thrasher	<i>Toxostoma rufum</i>	S5B	2023	
Veery	<i>Catharus fuscescens</i>	S5B	2021, 2022	
Hermit Thrush	<i>Catharus guttatus</i>	S5B	2021	
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B	2022	
American Goldfinch	<i>Spinus tristis</i>	S5	2022	
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2020, 2021, 2023	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	S5	2021, 2022, 2023	
Song Sparrow	<i>Melospiza melodia</i>	S5	2020, 2021, 2022, 2023	70121299
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	2020, 2022	
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4S5B	2020, 2021, 2022	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5	2023	
Common Grackle	<i>Quiscalus quiscula</i>	S5	2023	
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2020, 2021, 2022, 2023	
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	2020, 2021, 2022, 2023	
Tennessee Warbler	<i>Leiothlypis peregrina</i>	S5B	2022	
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	S5B	2020, 2022, 2023	
Mourning Warbler	<i>Geothlypis philadelphia</i>	S5B	2023	
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B, S3N	2022	
American Redstart	<i>Setophaga ruticilla</i>	S5B	2020, 2021, 2022, 2023	
Northern Parula	<i>Setophaga americana</i>	S5B	2022	
Magnolia Warbler	<i>Setophaga magnolia</i>	S5B	2022	
Bay-breasted Warbler	<i>Setophaga castanea</i>	S5B	2022	
Blackburnian Warbler	<i>Setophaga fusca</i>	S5B	2022, 2023	
Yellow Warbler	<i>Setophaga petechia</i>	S5B	2022, 2023	
Palm Warbler	<i>Setophaga palmarum</i>	S5B	2020	

Pine Warbler	<i>Setophaga pinus</i>	S5B, S3N	2020, 2021, 2022, 2023	70121298
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B, S3N	2020, 2022, 2023	
Prairie Warbler	<i>Setophaga discolor</i>	S2B	2020, 2021, 2022, 2023	
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2022, 2023	
Scarlet Tanager	<i>Piranga olivacea</i>	S5B	2022	
Indigo Bunting	<i>Passerina cyanea</i>	S5B	2021	

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Northern Leopard Frog	<i>Lithobates pipiens</i>	S5	2022, 2023	126105646
American Bullfrog	<i>Lithobates catesbeianus</i>	S4	2022	
Green Frog	<i>Lithobates clamitans</i>	S5	2022, 2023	
Northern Watersnake	<i>Thamnophis sirtalis sirtalis</i>	S5	2022	140278078
Eastern Newt	<i>Notophthalmus viridescens</i>	S5	2022	124563619
Eastern Hognose Snake	<i>Heterodon platirhinos</i>	S3, SARO THR, COSEWIC THR	2021	81021311
Eastern Milksnake	<i>Lampropeltis triangulum</i>	S4, SARO SC, COSEWIC SC	2021	96901666
American Toad	<i>Anaxyrus americanus</i>	S5	2023	
Massasauga	<i>Sistrurus catenatus</i>	S3	2023	173523219

Mammals

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Eastern Chipmunk	<i>Tamias striatus</i>	S5	2022, 2023	
Black Bear	<i>Ursus americanus</i>	S5	2022, 2023	
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023	
Coyote	<i>Canis latrans</i>	S5	2023	

Insects			Observation Years	Species ID	iNat observation #			
Common Name	Scientific Name	Designation						
Crossline Skipper	<i>Polites origenes</i>	S4	2022	180882	124617511			
Cabbage White	<i>Pieris rapae</i>	SNA	2022	180919				
Henry's Elfin	<i>Callophrys henrici</i>	S4	2021	180956	81021304	81021315*		
Red Admiral	<i>Vanessa atalanta</i>	S5B	2023	181013	173333762			
Northern Pearly-eye	<i>Lethe anhedon</i>	S5	2023	181021	173501326			
Eyed Brown	<i>Lethe eurydice</i>	S5	2023	181022				
Monarch	<i>Danaus plexippus</i>	S4B, S2N, SARO SC, COSEWIC END	2021	181033	96901732	96901773		
Black-shouldered Spinyleg	<i>Dromogomphus spinosus</i>	S5	2023	181115				
Phanogomphus sp.	<i>Phanogomphus sp.</i>		2021	181126	81021316*	81021310*		
Dragonhunter	<i>Hagenius brevistylus</i>	S5	2022, 2023	181129				
Canada Darner	<i>Aeshna canadensis</i>	S5	2023	181136	173501320			
Common Green Darner	<i>Anax junius</i>	S5	2023	181147				
Springtime Darner	<i>Basiaeschna janata</i>	S5	2021	181149	81021307			
Stream Cruiser	<i>Didymops transversa</i>	S4	2023	181154	165921947*			
American Emerald	<i>Cordulia shurtleffii</i>	S5	2021	181157	81021306			
Racket-tailed Emerald	<i>Dorocordulia libera</i>	S5	2021	181158	81021309			
Prince Baskettail	<i>Epitheca princeps</i>	S5	2022, 2023	181159	173501321			
Spiny Baskettail	<i>Epitheca spinigera</i>	S5	2021	181162	81021305			
Frosted Whiteface	<i>Leucorrhinia frigida</i>	S5	2021	181186	81021308			
Slaty Skimmer	<i>Libellula incesta</i>	S4	2022, 2023	181192				
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2023	181193				
Twelve-spotted Skimmer	<i>Libellula pulchella</i>	S5	2022, 2023	181194				
Four-spotted skimmer	<i>Libellula quadrimaculata</i>	S5	2021, 2023	181195	81021314			
Common Whitetail	<i>Plathemis lydia</i>	S5	2023	181198				
Chalk-fronted Corporal	<i>Ladona julia</i>	S5	2022	181199				
Elfin Skimmer	<i>Nannothemis bella</i>	S4	2022, 2023	181200				
Autumn Meadowhawk	<i>Sympetrum vicinum</i>	S5	2023	181213				
Swamp Spreadwing	<i>Lestes vigilax</i>	S4	2023	181229	173501331*			
Pond Spreadwing sp.	<i>Lestes sp.</i>		2023	181230	173501325*			
Powdered Dancer	<i>Argia moesta</i>	S5	2023	181234	173530551	173530135	173504166*	171508019
Bluet sp.	<i>Enallagma sp.</i>		2023	181256	173501323*			
Eastern Forktail	<i>Ischnura verticalis</i>	S5	2022, 2023	181257				
Sphagnum Sprite	<i>Nehalennia gracilis</i>	S4	2023	181259				
Damselfly sp.			2023	181262	173333763*			
Harlequin Darner	<i>Gomphaeschna furcillata</i>	S3S4	2023	184162				
Orange Cahill	<i>Stenacron interpunctatum</i>	S4S5	2023	187657	173503704*			
Oak Leafshredder Moth	<i>Acleris semipurpurana</i>	S4S5	2023	194238	173503443*			
Ninebark Calligrapha Beetle	<i>Calligrapha spiraeae</i>	SU	2021	195071	116718863*			
Spotted Cucumber Beetle	<i>Diabrotica undecimpunctata</i>	S4S5	2022	195522	140284991			
	<i>Etorofus subhamatus</i>	SNR	2023	196246	173502021*			
Japanese Beetle	<i>Popillia japonica</i>	SNA	2023	197094				
White Eulithis Moth	<i>Eulithis explanata</i>	S5?	2023	198838	173501330			

Olethreutine Leafroller Moths			2023	199482	173501342*	
Large Lace-border Moth	<i>Scopula limboundata</i>	S5	2023	199887	173501336	173501324
Crocus Geometer Moth sp.	<i>Xanthotype sp.</i>		2023	200133		
Marbled Purple Jumping Spider	<i>Phidippus purpuratus</i>	S4S5	2023	201087	165918930	
Two-spotted Bumble Bee	<i>Bombus bimaculatus</i>	S5	2023	201372	173501338	
Black Beetle	<i>Amara aulica</i>	SNA	2023	1007457	173531359	
Forest Wolf Spider	<i>Hogna frondicola</i>	S5	2022, 2023	1007568	173524840*	
Thin-legged Wolf Spider sp.	<i>Pardosa sp.</i>		2020	1007752	53863230*	
Giant Lichen Orbweaver	<i>Araneus bicentenarius</i>	SU	2022	1007757		
Versicolor Long-jawed Orbweaver	<i>Tetragnatha versicolor</i>	S5	2023	1008013	165892851*	
Arabesque Orbweaver	<i>Neoscona arabesca</i>	S5	2022	1008124	123635835	173502121*
Golden Sweat Bee	<i>Augochlorella aurata</i>	S5	2023	1263166	173528555*	
Asian Lady Beetle	<i>Harmonia axyridis</i>	SNA	2022	1306760	140285002	
Stink Bug sp.	<i>Chlorochroa sp.</i>		2020		53863075*	
Larger Empty Oak Apple Wasp	<i>Amphibolips quercusinanis</i>		2023		171114644	
Oak Leaf Gall Midge	<i>Polystepha pilulae</i>		2023		173525650*	134994483*
Ichneumonid Wasp sp.	<i>Ichneumonidae sp.</i>		2023			
Harvestmen sp.			2023		173503665*	

PLANT SPECIES LIST

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Inundated Bog Clubmoss	<i>Lycopodiella inundata</i>	S5	2022, 2023		2014 127146771
Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	S5	2023		6000
Royal Fern	<i>Osmunda regalis</i>	S5	2023		6004
Osmunda sp.	<i>Osmunda sp.</i>	S5	2022		6007 142618850*
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2022, 2023		9102
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2023		9320
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2022, 2023		9336
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2023		9370
Marsh Fern	<i>Thelypteris palustris</i>	S5	2022		9406 127150318*
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023		9500
Rock Polypody	<i>Polypodium virginianum</i>	S5	2019, 2022, 2023		9704 34246548
Tamarack	<i>Larix laricina</i>	S5	2023		13004
Black Spruce	<i>Picea mariana</i>	S5	2023		13010
White Pine	<i>Pinus strobus</i>	S5	2022		13024
Eastern Hemlock	<i>Tsuga canadensis</i>	S5	2023		13032 134872459
Common Juniper	<i>Juniperus communis</i>	S5	2022, 2023		13500
White Cedar	<i>Thuja occidentalis</i>	S5	2022, 2023		13508
Broad-leaved Cattail	<i>Typha latifolia</i>	S5	2022, 2023		14002
Grass-leaved Bur-reed	<i>Sparganium fluctuans</i>	S5?	2022, 2023		15008 173441975*
Floating-leaved pondweed	<i>Potamogeton natans</i>	S5	2023		16130
Spiral Pondweed	<i>Potamogeton spirillus</i>	S5	2022		16152
Grass-leaved Arrowhead	<i>Sagittaria graminea</i>	S4	2022		19012
Poverty Oatgrass	<i>Danthonia spicata</i>	S5	2022, 2023		22182
Hairy rosette grass	<i>Dichanthelium acuminatum</i>	S5	2023		22197
Slender dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023		22240
Dichanthelium sp.	<i>Dichanthelium sp.</i>	S5	2023		22241
Smooth Crabgrass	<i>Digitaria ischaemum</i>	SNA	2022		22244 116070686*
Fowl Mannagrass	<i>Glyceria striata</i>	S5	2023		22358 173441869*
Rice Cutgrass	<i>Leersia oryzoides</i>	S5	2023		22388
Clustered Sedge	<i>Carex cumulata</i>	S4	2021		23128 110103760
Star sedge	<i>Carex echinata</i>	S5	2023		23156
Northern Long Sedge	<i>Carex folliculata</i>	S3	2022, 2023		23172 127150062 173239487* 173438361* 173440979*
Bladder Sedge	<i>Carex intumescens</i>	S5	2023		23236
Sallow Sedge	<i>Carex lurida</i>	S4S5	2023		23282
Long-stalked Sedge	<i>Carex pedunculata</i>	S5	2022		23348 115979648*
Tussock Sedge	<i>Carex stricta</i>	S5	2023		23418
Northern Beaked Sedge	<i>Carex utriculata</i>	S5	2023		23456
Sedge sp.	<i>Carex sp.</i>	S5	2023		23481 173441102*
Sedge sp.	<i>Carex sp.</i>	S5	2023		23481 173440872*
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2022, 2023		23540
Tawny Cottongrass	<i>Eriophorum virginicum</i>	S5	2022		23610
White-beak Sedge	<i>Rhynchospora alba</i>	S5	2022		23632
Brownish Beaked-rush	<i>Rhynchospora capitellata</i>	S4	2022		23636 142618863
Woolgrass	<i>Scirpus cyperinus</i>	S5	2023		23650
Soft-stemmed Bulrush	<i>Schoenoplectus tabernaemontani</i>	S5	2023		23686
Bog Yellow-eyed Grass	<i>Xyris difformis</i>	S4	2022, 2023		26000 127149939
Soft Rush	<i>Juncus effusus</i>	S5	2022, 2023		31028 173438196*
Rush sp.	<i>Juncus sp.</i>	S5	2022		31071 127150143*
Bluebead lily	<i>Clintonia borealis</i>	S5	2023		32030
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2022, 2023		32058
Three-leaved False Solomon's Seal	<i>Maianthemum trifolium</i>	S5	2023		32066
Hairy Solomon's Seal	<i>Polygonatum pubescens</i>	S5	2023		32086
Blue-eyed Grass sp.	<i>Sisyrinchium sp.</i>	S5	2022		36025 121980384*
Tuberous grass pink	<i>Calopogon tuberosus</i>	S4S5	2023		39008
Pink Ladyslipper	<i>Cypripedium acaule</i>	S5	2020		39022 70124132
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2021, 2022, 2023		39052 127149059 127149133 93944756 93944599 93944572 93944543 93944515 93944492 93944412 173440337* 173438986* 173437734* 173441379* 173441322* 173441216*
Rose Pogonia	<i>Pogonia ophioglossoides</i>	S4S5	2022, 2023		39120 173440944*
Sphinx Ladies' Tresses	<i>Spiranthes incurva</i>	S5	2022		39124 141608595
Trembling Aspen	<i>Populus tremuloides</i>	S5	2022, 2023		41016
Sweet Gale	<i>Myrica gale</i>	S5	2023		42002
Speckled Alder	<i>Alnus incana</i>	S5	2022, 2023		45002
Paper Birch	<i>Betula papyrifera</i>	S5	2023		45020
White Oak	<i>Quercus alba</i>	S5	2022, 2023		46004
Red Oak	<i>Quercus rubra</i>	S5	2022, 2023		46020
Fringed Black Bindweed	<i>Fallopia cilioides</i>	S5	2023		54030
Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2022, 2023		54070
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2022, 2023		54086
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2022, 2023		63002
White Water Lily	<i>Nymphaea odorata</i>	S5	2022, 2023		63006
Watershield	<i>Brasenia schreberi</i>	S5	2023		63600
Red Columbine	<i>Aquilegia canadensis</i>	S5	2023		64026
Rock harlequin	<i>Capnoides sempervirens</i>	S5	2023		71508
Northern Pitcher Plant	<i>Sarracenia purpurea</i>	S5	2023		75000
Round-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2021, 2022, 2023		76006 83943706
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023		82016
Wild Strawberry	<i>Fragaria virginiana</i>	S5	2023		82162
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2022		82226
Sand Cherry	<i>Prunus pumila</i>	S4	2021		82278 93944665*
Bristly Dewberry	<i>Rubus hispidus</i>	S4	2022		82352
White Spiraea	<i>Spiraea alba</i>	S5	2022, 2023		82386 34246236
Steeplebush	<i>Spiraea tomentosa</i>	S5	2022, 2023		82398
Marsh Pea	<i>Lathyrus palustris</i>	S5	2023		83124
Geranium sp.	<i>Geranium sp.</i>	S5	2021		86027 93944737*
Fringed Polygala	<i>Polygaloides paucifolia</i>	S5	2022, 2023		91006
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2023		97010
Common Winterberry	<i>Ilex verticillata</i>	S5	2023		99002
Red Maple	<i>Acer rubrum</i>	S5	2022, 2023		102012 134873319*
Silver Maple	<i>Acer saccharinum</i>	S5	2022, 2023		102014
Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023		105000
Bristly Sarsaparilla	<i>Aralia hispida</i>	S5	2023		128002
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2022, 2023		128004 34246344
Bunchberry	<i>Cornus canadensis</i>	S5	2023		130006
Bearberry	<i>Arctostaphylos uva-ursi</i>	S5	2021, 2023		133010 81104287
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2021, 2022, 2023		133014 90554611
Trailing Arbutus	<i>Epigaea repens</i>	S5	2022, 2023		133016
Wintergreen	<i>Gaultheria procumbens</i>	S5	2022, 2023		133020
Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2022, 2023		133022
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2022, 2023		133040
American Cranberry	<i>Vaccinium macrocarpon</i>	S4	2022, 2023		133046 173438763* 173441456*
Green-flowered Wintergreen	<i>Pyrrola chlorantha</i>	S4S5	2023		133516 170329975*
Swamp Candle	<i>Lysimachia terrestris</i>	S5	2022, 2023		135026
Starflower	<i>Lysimachia borealis</i>	S5	2022, 2023		135052
Bagbean	<i>Menyanthes trifoliata</i>	S5	2022, 2023		143500
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	S5	2022		144000
Swamp Milkweed	<i>Asclepias incarnata</i>	S5	2022		145004
Blue Vervain	<i>Verbena hastata</i>	S5	2022		150006
American Bugleweed	<i>Lycopus americanus</i>	S5	2023		151060
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2022, 2023		151068
Narrowleaf Cow Wheat	<i>Melampyrum lineare</i>	S5	2022, 2023		153092
Partridgeberry	<i>Mitchella repens</i>	S5	2022, 2023		161052
Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2021, 2022, 2023		168190 93944640
Boneset	<i>Eupatorium perfoliatum</i>	S5	2022		168424 134866345
White Rattlesnakeroot	<i>Nabalus albus</i>	S5	2023		168648 34246292
Slender Naiad	<i>Najas flexilis</i>	S4S5	2022		1004440

Birds

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Canada Goose	<i>Branta canadensis</i>	S5	2020, 2022	
Wood Duck	<i>Aix sponsa</i>	S5	2019, 2022	
Blue-winged Teal	<i>Spatula discors</i>	S3B, S4M	2022	
Mallard	<i>Anas platyrhynchos</i>	S5	2020	
Green-winged Teal	<i>Anas crecca</i>	S4B, S4N, S5M	2022	
Bufflehead	<i>Bucephala albeola</i>	S5	2021	
Hooded Merganser	<i>Lophodytes cucullatus</i>	S5	2021	
Common Merganser	<i>Mergus merganser</i>	S5	2020	
Ruffed Grouse	<i>Bonasa umbellus</i>	S5	2020, 2022, 2023	
Common Nighthawk	<i>Chordeiles minor</i>	S4B, SARO SC, COSEWIC SC	2022	
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	S4B, SARO THR, COSEWIC SC	2019	
Sandhill Crane	<i>Antigone canadensis</i>	S5B, S3N	2020	
Herring Gull	<i>Larus argentatus</i>	S4B, S5N	2020, 2023	
Double-crested Cormorant	<i>Nannopterum auritum</i>	S5B, S4N	2020, 2023	
Great Blue Heron	<i>Ardea herodias</i>	S4	2020, 2021, 2022	
Turkey Vulture	<i>Cathartes aura</i>	S5B, S3N	2019, 2020, 2021, 2023	
Broad-winged Hawk	<i>Buteo platypterus</i>	S5B	2020	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	S5	2020	
Barred Owl	<i>Strix varia</i>	S5	2020	
Belted Kingfisher	<i>Megaceryle alcyon</i>	S5B, S4N	2020, 2022	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B, S3N	2020	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2020, 2021, 2022, 2023	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	2020, 2022	
Northern Flicker	<i>Colaptes auratus</i>	S5	2020, 2021, 2023	
Eastern Wood-pewee	<i>Contopus virens</i>	S4B, SARO SC, COSEWIC SC	2023	
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	S5B	2019	
Alder Flycatcher	<i>Empidonax alnorum</i>	S5B	2023	
Least Flycatcher	<i>Empidonax minimus</i>	S5B	2020	
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	2019, 2022, 2023	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2021, 2023	
Blue-headed Vireo	<i>Vireo solitarius</i>	S5B	2020, 2023	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2020, 2021, 2023	
Blue Jay	<i>Cyanocitta cristata</i>	S5	2020, 2021, 2022, 2023	
American Crow	<i>Corvus brachyrhynchos</i>	S5	2020, 2023	
Common Raven	<i>Corvus corax</i>	S5	2022	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2020, 2021, 2022, 2023	
Golden-crowned Kinglet	<i>Regulus satrapa</i>	S5B	2021	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5	2019, 2020, 2021	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	2020, 2021, 2022	
Brown Creeper	<i>Certhia americana</i>	S5	2023	
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2020, 2023	
Gray Catbird	<i>Dumetella carolinensis</i>	S5B, S3N	2019	
Veery	<i>Catharus fuscescens</i>	S5B	2020, 2021, 2023	
Hermit Thrush	<i>Catharus guttatus</i>	S5B	2021	
American Robin	<i>Turdus migratorius</i>	S5B	2019, 2020, 2023	
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2020, 2022, 2023	
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	S5B	2020	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	S5	2020, 2023	
Song Sparrow	<i>Melospiza melodia</i>	S5B	2020, 2021, 2023	
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	2020, 2023	
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4B, S3N	2020, 2022, 2023	124115654*
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5B	2020	
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2019, 2020, 2021, 2023	
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	2020, 2021, 2023	
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	S5B	2020	
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	2020, 2022, 2023	
American Redstart	<i>Setophaga ruticilla</i>	S5B	2020, 2021, 2023	

Bay-breasted Warbler	<i>Setophaga castanea</i>	S5B	2021, 2022
Blackburnian Warbler	<i>Setophaga fusca</i>	S5B	2022
Yellow Warber	<i>Setophaga petechia</i>	S5B	2023
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	S5B	2020, 2021, 2023
Palm Warbler	<i>Setophaga palmarum</i>	S5B	2022
Pine Warbler	<i>Setophaga pinus</i>	S5B	2020, 2021, 2023
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B	2020, 2021, 2022, 2023
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2020
Scarlet Tanager	<i>Piranga olivacea</i>	S5B	2020, 2023

Mammals

Common Name	<i>Scientific Name</i>	Designation	Observation Years	Species ID	iNat observation #
American Bear	<i>Ursus americanus</i>	S5	2023	180719	
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023	180741	
Moose	<i>Alces americanus</i>	S5	2023	180742	

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #	
American Toad	<i>Anaxyrus americanus</i>	S5	2023	180021		
American Bullfrog	<i>Lithobates catesbeianus</i>	S4	2023	180032		
Green Frog	<i>Lithobates clamitans</i>	S5	2023	180033		
Northern Leopard Frog	<i>Lithobates pipiens</i>	S5	2023	180036		
Midland Painted Turtle	<i>Chrysemys picta marginata</i>	S4, COSEWIC SC	2023	180749	171068804	
Spotted Turtle	<i>Clemmys guttata</i>	S2, SARO END, COSEWIC END	2020	180750		
Eastern Foxsnake	<i>Pantherophis vulpinus</i>	S3, SARO END, COSEWIC END	2023	180768	170096011	
Northern Watersnake	<i>Nerodia sipedon sipdeon</i>	S5	2020	180774	70123048	70119860
Massasauga	<i>Sistrurus catenatus</i>	S3, SARO END, COSEWIC END	2020, 2023	180785	112984427	173438549

Insects

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #		
Juvenal's Duskywing	<i>Erynnis juvenalis</i>	S5	2021	180856	81104273		
Indian Skipper	<i>Hesperia sassacus</i>	S4	2022	180878	121900540		
Long Dash	<i>Polites mystic</i>	S5	2023	180883	171068807		
Striped Hairstreak	<i>Satyrium liparops</i>	S5	2022	180949	127823416		
Silver-bordered Fritillary	<i>Boloria myrina</i>	S5	2023	180987	171068805		
Harris's Checkerspot	<i>Chlosyne harrisii</i>	S4	2021, 2023	180996	83998300	171068808	
White Admiral	<i>Limenitis arthemis arthemis</i>	S5	2021	181015	83998294		
Lancet Darner	<i>Phanogomphus exilis</i>	S5	2022	181122	121900536*		
Ashy Clubtail	<i>Phanogomphus lividus</i>	S5	2021, 2022	181124	121900533*	81104274*	
Springtime Darner	<i>Basiaeschna janata</i>	S5	2022	181149	121900537		
Stream Cruiser	<i>Didymops transvera</i>	S4	2020	181154	59223680		
American Emerald	<i>Cordulia shurtleffii</i>	S5	2020, 2022, 2023	181157	121900539	59223681	
Racket-tailed Emerald	<i>Dorocordulia libera</i>	S5	2020, 2023	181158	59223678		
Prince Basket-tail	<i>Epitheca princeps</i>	S5	2023	181159			
Calico Pennant	<i>Celithemis elisa</i>	S5	2021, 2023	181181	83998293	83998288	173441554*
Frosted Whiteface	<i>Leucorrhinia frigida</i>	S5	2021, 2023(?)	181186	83998289	70124133*	
Belted Whiteface	<i>Leucorrhinia proxima</i>	S5	2020, 2023(?)	181191	59224407		
Slaty Skimmer	<i>Libellula incesta</i>	S4	2021, 2023	181192	83998301		
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2021, 2023	181193	83998282		
Twelve Spotted Skimmer	<i>Libellula pulchella</i>	S5	2023	181194			
Common Whitetail	<i>Plathemis lydia</i>	S5	2021, 2023	181198	83998283		
Chalk-fronted Corporal	<i>Ladona julia</i>	S5	2019, 2021, 2023	181199	81021296	29080802	29080748
Elfin Skimmer	<i>Nannothemis bella</i>	S4	2023	181200			
Skimming Bluet	<i>Enallagma geminatum</i>	S4	2022	181251	127823417		
Bluet sp.	<i>Enallagma sp.</i>		2022	181255	121900532*		
Sphagnum Sprite	<i>Nehalennia gracilis</i>	S4	2022, 2023	181259			
Lilypad Clubtail	<i>Arigomphus furcifer</i>	S4, N3	2021	181268	83998281		
Robber Fly	<i>Laphria thoracica</i>	SNR	2021	194310	83998295		
Virginia Ctenucha Moth	<i>Ctenucha virginica</i>	S5	2023	198568			
Rannoch Looper Moth	<i>Macaria brunneata</i>	S4S5	2021	199179	83998290		
Yellow-washed Metarranthis Moth	<i>Metarranthis obfirmaria</i>	S4S5	2021	199355	81021297		
European Hornet	<i>Vespa crabro</i>	SNA	2023	1259869			
Middle Barklice sp.	<i>Mesopsocus unipunctatus</i>		2023		173441762*		

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #				
Clubmoss sp.	<i>Lycopodium sp.</i>		2023	2005					
Royal Fern	<i>Osmunda spectabilis</i>	S5	2023	6006					
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2023	9102					
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2023	9320					
Intermediate Wood Fern	<i>Dryopteris intermedia</i>	S5	2023	9334	172504843				
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2023	9336					
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2023	9370					
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023	9500					
Rock Polypody	<i>Polypodium virginianum</i>	S5	2023	9704					
White Pine	<i>Pinus strobus</i>	S5	2023	13024					
Common Juniper	<i>Juniperus communis</i>	S5	2023	13500					
Eastern Red Cedar	<i>Juniperus virginiana</i>	S5	2023	13506					
White Cedar	<i>Thuja occidentalis</i>	S5	2023	13508	152776078				
Broad-leaved Cattail	<i>Typha latifolia</i>	S5	2023	14002					
Grass-leaved Burreed	<i>Sparganium americanum</i>	S5	2023	15000					
Floating-leaved Pondweed	<i>Potamogeton natans</i>	S5	2023	16130					
Richardson's Pondweed	<i>Potamogeton richardsonii</i>	S5	2023	16148					
Spiral Pondweed	<i>Potamogeton spirillus</i>	S5	2023	16152					
Hardstem Bulrush	<i>Schoenoplectus acutus</i>	S5	2023	17096	176642775*				
Grass-leaved Arrowhead	<i>Sagittaria graminea</i>	S4	2023	19012					
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2023	19018					
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2023	19018					
Long-awned Wood Grass	<i>Brachyelytrum erectum</i>	S4	2023	22084					
Poverty Oatgrass	<i>Danthonia spicata</i>	S5	2023	22182					
Wavy Hair Grass	<i>Avenella flexuosa</i>	S5	2023	22190					
Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>		2023	22230					
Rattlesnake Manna Grass	<i>Glyceria canadensis</i>	S5	2023	22342					
Rice Cutgrass	<i>Leersia oryzoides</i>	S5	2023	22388					
White-grained Mountain-Ricegrass	<i>Oryzopsis asperifolia</i>	S5	2023	22446					
Reed Canarygrass	<i>Phalaris arundinacea</i>	S5	2023	22484					
Wild Rice	<i>Zizania palustris</i>	S5?	2023	22650					
Drooping Woodland Sedge	<i>Carex arctata</i>	S5	2023	23038					
Sallow Sedge	<i>Carex lurida</i>	S4S5	2023	23282	152931647				
Pointed Broom Sedge	<i>Carex scoparia</i>	S5	2023	23400					
Tussock Sedge	<i>Carex stricta</i>	S5	2023	23418					
Northwest Territory Sedge	<i>Carex utriculata</i>	S5	2023	23456					
Fox Sedge	<i>Carex vulpinoidea</i>	S5	2023	23470					
Smooth Saw Sedge	<i>Cladium mariscoides</i>	S5	2023	23506	172507291				
Shining Flatsedge	<i>Cyperus bipartitus</i>	S5	2023	23508	176642994				
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2023	23540					
Rough Cottongrass	<i>Eriophorum tenellum</i>	S5	2023	23604	176644210*				
Slender Fimbry	<i>Fimbristylis autumnalis</i>	S4	2023	23616	176643064				
White Beaked Sedge	<i>Rhynchospora alba</i>	S5	2023	23632					
Brownish Beaked-rush	<i>Rhynchospora capitellata</i>	S4	2023	23636					
Woolgrass	<i>Scirpus cyperinus</i>	S5	2023	23650					
Three-Square Bulrush	<i>Schoenoplectus pungens</i>	S5	2023	23670					
Bog Yellow-eyed Grass	<i>Xyris difformis</i>	S4	2023	26000					
Common Pipewort	<i>Eriocaulon aquaticum</i>	S5	2023	27000					
Pickernelweed	<i>Pontederia cordata</i>	S5	2023	30004	173500226				
Canada Rush	<i>Juncus canadensis</i>	S5	2023	31022	176643280*				
Soft Rush	<i>Juncus effusus</i>	S5	2023	31028					
Rushes sp.	<i>Juncus sp.</i>		2023	31042	176642929*	176641888*			
Brown-fruit Rush	<i>Juncus pelocarpus</i>	S5	2023	31058	176641747*				
Blue Bead Lily	<i>Clintonia borealis</i>	S5	2023	32030					
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2023	32058					
Cucumber-root	<i>Medeola virginiana</i>	S5	2023	32068					
Hairy Solomon's-Seal	<i>Polygonatum pubescens</i>	S5	2023	32086					
Marsh Bellwort	<i>Uvularia grandiflora</i>	S5	2023	32110					
Blue Flag Iris	<i>Iris versicolor</i>	S5	2023	36014					
Broad-leaved Helleborine	<i>Epipactis helleborine</i>	SNA	2023	39040					
Downy Rattlesnake Plantain	<i>Goodyera pubescens</i>	S4	2023	39046	176643736				
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2023	39052	173824648	173502286	176643934	176643663	176642366
Sweet Gale	<i>Myrica gale</i>	S5	2023	42002					
White Oak	<i>Quercus alba</i>	S5	2023	46004					
Red Oak	<i>Quercus rubra</i>	S5	2023	46020					
Bastard Toadflax	<i>Comandra umbellata</i>	S5	2023	51000	150490994				
Fringed Bindweed	<i>Fallopia cilinodis</i>	S5	2023	54030					
Dotted Knotweed	<i>Persicaria punctata</i>	S5	2023	54062					
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2023	54086	150490977				
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2023	63002					
White Water Lily	<i>Nymphaea odorata</i>	S5	2023	63006					
Watershield	<i>Brasenia schreberi</i>	S5	2023	63600					
Wild Columbine	<i>Aquilegia canadensis</i>	S5	2023	64026					
Creeping Spearwort	<i>Ranunculus flammula var. reptans</i>	S5	2023	64190					
Spoon-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2023	76006	170002162				
Round-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2023	76006					
Prickly Gooseberry	<i>Ribes cynosbati</i>	S5	2023	79506					
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016					
Marsh Cinquefoil	<i>Comarum palustre</i>	S5	2023	82032					
Woodland Strawberry	<i>Fragaria vesca</i>	S5	2023	82158					

Wild Strawberry	<i>Fragaria virginiana</i>	S5	2023	82162		
Yellow Avens	<i>Geum aleppicum</i>	S5	2023	82168		
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2023	82226		
Smooth Rose	<i>Rosa blanda</i>	S5	2023	82306		
Common Dewberry	<i>Rubus flagellaris</i>	S4	2023	82348	150490963	
Black Raspberry	<i>Rubus occidentalis</i>	S5	2023	82360		
White Spiraea	<i>Spiraea alba</i>	S5	2023	82386		
Steeplebush	<i>Spiraea tomentosa</i>	S5	2023	82398		
Wild Red Raspberry	<i>Rubus idaeus</i>	S5	2023	82536		
Marsh Pea	<i>Lathyrus palustris</i>	S5	2023	83124		
Fringed Polygala	<i>Polygala paucifolia</i>	S5	2023	91006		
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2023	97010		
Winterberry Holly	<i>Ilex verticillata</i>	S5	2023	99002		
Striped Maple	<i>Acer pensylvanicum</i>	S4	2023	102006		
Red Maple	<i>Acer rubrum</i>	S5	2023	102012		
Silver Maple	<i>Acer saccharinum</i>	S5	2023	102014		
Sugar Maple	<i>Acer saccharum</i>	S5	2023	102016		
Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023	105000		
Canada St. John's-wort	<i>Hypericum canadense</i>	S4?	2023	111004		
Pale St. John's-wort	<i>Hypericum ellipticum</i>	S5	2023	111010		
Spotted St. John's Wort	<i>Hypericum punctatum</i>	S5	2023	111022	176643376	
Dwarf St. John's-wort	<i>Hypericum mutilum</i>	S4	2023	111030	176642708*	
Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2023	115024		
Broadleaf Enchanter's Nightshade	<i>Circaea canadensis</i>	S5	2023	125006	176642506	
Cinnamon Willow-Herb	<i>Epilobium coloratum</i>	S5	2023	125022	176642601*	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2023	128004		
Bulb-bearing Water-hemlock	<i>Cicuta bulbifera</i>	S5	2023	129022		
Bunchberry	<i>Cornus canadensis</i>	S5	2023	130006		
Ghost Pipes	<i>Monotropa uniflora</i>	S5	2023	132002		
Bearberry	<i>Arctostaphylos uva-ursi</i>	S5	2023	133010		
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2023	133014		
Wintergreen	<i>Gaultheria procumbens</i>	S5	2023	133020		
Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2023	133022		
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2023	133040		
American Cranberry	<i>Vaccinium macrocarpon</i>	S4	2023	133046		
Swamp Candles	<i>Lysimachia terrestris</i>	S5	2023	135026		
Starflower	<i>Lysimachia borealis</i>	S5	2023	135052		
White Ash	<i>Fraxinus americana</i>	S4	2023	141004		
Little Floatingheart	<i>Nymphoides cordata</i>	S4	2023	143502		
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	S5	2023	144000		
Blue Vervain	<i>Verbena hastata</i>	S5	2023	150006		
American Waterhorehound	<i>Lycopus americanus</i>	S5	2023	151060		
American Bugleweed	<i>Lycopus americanus</i>	S5	2023	151060		
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2023	151068		
Common Self-heal	<i>Prunella vulgaris</i>	S5	2023	151106		
Marsh Skullcap	<i>Scutellaria galericulata</i>	S5	2023	151140		
Canada Mint	<i>Mentha canadensis</i>	S5	2023	151188		
Narrow-leaved Cow Wheat	<i>Melampyrum lineare</i>	S5	2023	153092		
Horned Bladderwort	<i>Utricularia cornuta</i>	S5	2023	157004	176643311	
Purple Bladderwort	<i>Utricularia purpurea</i>	S4	2023	157016	176643998*	
Partridgeberry	<i>Mitchella repens</i>	S5	2023	161052		
Northern Bush Honeysuckle	<i>Diervilla lonicera</i>	S5	2023	162000	170876562	152759254
American Fly Honeysuckle	<i>Lonicera canadensis</i>	S5	2023	162008		
Cardinal Flower	<i>Lobelia cardinalis</i>	S5	2023	167018		
Kalm's Lobelia	<i>Lobelia kalmii</i>	S5	2023	167024		
Pearly Everlasting	<i>Anaphalis margaritacea</i>	S5	2023	168030		
Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2023	168190		
Devil's Beggarticks	<i>Bidens frondosa</i>	S5	2023	168270		
Creeping Thistle	<i>Cirsium arvense</i>	SNA	2023	168332	176643581*	
Eastern Burnweed	<i>Erechtites hieraciifolius</i>	S5	2023	168392		
Spotted Joe Pye Weed	<i>Eutrochium maculatum</i>	S5	2023	168422		
Boneset	<i>Eupatorium perfoliatum</i>	S5	2023	168424		
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	S5	2022	168438		
Tall Rattlesnake Root	<i>Nabalus altissimus</i>	S5	2023	168650		
Grey Goldenrod	<i>Solidago nemoralis</i>	S5	2023	168744		
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	S5	2023	168770		
Virginia Creeper	<i>Parthenocissus vitacea</i>	S5	2023	194328		
Slender Naiad	<i>Najas flexilis</i>	S4S5	2023	1004440		
Plants sp.	<i>Plantae sp.</i>		2023		176642304*	

Common Name	Scientific Name	Designation	Observation Year	Species ID	iNat observation #
Great Blue Heron	<i>Ardea herodias</i>	S4	2023	180064	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2023	180287	
Eastern Wood-Pewee	<i>Contopus virens</i>	S4B	2023	180294	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S4B	2023	180311	
Blue Jay	<i>Cyanocitta cristata</i>	S5	2023	180325	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2023	180332	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5	2023	180336	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2023	180384	
Pine Warbler	<i>Setophaga pinus</i>	S5B, S3N	2023	180404	
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B, S4N	2023	180461	

Common Name	Scientific Name	Designation	Observation Year	Species ID	iNat observation #
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023	180741	

Common Name	Scientific Name	Designation	Observation Year	Species ID	iNat observation #
American Bullfrog	<i>Lithobates catesbeianus</i>	S4	2023	180032	
Northern Leopard Frog	<i>Lithobates pipiens</i>	S5	2023	180036	

Common Name	Scientific Name	Designation	Observation Year	Species ID	iNat observation #
Dragonhunter	<i>Hagenius brevistylus</i>	S5	2023	181129	
Calico Pennant	<i>Celithemis elisa</i>	S5	2023	181181	
Twelve-spotted Skimmer	<i>Libellula pulchella</i>	S5	2023	181194	
Autumn Meadowhawk	<i>Sympetrum vicinum</i>	S5	2023	181213	

Plants							
Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #		
Interrupted Clubmoss	<i>Spinulum annotinum</i>	S5	2023		2000		
Flat-branched Tree Clubmoss	<i>Dendrolycopodium obscurum</i>	S4	2023		2018		
Interrupted Fern	<i>Osmunda claytoniana</i>	S5	2022, 2023		6002		
Royal Fern	<i>Osmunda spectabilis</i>	S5	2022, 2023		6006		
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2022, 2023		9102		
Lady Fern	<i>Athyrium filix-femina angustum</i>	S5	2022		9302	123634337*	
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2022		9320		
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2022, 2023		9336		123526141
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2022, 2023		9370		
Marsh Fern	<i>Thelypteris palustris</i>	S5	2022		9406		
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023		9500		
Rock Polypody	<i>Polypodium virginianum</i>	S5	2022, 2023		9704		
White Pine	<i>Pinus strobus</i>	S5	2022, 2023		13024		
Common Juniper	<i>Juniperus communis</i>	S5	2022, 2023		13500		
White Cedar	<i>Thuja occidentalis</i>	S5	2022, 2023		13508		
Broad-leaved Cattail	<i>Typha latifolia</i>	S5	2023		14002		
Grass-leaved Bur-reed	<i>Sparganium fluctuans</i>	S5?	2022, 2023		15008		
Wild Red Raspberry	<i>Rubus idaeus</i>	S5	2022, 2023		16820		
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2022, 2023		19018		
Long-awned Wood Grass	<i>Brachyelytrum erectum</i>	S4	2022		22084		
Northern Shorthusk	<i>Brachyelytrum aritosum</i>	S5?	2023		22086		
Poverty Oat Grass	<i>Danthonia spicata</i>	S5	2023		22182		
Wavy Hair Grass	<i>Avonella flexuosa</i>	S5	2023		22190		
Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>	S5	2023		22197		
Slender Dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023		22240		
Rattlesnake Manna Grass	<i>Glyceria canadensis</i>	S5	2023		22342		
Grass sp.			2022		22389	123525316*	
Rice Grass	<i>Oryzopsis asperifolia</i>	S5	2022, 2023		22446		
Drooping Woodland Sedge	<i>Carex arctata</i>	S5	2022		23038		123634211
Brownish Sedge	<i>Carex brunnescens</i>	S5	2022		23076	123634623*	
Fibrous-rooted Sedge	<i>Carex communis</i>	S5	2023		23104		
Bladder Sedge	<i>Carex intumescens</i>	S5	2023		23236		
Sallow Sedge	<i>Carex lurida</i>	S4S5	2022, 2023		23282	123635327*	123449992*
Blunt Broom Sedge	<i>Carex scoparia</i>	S5	2022		23400		
Tussock Sedge	<i>Carex stricta</i>	S5	2022, 2023		23418		
Northwest Territory Sedge	<i>Carex utriculata</i>	S5	2023		23456		
Sedge sp.	<i>Carex sp.</i>		2022		23481	123635169*	
Sedge sp.	<i>Carex sp.</i>		2022		23481	123525499*	
Sedge sp.	<i>Carex sp.</i>		2022		23481	123525156*	
Sedge sp.	<i>Carex gynandra/crinata</i>	S5	2022		23481	123524999*	
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2022, 2023		23540		
Woolgrass	<i>Scirpus cyperinus</i>	S5	2023		23650		
Bog Yellow-eyed Grass	<i>Xyris difformis</i>	S4	2023		26000		
Pickeralweed	<i>Pontederia cordata</i>	S5	2022		30004		
Canada Rush	<i>Juncus canadensis</i>	S5	2023		31022		
Soft Rush	<i>Juncus effusus</i>	S5	2023		31028		
Blue-eyed Grass sp.	<i>Sisyrinchium sp.</i>		2022, 2023		32027		
Bluebead Lily	<i>Clintonia borealis</i>	S5	2021, 2022, 2023		32030	123634392	80744470
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2022, 2023		32058		
False Solomon's Seal	<i>Maianthemum racemosum</i>	S5	2022, 2023		32062		
Cucumber Root	<i>Medeola virginiana</i>	S5	2022		32068		
Hairy Solomon's Seal	<i>Polygonatum pubescens</i>	S5	2022, 2023		32086		
Rose Twisted-stalk	<i>Streptopus lanceolatus</i>	S5	2023		32092		
Blue Flag Iris	<i>Iris versicolor</i>	S5	2022, 2023		36014		
Pink Lady's Slipper	<i>Cypripedium acaule</i>	S5	2022, 2023		39022		
Broad-leaved Helleborine	<i>Epipactis helleborine</i>	SNA	2022		39040		
Western Rattlesnake Plantain	<i>Goodyera oblongifolia</i>	S4	2021, 2022		39044	123583301	80615975
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2022, 2023		39052	123582973*	
Rose Pogonia	<i>Pogonia ophioglossoides</i>	S4S5	2022, 2023		39120	123635802	
Large-toothed Aspen	<i>Populus grandidentata</i>	S5	2022		41012		
Trembling Aspen	<i>Populus tremuloides</i>	S5	2022		41016		
Sweet Gale	<i>Myrica gale</i>	S5	2022, 2023		42002		
Speckled Alder	<i>Alnus incana</i>	S5	2022, 2023		45002		
White Birch	<i>Betula papyrifera</i>	S5	2023		45020		
White Oak	<i>Quercus alba</i>	S5	2022, 2023		46004		
Red Oak	<i>Quercus rubra</i>	S5	2022, 2023		46020		
Fringed Bindweed	<i>Fallopia cilinoidis</i>	S5	2022, 2023		54030		
Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2022, 2023		54070		
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2022, 2023		54086		
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2022, 2023		63002		

White Water Lily	<i>Nymphaea odorata</i>	S5	2022	63006	
Watershield	<i>Brasenia schreberi</i>	S5	2022, 2023	63600	
Wild Columbine	<i>Aquilegia canadensis</i>	S5	2022	64026	
Rock Harlequin	<i>Capnoides sempervirens</i>	S5	2022, 2023	71508	
Round-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2022	76006	123635723
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016	
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2022, 2023	82226	
Black Cherry	<i>Prunus serotina</i>	S5	2022	82288	
Northern Dewberry	<i>Rubus flagellaris</i>	S4	2022	82348	
Swamp Dewberry	<i>Rubus hispidus</i>	S4	2022	82352	
White Spiraea	<i>Spiraea alba</i>	S5	2022, 2023	82386	
Steeplebush	<i>Spiraea tomentosa</i>	S5	2022, 2023	82398	
Small-flowered Crane's-bill	<i>Geranium pusillum</i>	SNA	2021	86020	80897376*
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2022, 2023	97010	
Winterberry Holly	<i>Ilex verticillata</i>	S5	2022, 2023	99002	
Striped Maple	<i>Acer pensylvanicum</i>	S4	2022, 2023	102006	
Red Maple	<i>Acer rubrum</i>	S5	2023	102012	
Jewelweed	<i>Impatiens capensis</i>	S5	2022, 2023	105000	
St. John's-wort sp.	<i>Hypericum sp.</i>		2022, 2023	111029	
Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2023	115024	
Bristly Sarsaparilla	<i>Aralia hispida</i>	S5	2023	128002	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2022, 2023	128004	
Bulb-bearing Water Hemlock	<i>Cicuta bulbifera</i>	S5	2022	129022	
Bunchberry	<i>Cornus canadensis</i>	S5	2022, 2023	130006	
Pinesap	<i>Monotropa hypopitys</i>	S4	2022	132000	
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2022	133014	
Trailing Arbutus	<i>Epigaea repens</i>	S5	2022	133016	
Wintergreen	<i>Gaultheria procumbens</i>	S5	2022, 2023	133020	
Black Huckleberry	<i>Gaylussacia baccata</i>	S5	2022, 2023	133022	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2022, 2023	133040	
Swamp Candles	<i>Lysimachia terrestris</i>	S5	2022, 2023	135026	
Starflower	<i>Lysimachia borealis</i>	S5	2022, 2023	135052	
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	S5	2022	144000	
Wild Basil	<i>Clinopodium vulgare</i>	SNA	2022	151026	
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2022, 2023	151068	
Marsh Skullcap	<i>Scutellaria galericulata</i>	S5	2023	151140	
Narrowleaf Cow Wheat	<i>Melampyrum lineare</i>	S5	2022, 2023	153092	123525937
American Cancer-root	<i>Conopholis americana</i>	S4	2022	156000	123528055
Partridgeberry	<i>Mitchella repens</i>	S5	2022, 2023	161052	
American Fly Honeysuckle	<i>Lonicera canadensis</i>	S5	2023	162008	
Glaucous Honeysuckle	<i>Lonicera dioica</i>	S5	2022	162012	
Elderberry	<i>Sambucus canadensis</i>	S5	2022	162038	
Hobblebush	<i>Viburnum lantanoides</i>	S5	2022, 2023	162066	
Yellow Hawkweed	<i>Pilosella sp.</i>		2022	168003	
Large-leaved Aster	<i>Eurybia macrophyllus</i>	S5	2022, 2023	168190	
Tall Rattlesnakeroot	<i>Nabalus altissimus</i>	S5	2022	168650	123524637*

Birds

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Canada Goose	<i>Branta canadensis</i>	S5	2021, 2023	
Wood Duck	<i>Aix sponsa</i>	S5B	2021, 2022	
Mallard	<i>Anas platyrhynchos</i>	S5	2021, 2023	
Ruffed Grouse	<i>Bonasa umbellus</i>	S5	2021, 2022, 2023	
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	S4B, SARO THR, COSEWIC SC	2022	123525643*
Common Tern	<i>Sterna hirundo</i>	S4B	2022	
Common Loon	<i>Gavia immer</i>	S5	2022	
Great Blue Heron	<i>Ardea herodias</i>	S4	2021	
Turkey Vulture	<i>Cathartes aura</i>	S5B	2022	
Broad-winged Hawk	<i>Buteo platypterus</i>	S5B	2022, 2023	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B	2021	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2022	
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	2022	
Northern Flicker	<i>Colaptes auratus</i>	S5	2021, 2023	
Eastern Wood-pewee	<i>Contopus virens</i>	S4B, COSEWIC SC, SARO SC	2022	124122382
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	2022, 2023	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2021, 2022, 2023	
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S5B	2021	
Blue-headed Vireo	<i>Vireo solitarius</i>	S5B	2022	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2021, 2022, 2023	
Blue Jay	<i>Cyanocitta cristata</i>	S5	2021, 2022, 2023	
American Crow	<i>Corvus brachyrhynchos</i>	S5	2022, 2023	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2021	
Barn Swallow	<i>Hirundo rustica</i>	S4B, SARO THR, COSEWIC THR	2022	
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5	2021, 2022, 2023	
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	2022	
House Wren	<i>Troglodytes aedon</i>	S5B	2022	
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2022, 2023	
Veery	<i>Catharus fuscescens</i>	S5B	2021, 2022	
American Robin	<i>Turdus migratorius</i>	S5	2021, 2022	
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2021, 2022	
Song Sparrow	<i>Melospiza melodia</i>	S5	2021, 2023	
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	2022	
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5B	2021	
Common Grackle	<i>Quiscalus quiscula</i>	S4B	2021, 2022	
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2021, 2022, 2023	
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	2021, 2022, 2023	
Nashville Warbler	<i>Setophaga pensylvanica</i>	S5B	2023	
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	2021, 2023	
American Redstart	<i>Setophaga ruticilla</i>	S5B	2021, 2022, 2023	
Pine Warbler	<i>Setophaga pinus</i>	S5B	2021, 2022, 2023	
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B	2021, 2022	
Prairie Warbler	<i>Setophaga discolor</i>	S2B	2022	124122728
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2021, 2022, 2023	

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
American Toad	<i>Anaxyrus americanus</i>	S5	2022	
Wood Frog	<i>Lithobates sylvanius</i>	S5	2022	
Northern Map Turtle	<i>Graptemys geographica</i>	S3, COSEWIC SC, SARO SC	2022	
Green Frog	<i>Lithobates clamitans</i>	S5	2022, 2023	
American Bullfrog	<i>Lithobates catesbeianus</i>	S4	2022	
Five-lined Skink	<i>Plesticdon fasciatus</i>	S3, COSEWIC SC, SARO SC	2022	
Gray Treefrog	<i>Hyla versicolor</i>	S5	2022	

Mammals

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2022, 2023		
Red Fox	<i>Vulpes vulpes</i>	S5	2022		
Weasel sp.			2022		
Beaver	<i>Castor canadensis</i>	S5	2022		
Chipmunk	<i>Tamias striatus</i>	S5	2022		
Black Bear	<i>Ursus americanus</i>	S5	2022		
Moose	<i>Alces alces</i>	S5	2022		

Insects

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Northern Pearly-eye	<i>Lethe anhedon</i>	S5	2023		
Clubtail sp.	<i>Phanogomphus sp.</i>		2022	181126	123728356
Dragonhunter	<i>Hagenius brevistylus</i>	S5	2022	181129	
Common Green Darner	<i>Anax junius</i>	S5	2022	181147	
Racket-tailed Emerald	<i>Dorocordulia libera</i>	S5	2022	181158	
Calico Pennant	<i>Celithemis elisa</i>	S5	2022	181181	
Slaty Skimmer	<i>Libellula incesta</i>	S4	2023		
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2022	181193	
Chalk-fronted Corporal	<i>Ladona julia</i>	S5	2022	181199	
Elfin Skimmer	<i>Nannothemis bella</i>	S4	2022, 2023	181200	
Swamp Spreadwing	<i>Lestes vigilax</i>	S4	2022	181229	123448574
Powdered Dancer	<i>Argia moesta</i>	S5	2023		
Eastern Forktail	<i>Ischnura verticalis</i>	S5	2022, 2023	181257	
Sedge Sprite	<i>Nehalennia irene</i>	S5	2022, 2023	181258	
Sphagnum Sprite	<i>Nehalennia gracilis</i>	S4	2022	181259	
Crocus Geometer Moth	<i>Xanthotype sp.</i>	S5?	2022	200133	
Beech Erineum Mite	<i>Acalitus ferrugineum</i>		2022		123634952*
Ocellate Gall Midge	<i>Acericecis ocellaris</i>		2022		
Larger Empty Oak Apple Wasp	<i>Amphibolips quercusinanis</i>		2021		80746577

← BURGHS SPECIES →

Plants

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Stag's-horn Clubmoss	<i>Lycopodium clavatum</i>	S5	2023	2002	171282804*
Hickey's Tree-clubmoss	<i>Dendrolycopodium hickeyi</i>	S4	2023	2012	
Flat-branched Tree-clubmoss	<i>Dendrolycopodium obscurum</i>	S4	2023	2018	
Cutleaf Grapefern	<i>Sceptridium dissectum</i>	S4S5	2022	5006	141004789
Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	S5	2022	6000	152928030
Royal Fern	<i>Osmunda regalis</i>	S5	2023	6004	
Bracken Fern	<i>Pteridium aquilinum</i>	S5	2023	9102	
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2023	9320	173416417* 173416876*
Intermediate Wood Fern	<i>Dryopteris intermedia</i>	S5	2022	9334	128436350
Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2023	9336	170955235
Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2021, 2023	9370	152779078
Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023	9500	
Rock Polypody	<i>Polypodium virginianum</i>	S5	2023	9704	
Red Pine	<i>Pinus resinosa</i>	S5	2023	13020	
White Pine	<i>Pinus strobus</i>	S5	2023	13024	
Common Juniper	<i>Juniperus communis</i>	S5	2023	13500	
White Cedar	<i>Thuja occidentalis</i>	S5	2023	13508	
Grass-leaved Bur-reed	<i>Sparganium fluctuans</i>	S5	2023	15008	
Bur-reed sp.	<i>Sparganium sp.</i>		2023	15009	
Floating-leaved Pondweed	<i>Potamogeton natans</i>	S5	2022, 2023	16130	173419092* 127996498*
Red Raspberry	<i>Rubus idaeus</i>	S5	2023	16820	
Grass-leaved Arrowhead	<i>Sagittaria graminea</i>	S4	2022	19012	124567818
Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2023	19018	
Northern Shorthusk	<i>Brachyelytrum aristosum</i>	S5?	2023	22086	173417580*
Poverty Oat Grass	<i>Danthonia spicata</i>	S5	2023	22182	
Wavy Hair-Grass	<i>Avenella flexuosa</i>	S5	2023	22190	166872250*
Slender Dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023	22240	
Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>	S5	2023	22241	
Rattlesnake Mannagrass	<i>Glyceria canadensis</i>	S5	2023	22342	
White-grained Mountain Rice-grass	<i>Oryzopsis asperifolia</i>	S5	2023	22446	
White-tinged Sedge	<i>Carex albicans</i>	S3	2023	23014	
Drooping Woodland Sedge	<i>Carex arctata</i>	S5	2023	23038	
Brownish Sedge	<i>Carex brunnescens</i>	S5	2023	23076	173416564*
Clustered Sedge	<i>Carex cumulata</i>	S4	2023	23128	173416158*
Star Sedge	<i>Carex echinata</i>	S5	2023	23156	
Nodding Sedge	<i>Carex gynandra</i>	S5	2023	23204	173417800*
Bladder Sedge	<i>Carex intumescens</i>	S5	2023	23236	173417732*
Sallow Sedge	<i>Carex lurida</i>	S4S5	2023	23282	
Tussock Sedge	<i>Carex stricta</i>	S5	2023	23418	
Blunt Broom Sedge	<i>Carex tribuloides</i>	S4	2023	23444	
Northwest Territory Sedge	<i>Carex utriculata</i>	S5	2023	23456	
Sedge sp.	<i>Carex sp.</i>		2023	23481	173417984*
Straw-colored Flatsedge	<i>Cyperus strigosus</i>	S5	2022	23538	127555507
Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2023	23540	
Tawny Cottongrass	<i>Eriophorum virginicum</i>	S5	2023	23610	
White Beak Sedge	<i>Rhynchospora alba</i>	S5	2023	23632	
Brownish Beakrush	<i>Rhynchospora capitellata</i>	S4	2023	23636	
Woolgrass	<i>Scirpus cyperinus</i>	S5	2023	23650	
Bog Yellow-eyed Grass	<i>Xyris difformis</i>	S4	2023	26000	173417700* 173418936*
Common Pipewort	<i>Eriocaulon aquaticum</i>	S5	2023	27000	
Pickeralweed	<i>Pontederia cordata</i>	S5	2023	30004	
Canada Rush	<i>Juncus canadensis</i>	S5	2023	31022	
Soft Rush	<i>Juncus effusus</i>	S5	2023	31028	
Blue Beak Lily	<i>Clintonia borealis</i>	S5	2023	32030	
Canada Mayflower	<i>Maianthemum canadense</i>	S5	2023	32058	
Solomon's Plume	<i>Maianthemum racemosum</i>	S5	2022	32062	152928895
Indian Cucumber Root	<i>Medeola virginiana</i>	S5	2023	32068	
Hairy Solomon's Seal	<i>Polygonatum pubescens</i>	S5	2023	32086	
Red Trillium	<i>Trillium erectum</i>	S5	2022	32100	152927523
Large White Trillium	<i>Trillium grandiflorum</i>	S5	2022	32104	152777844
Blue Flag Iris	<i>Iris versicolor</i>	S5	2023	36014	
Tuberous Grasspink	<i>Calopogon tuberosus</i>	S4S5	2023	39008	173418214
Pink Ladyslipper	<i>Cypripedium acaule</i>	S5	2022, 2023	39022	129197430
Checkered Rattlesnake Plantain	<i>Goodyera tessellata</i>	S5	2023	39052	173417878* 173418060* 173419009* 173828260*
Trembling Aspen	<i>Populus tremuloides</i>	S5	2023	41016	
Sweet Gale	<i>Myrica gale</i>	S5	2023	42002	
White Birch	<i>Betula papyrifera</i>	S5	2023	45020	
American Beech	<i>Fagus grandifolia</i>	S4	2023	46002	
White Oak	<i>Quercus alba</i>	S5	2023	46004	
Red Oak	<i>Quercus rubra</i>	S5	2023	46020	
Fringed Bindweed	<i>Fallopia cilinodis</i>	S5	2023	54030	
Dotted Knotweed	<i>Persicaria punctata</i>	S5	2023	54062	
Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2023	54070	
Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2023	54086	
Yellow Water Lily	<i>Nuphar variegata</i>	S5	2023	63002	
White Water Lily	<i>Nymphaea odorata</i>	S5	2023	63006	
Watershield	<i>Brasenia schreberi</i>	S5	2023	63600	
Wild Columbine	<i>Aquilegia canadensis</i>	S5	2023	64026	
Threeleaf Goldthread	<i>Coptis trifolia</i>	S5	2023	64050	

Rock Harlequin	<i>Capnoides sempervirens</i>	S5	2023	71508	
Prickly Gooseberry	<i>Ribes cynosbati</i>	S5	2023	79506	168832182*
Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016	
Marsh Cinquefoil	<i>Comarum palustre</i>	S5	2023	82032	
Wild Strawberry	<i>Fragaria virginiana</i>	S5	2023	82162	
Rough Cinquefoil	<i>Potentilla norvegica</i>	S5	2023	82226	
Dwarf Raspberry	<i>Rubus pubescens</i>	S5	2023	82368	173416807*
White Spiraea	<i>Spiraea alba</i>	S5	2023	82386	
Steeplebush	<i>Spiraea tomentosa</i>	S5	2023	82398	
Marsh Pea	<i>Lathyrus palustris</i>	S5	2023	83124	
Fringed Polygala	<i>Polygala paucifolia</i>	S5	2023	91006	
Poison Ivy	<i>Toxicodendron radicans</i>	S5	2023	97010	
Staghorn Sumac	<i>Rhus typhina</i>	S5	2023	97018	
Winterberry Holly	<i>Ilex verticillata</i>	S5	2023	99002	
Mountain Holly	<i>Ilex mucronata</i>	S5	2023	99004	
Striped Maple	<i>Acer pensylvanicum</i>	S4	2023	102006	
Red Maple	<i>Acer rubrum</i>	S5	2023	102012	173417320*
Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023	105000	
Basswood	<i>Tilia americana</i>	S5	2022	108000	128507693*
Canada St. John's Wort	<i>Hypericum canadense</i>	S4	2023	111004	173415940*
Pale St. John's-wort	<i>Hypericum ellipticum</i>	S5	2023	111010	173418887*
Marsh St. John's-wort	<i>Triadenum sp.</i>		2023	111011	
Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2023	115024	
Violet sp.	<i>Viola sp.</i>		2023	115025	173416288*
Purple Loosestrife	<i>Lythrum salicaria</i>	SNA	2023	121010	173416013*
Bristly Sarsaparilla	<i>Aralia hispida</i>	S5	2023	128002	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2023	128004	
Alternate-leaved Dogwood	<i>Cornus alternifolia</i>	S5	2022	130000	152927855
Bunchberry	<i>Cornus canadensis</i>	S5	2023	130006	166473693
Ghost Pipe	<i>Monotropa uniflora</i>	S5	2023	132002	174019907
Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2023	133014	
Trailing Arbutus	<i>Epigaea repens</i>	S5	2023	133016	
Wintergreen	<i>Gaultheria procumbens</i>	S5	2023	133020	171113042
Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2023	133022	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2023	133040	
Swamp Candles	<i>Lysimachia terrestris</i>	S5	2023	135026	
Starflower	<i>Lysimachia borealis</i>	S5	2023	135052	
White Ash	<i>Fraxinus americana</i>	S4	2023	141004	173415123*
Little Floatingheart	<i>Nymphoides cordata</i>	S4	2023	143502	172874590*
Spreading Dogbane	<i>Apocynum androsaemifolium</i>	S5	2023	144000	
Swamp Milkweed	<i>Asclepias incarnata</i>	S5	2023	145004	
Wild Basil	<i>Clinopodium vulgare</i>	S5	2023	151026	173417273*
American Bugleweed	<i>Lycopus americanus</i>	S5	2023	151060	
Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2023	151068	
Marsh Skullcap	<i>Scutellaria galericulata</i>	S5	2023	151140	
Side-flowering Skullcap	<i>Scutellaria lateriflora</i>	S5	2023	151142	173415585*
Purple False Foxglove	<i>Agalinis purpurea</i>	S4S5	2022	153002	128436319
Narrowleaf Cow Wheat	<i>Melampyrum lineare</i>	S5	2023	153092	
Partridgeberry	<i>Mitchella repens</i>	S5	2023	161052	
Northern Bush Honeysuckle	<i>Diervilla lonicera</i>	S5	2023	162000	
American Fly Honeysuckle	<i>Lonicera canadensis</i>	S5	2023	162008	
Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2023	168190	
Devil Beggarticks	<i>Bidens frondosa</i>	S5	2023	168270	
Boneset	<i>Eupatorium perfoliatum</i>	S5	2023	168424	
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	S5	2023	168438	
Canada Wild Lettuce	<i>Lactuca canadensis</i>	S5	2023	168560	
Perennial Sow Thistle	<i>Sonchus arvensis</i>	SNA	2022	168798	132064125
Grape Woodbine	<i>Parthenocissus vitacea</i>	S5	2023	194328	
Fibrous-rooted Sedge	<i>Carex communis</i>	S5	2023	1004821	
Little Green Sedge	<i>Carex viridula</i>	S5	2023	1008223	
Black Cherry	<i>Prunus serotina</i>	S5	2023	1010704	173415454
Reed Canary Grass	<i>Phalaris arundinacea</i>	SNA	2022	1010987	152928206

Birds

Common Name	Scientific Name	Designation	Observation Years	iNat observation #
Osprey	<i>Pandion haliaetus</i>	S5B	2023	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B	2023	
Hairy Woodpecker	<i>Dryobates villosus</i>	S5B	2023	
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2023	
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2023	
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2023	
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2023	
American Robin	<i>Turdus migratorius</i>	S5	2023	
American Goldfinch	<i>Spinus tristis</i>	S5	2023	
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2023	
Song Sparrow	<i>Melospiza melodia</i>	S5	2023	
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4B	2023	
Common Grackle	<i>Quiscalus quiscula</i>	S5	2023	
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2023	
Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	2023	
American Redstart	<i>Setophaga ruticilla</i>	S5B	2023	
Pine Warbler	<i>Setophaga pinus</i>	S5B	2023	
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B	2023	
Prairie Warbler	<i>Setophaga discolor</i>	S2B	2023	
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2023	
Scarlet Tanager	<i>Piranga olivacea</i>	S5B	2023	

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #				
Spotted Salamander	<i>Ambystoma maculatum</i>	S4	2023	180021	173418179*				
American Toad	<i>Anaxyrus americanus</i>	S5	2022, 2023	180021	175264451*	170955245	136347734		
Green Frog	<i>Lithobates clamitans</i>	S5	2023	180033					
Northern Ringneck Snake	<i>Diadophis punctatus edwardsii</i>	S4	2022	180764	135718990				
Eastern Garter Snake	<i>Thamnophis sirtalis sirtalis</i>	S5	2023	182499	171113219	169716449	169187410	166851345	

Mammals

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023		

Insects

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Northern Pearly-Eye	<i>Lethe anthedon</i>	S5	2023	181021	
Eyed Brown	<i>Lethe eurydice</i>	S5	2023	181022	171744431
Black-shouldered Spinyleg	<i>Dromogomphus spinosus</i>	S5	2022, 2023	181115	171115548 122395346
Canada Darner	<i>Aeshna canadensis</i>	S5	2022	181136	133194289
Calico Pennant	<i>Celithemis elisa</i>	S5	2023	181181	
Slaty Skimmer	<i>Libellula incesta</i>	S4	2023	181192	171134718
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2023	181193	150491417
Common Whitetail	<i>Plathemis lydia</i>	S5	2023	181198	
Swamp Spreadwing	<i>Lestes vigilax</i>	S4	2022	181229	127996495
Powdered Dancer	<i>Argia moesta</i>	S5	2023	181234	
Skimming Bluet	<i>Enallagma geminatum</i>	S4	2022	181251	126397039
Eastern Forktail	<i>Ischnura verticalis</i>	S5	2022	181257	121032739
Sedge Sprite	<i>Nehalennia irene</i>	S5	2022, 2023	181258	122396003
Pine Tree Spur-throat Grasshopper	<i>Melanoplus punctulatus</i>	S4	2022	181271	149677883
Large Lace-border Moth	<i>Scopula limboundata</i>	S5	2023	199887	171290821
Canadian Flat-back Millipede	<i>Pseudopolydesmus canadensis</i>	SNR	2023	200850	166851416
Tricolored Bumble Bee	<i>Bombus ternarius</i>	S5	2022	201380	127996503
Variable Field Ant	<i>Formica pallidefulva</i>	S4S5	2023	1263516	166851279*
Common Citronella Ant	<i>Lasius claviger</i>	S4	2023	1263525	166851157*
Dusky Stink Bug	<i>Euschistus tristigmus</i>		2023		173416233*
Olethreutine Leafroller Moths sp.	<i>Olethreutinae sp.</i>		2023		168277837*

Plants	Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
	Hickey's Tree-Clubmoss	<i>Dendrolycopodium hickeyi</i>	S4	2023	2012	
	Cinnamon Fern	<i>Osmundastrum cinnamomeum</i>	S5	2023	6000	
	Royal Fern	<i>Osmunda regalis</i>	S5	2023	6004	
	Bracken Fern	<i>Pteridium aquilinum</i>	S5	2023	9102	
	Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	S5	2023	9320	
	Marginal Wood Fern	<i>Dryopteris marginalis</i>	S5	2023	9336	
	Sensitive Fern	<i>Onoclea sensibilis</i>	S5	2023	9370	
	Virginia Chain Fern	<i>Anchistea virginica</i>	S4	2023	9500	
	Rock Polypody	<i>Polypodium virginianum</i>	S5	2023	9704	34246548
	Balsam Fir	<i>Abies balsamea</i>	S5	2023	13000	
	Tamarack	<i>Larix laricina</i>	S5	2023	13004	
	Black Spruce	<i>Picea mariana</i>	S5	2023	13010	
	Red Pine	<i>Pinus resinosa</i>	S5	2023	13020	
	White Pine	<i>Pinus strobus</i>	S5	2023	13024	
	Common Juniper	<i>Juniperus communis</i>	S5	2023	13500	
	White Cedar	<i>Thuja occidentalis</i>	S5	2023	13508	
	Grass-leaved Bur-reed	<i>Sparganium fluctuans</i>	S5?	2023	15008	
	Red Raspberry	<i>Rubus idaeus</i>	S5	2023	16820	
	Broad-leaved Arrowhead	<i>Sagittaria latifolia</i>	S5	2023	19018	
	Northern Shorthusk	<i>Brachyelytrum aristosum</i>	S5?	2023	22086	
	Poverty Oatgrass	<i>Danthonia spicata</i>	S5	2023	22182	
	Wavy Hairgrass	<i>Avenella flexuosa</i>	S5	2023	22190	
	Slender Dichanthelium	<i>Dichanthelium xanthophyllum</i>	S4	2023	22240	
	Hairy Rosette Grass	<i>Dichanthelium acuminatum</i>	S5	2023	22241	
	Rattlesnake Managrass	<i>Glyceria canadensis</i>	S5	2023	22342	170956011
	Rice Cutgrass	<i>Leersia oryzoides</i>	S5	2023	22388	
	White-grained Mountain-Ricegrass	<i>Oryzopsis asperifolia</i>	S5	2023	22446	
	Fringed Sedge	<i>Carex crinita</i>	S5	2023	23120	173441102 173410145
	Clustered Sedge	<i>Carex cumulata</i>	S4	2021, 2023	23128	173440872 110103760
	Sallow Sedge	<i>Carex lurida</i>	S4S5	2022, 2023	23282	123635327*
	Few-seeded Sedge	<i>Carex oligosperma</i>	S5	2023	23334	173406504
	Long Stalked Sedge	<i>Carex pedunculata</i>	S5	2022, 2023	23348	115979648*
	Tussock Sedge	<i>Carex stricta</i>	S5	2023	23418	
	Blunt Broom Sedge	<i>Carex tribuloides</i>	S4	2023	23444	173406366*
	Northwest Territory Sedge	<i>Carex utriculata</i>	S5	2023	23456	
	Sedge sp.	<i>Carex sp.</i>	S5	2023	23481	173408481* 173407636* 173405082*
	Three-way Sedge	<i>Dulichium arundinaceum</i>	S5	2023	23540	
	Tawny Cotton-grass	<i>Eriophorum virginicum</i>	S5	2023	23610	
	Brownish Beaked-rush	<i>Rhynchospora capitellata</i>	S4	2022	23636	142618863
	Woolgrass	<i>Scirpus cyperinus</i>	S5	2023	23650	
	Three Square Bulrush	<i>Schoenoplectus pungens</i>	S5	2023	23670	
	Calla Lily	<i>Calla palustris</i>	S5	2023	24006	
	Common Pipewort	<i>Eriocaulon aquaticum</i>	S5	2023	27000	
	Pickerelweed	<i>Pontederia cordata</i>	S5	2023	30004	
	Soft Rush	<i>Juncus effusus</i>	S5	2023	31028	
	Canada Mayflower	<i>Maianthemum canadense</i>	S5	2023	32058	
	Three-leaved False Solomon's Seal	<i>Maianthemum trifolium</i>	S5	2023	32066	
	Hairy Solomon's Seal	<i>Polygonatum pubescens</i>	S5	2023	32086	
	Northern Blue Flag Iris	<i>Iris versicolor</i>	S5	2023	36014	
	Pink Lady's-slipper	<i>Cypripedium acaule</i>	S5	2023	39022	
	Checkered Rattlesnake Plantain	<i>Goodyera tesselata</i>	S5	2021, 2023	39052	171110307* 170922700 93944756 93944599 93944572 93944543 93944515 93944492 93944476 93944412
	Rose Pogonia	<i>Pogonia ophioglossoides</i>	S4S5	2022	39120	171110659
	Trembling Aspen	<i>Populus tremuloides</i>	S5	2023	41016	
	Sweet Gale	<i>Myrica gale</i>	S5	2023	42002	
	Speckled Alder	<i>Alnus incana</i>	S5	2023	45002	
	Paper Birch	<i>Betula papyrifera</i>	S5	2023	45020	
	White Oak	<i>Quercus alba</i>	S5	2023	46004	
	Red Oak	<i>Quercus rubra</i>	S5	2023	46020	
	Bastard Toadflax	<i>Comandra umbellata</i>	S5	2023	51000	
	Fringed Bindweed	<i>Fallopia cilioides</i>	S5	2023	54030	
	Dotted Knotweed	<i>Persicaria punctata</i>	S5	2023	54062	
	Arrow-leaved Tearthumb	<i>Persicaria sagittata</i>	S4S5	2023	54070	
	Sheep Sorrel	<i>Rumex acetosella</i>	SNA	2023	54086	
	Yellow Water Lily	<i>Nuphar variegata</i>	S5	2023	63002	
	White Water Lily	<i>Nymphaea odorata</i>	S5	2023	63006	
	Watershield	<i>Brasenia schreberi</i>	S5	2023	63600	
	Rock Harlequin	<i>Capnoides sempervirens</i>	S5	2023	71508	
	Northern Purple Pitcher Plant	<i>Sarracenia purpurea purpurea</i>	S5	2023	75000	
	Spoon-leaved Sundew	<i>Drosera rotundifolia</i>	S5	2023	76006	
	Common Serviceberry	<i>Amelanchier arborea</i>	S5	2023	82016	
	Marsh cinquefoil	<i>Comarum palustre</i>	S5	2023	82032	
	Wild Strawberry	<i>Fragaria virginiana</i>	S5	2023	82162	
	White Spiraea	<i>Spiraea alba</i>	S5	2023	82386	
	Steeplebush	<i>Spiraea tomentosa</i>	S5	2023	82398	
	Fringed Polygala	<i>Polygaloides paucifolia</i>	S5	2023	91006	
	Winterberry Holly	<i>Ilex verticillata</i>	S5	2023	99002	
	Mountain Holly	<i>Ilex mucronata</i>	S5	2023	99004	
	Red Maple	<i>Acer rubrum</i>	S5	2023	102012	
	Silver Maple	<i>Acer saccharinum</i>	S5	2023	102014	
	Spotted Jewelweed	<i>Impatiens capensis</i>	S5	2023	105000	
	Lance-leaved Violet	<i>Viola lanceolata</i>	S4	2023	115024	
	Fireweed	<i>Chamaenerion angustifolium</i>	S5	2023	125010	
	Wild Sarsaparilla	<i>Aralia nudicaulis</i>	S5	2023	128004	
	Bunchberry	<i>Cornus canadensis</i>	S5	2023	130006	
	Leatherleaf	<i>Chamaedaphne calyculata</i>	S5	2021, 2023	133014	90554611
	Trailing Arbutus	<i>Epigaea repens</i>	S5	2023	133016	
	Wintergreen	<i>Gaultheria procumbens</i>	S5	2023	133020	
	Black Huckleberry	<i>Gaylussacia baccata</i>	S4	2023	133022	
	Lowbush Blueberry	<i>Vaccinium angustifolium</i>	S5	2023	133040	
	American Cranberry	<i>Vaccinium macrocarpon</i>	S4	2023	133046	173441456*
	Swamp Candles	<i>Lysimachia terrestris</i>	S5	2023	135026	
	Starflower	<i>Lysimachia borealis</i>	S5	2023	135052	
	Blue Vervain	<i>Verbena hastata</i>	S5	2023	150006	
	American Bugleweed	<i>Lycopus americanus</i>	S5	2023	151060	
	Northern Bugleweed	<i>Lycopus uniflorus</i>	S5	2023	151068	
	Narrowleaf Cow Wheat	<i>Melampyrum lineare</i>	S5	2023	153092	170997983
	Partridgeberry	<i>Mitchella repens</i>	S5	2023	161052	
	Large-leaved Aster	<i>Eurybia macrophylla</i>	S5	2023	168190	
	Boneset	<i>Eupatorium perfoliatum</i>	S5	2023	168424	

Birds

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Canada Goose	<i>Branta canadensis</i>	S5	2021, 2022		
Wood Duck	<i>Aix sponsa</i>	S5B	2020, 2021, 2022, 2023		
Mallard	<i>Anas platyrhynchos</i>	S5	2021, 2022, 2023		
Ring-necked Duck	<i>Aythya collaris</i>	S5B	2021		
Bufflehead	<i>Bucephala albeola</i>	S5	2021		
Common Merganser	<i>Mergus merganser</i>	S5B	2020, 2021		
Ruffed Grouse	<i>Bonasa umbellus</i>	S5	2020, 2021, 2022, 2023		
Common Nighthawk	<i>Chordeiles minor</i>	S4B, SARO SC, COSEWIC THR	2021, 2022		
Sandhill Crane	<i>Antigone canadensis</i>	S5B	2020, 2021, 2022		
Spotted Sandpiper	<i>Actitis macularius</i>	S5B	2020		
Herring Gull	<i>Larus argentatus</i>	S4B	2021		
Common Loon	<i>Gavia immer</i>	S5	2021		
Double-crested Cormorant	<i>Nannopterum auritum</i>	S5B	2019, 2020, 2021		
Great Blue Heron	<i>Ardea herodias</i>	S4	2020, 2021, 2022, 2023		
Turkey Vulture	<i>Cathartes aura</i>	S5B	2020, 2021, 2022, 2023		
Osprey	<i>Pandion haliaetus</i>	S5B	2020		
Broad-winged Hawk	<i>Buteo platypterus</i>	S5B	2020		
Red-tailed Hawk	<i>Buteo jamaicensis</i>	S5	2021		
Belted Kingfisher	<i>Megaceryle alcyon</i>	S5B	2019, 2021		
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	S5B	2020, 2022, 2023		
Downy Woodpecker	<i>Dryobates pubescens</i>	S5	2021		
Hairy Woodpecker	<i>Dryobates villosus</i>	S5	2020, 2022		
Pileated Woodpecker	<i>Dryocopus pileatus</i>	S5	2020, 2021, 2022		
Northern Flicker	<i>Colaptes auratus</i>	S5B	2019, 2020, 2021, 2022, 2023		
Merlin	<i>Falco columbarius</i>	S5B	2019, 2020		
Eastern Wood-Pewee	<i>Contopus virens</i>	S4B, SARO SC, COSEWIC SC	2021, 2022, 2023		
Least Flycatcher	<i>Empidonax minimus</i>	S5B	2020		
Eastern Phoebe	<i>Sayornis phoebe</i>	S5B	2019, 2020, 2021		
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	S5B	2020, 2021, 2023		
Eastern Kingbird	<i>Tyrannus tyrannus</i>	S5B	2020, 2023		
Blue-headed Vireo	<i>Vireo solitarius</i>	S5B	2020, 2021, 2022, 2023		
Red-eyed Vireo	<i>Vireo olivaceus</i>	S5B	2020, 2021, 2022, 2023		
Blue Jay	<i>Cyanocitta cristata</i>	S5	2020, 2021, 2022, 2023		
American Crow	<i>Corvus brachyrhynchos</i>	S5	2021		
Common Raven	<i>Corvus corax</i>	S5	2020		
Black-capped Chickadee	<i>Poecile atricapillus</i>	S5	2019, 2020, 2021, 2023		
Tree Swallow	<i>Tachycineta bicolor</i>	S5B	2020, 2021		
Red-breasted Nuthatch	<i>Sitta canadensis</i>	S5	2020, 2021, 2022, 2023		
White-breasted Nuthatch	<i>Sitta carolinensis</i>	S5	2021		
Winter Wren	<i>Troglodytes hiemalis</i>	S5B	2020, 2023		
Gray Catbird	<i>Dumetella carolinensis</i>	S5B	2020, 2021		
Brown Thrasher	<i>Toxostoma rufum</i>	S5B	2020, 2022, 2023		
Veery	<i>Catharus fuscescens</i>	S5B	2020, 2021, 2022, 2023		
Swainson's Thrush	<i>Catharus ustulatus</i>	S5B	2020		
Hermit Thrush	<i>Catharus guttatus</i>	S5B	2020		
American Robin	<i>Turdus migratorius</i>	S5	2020, 2021, 2022, 2023		
Cedar Waxwing	<i>Bombycilla cedrorum</i>	S5B	2019		
Purple Finch	<i>Haemorhous purpureus</i>	S5	2023		
American Goldfinch	<i>Spinus tristis</i>	S5	2020		
Chipping Sparrow	<i>Spizella passerina</i>	S5B	2020, 2021, 2022, 2023		
White-throated Sparrow	<i>Zonotrichia albicollis</i>	S5	2020, 2021, 2022, 2023		
Savannah Sparrow	<i>Passerculus sandwichensis</i>	S5B	2020		
Song Sparrow	<i>Melospiza melodia</i>	S5	2020, 2021, 2022, 2023		
Swamp Sparrow	<i>Melospiza georgiana</i>	S5B	2020, 2022, 2023		
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	S4B	2020, 2021, 2022, 2023		
Baltimore Oriole	<i>Icterus galbula</i>	S5B	2021		
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	S5	2020, 2021, 2022		
Rusty Blackbird	<i>Euphagus carolinus</i>	S4B, SARO SC, COSEWIC SC	2021		
Common Grackle	<i>Quiscalus quiscula</i>	S5	2020, 2021, 2023		
Ovenbird	<i>Seiurus aurocapilla</i>	S5B	2020, 2021, 2022, 2023		
Northern Waterthrush	<i>Parkesia noveboracensis</i>	S5B	2021		
Black-and-white Warbler	<i>Mniotilta varia</i>	S5B	2020, 2021, 2023		
Nashville Warbler	<i>Leiothlypis ruficapilla</i>	S5B	2020, 2021, 2022, 2023		

Common Yellowthroat	<i>Geothlypis trichas</i>	S5B	2020, 2021, 2022, 2023
American Redstart	<i>Setophaga ruticilla</i>	S5B	2021, 2022, 2023
Northern Parula	<i>Setophaga americana</i>	S5B	2020
Magnolia Warbler	<i>Setophaga magnolia</i>	S5B	2020
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	S5B	2020, 2021, 2023
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	S5B	2020
Palm Warbler	<i>Setophaga palmarum</i>	S5B	2020
Pine Warbler	<i>Setophaga pinus</i>	S5B	2020, 2021, 2022, 2023
Yellow-rumped Warbler	<i>Setophaga coronata</i>	S5B	2020, 2021, 2022
Prairie Warbler	<i>Setophaga discolor</i>	S2B	2020, 2021
Black-throated Green Warbler	<i>Setophaga virens</i>	S5B	2020, 2021, 2022, 2023
Scarlet Tanager	<i>Piranga olivacea</i>	S5B	2021, 2022

Herpetofauna

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Green Frog	<i>Lithobates clamitans</i>	S5	2023	180033	
Northern Leopard Frog	<i>Lithobates pipiens</i>	S5	2023	180036	

Insects

Common Name	Scientific Name	Designation	Observation Year	Species ID	iNat observation #				
Indian Skipper	<i>Hesperia sassacus</i>	S4	2022	180848	121900540				
Juvenal's Duskywing	<i>Erynnis juvenalis</i>	S5	2021	180856	81104273				
Least Skipper	<i>Ancyloxypha numitor</i>	S5	2023	180871					
Hobomok Skipper	<i>Lon hobomok</i>	S5	2019	180890	168689256				
Cabbage White	<i>Pieris rapae</i>	SNA	2023	180919					
Striped Hairstreak	<i>Satyrium liparops</i>	S5	2023	180949	170955033	1.28E+08			
Eastern Pine Elfin	<i>Callophrys niphon</i>	S5	2019	180958	168688249				
Harris's Checkerspot	<i>Chlosyne harrisii</i>	S4	2021	180996	83998300				
Lancet Clubtail	<i>Phanogomphus exilis</i>	S5	2022	181122	121900536*				
Ashy Clubtail	<i>Phanogomphus lividus</i>	S4	2022	181124	121900533*	81104274*			
Dragonhunter	<i>Hagenius brevistylus</i>	S5	2019	181129	29079013	29078440			
Common Green Darner	<i>Anax junius</i>	S5	2023	181147					
Springtime Darner	<i>Basiaeschna janata</i>	S5	2022	181149	121900537				
Stream Cruiser	<i>Didymops transversa</i>	S4	2020	181154	59223680				
American Emerald	<i>Cordulia shurtleffii</i>	S5	2022	181157	121900539	59223681			
Racket-tailed Emerald	<i>Dorocordulia libera</i>	S5	2019, 2020, 2023	181158	59223678	29079904			
Calico Pennant	<i>Celithemis elisa</i>	S5	2019, 2021, 2023	181181	83998288	1.73E+08	8.4E+07	2.9E+07	
Frosted Whiteface	<i>Leucorrhinia frigida</i>	S5	2019, 2021	181186	83998289	29079760			
Belted Whiteface	<i>Leucorrhinia proxima</i>	S5	2020	181191	59224407				
Slaty Skimmer	<i>Libellula incesta</i>	S4	2021, 2023	181192	83998301				
Widow Skimmer	<i>Libellula luctuosa</i>	S5	2021, 2023	181193	83998282				
Twelve-spotted Skimmer	<i>Libellula pulchella</i>	S5	2023	181194					
Four-spotted Skimmer	<i>Libellula quadrimaculata</i>	S5	2023	181195					
Common Whitetail	<i>Plathemis lydia</i>	S5	2019, 2021, 2023	181198	83998283	29078439			
Chalk-fronted Corporal	<i>Ladona julia</i>	S5	2021, 2023	181199	81021296				
Elfin Skimmer	<i>Nannothemis bella</i>	S4	2023	181200	173405542				
Skimming Bluet	<i>Enallagma geminatum</i>	S4	2022	181251	127823417				
Sedge Sprite	<i>Nehalennia irene</i>	S5	2023	181258					
Sphagnum Sprite	<i>Nehalennia gracilis</i>	S4	2023	181259					
Lilypad Clubtail	<i>Arigomphus furcifer</i>	S4, N3	2021	181268	83998281				
Chesnut-marked Pondweed Moth	<i>Paraponyx badiusalis</i>	S5?	2023	187846	173399741*				
<i>Laphria thoracica</i>	<i>Laphria thoracica</i>	SNR	2021	194310	83998295				
Spring Tree-Top Flasher	<i>Pyraetomena borealis</i>	S4S5	2023	197200	173404760*				
Virginia Ctenucha Moth	<i>Ctenucha virginica</i>	S5	2023	198568					
Rannock Looper Moth	<i>Macaria brunneata</i>	S4S5	2021	199179	83998290				
Yellow-washed Metarranthis Moth	<i>Metarranthis obfirmaria</i>	S4	2021	199352	81021297				
Bald Faced Hornet	<i>Dolichovespula maculata</i>	S4	2023	201400					
White Admiral	<i>Limenitis arthemis arther</i>	S5	2021	1010468	83998294				

Mammals

Common Name	Scientific Name	Designation	Observation Years	Species ID	iNat observation #
Beaver	<i>Castor canadensis</i>	S5	2023	180693	
White-tailed Deer	<i>Odocoileus virginianus</i>	S5	2023	180741	
Moose	<i>Alces americanus</i>	S5	2023	180742	

Appendix 2

Photos of Lands and Species (2022-2023)

Photos by Eleanor Proctor & other GBLT staff



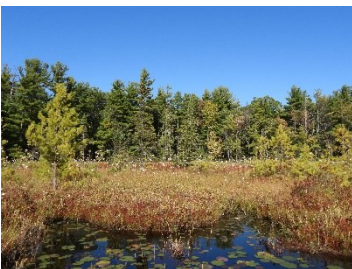
Mating Massasauga
Rattlesnakes



Leatherleaf sphagnum Bog



Ribbon Snake



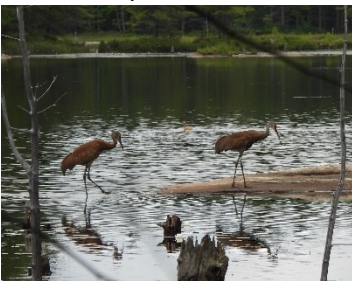
One of many Interior wetlands



Midland Painted Turtle



Blandings Turtle



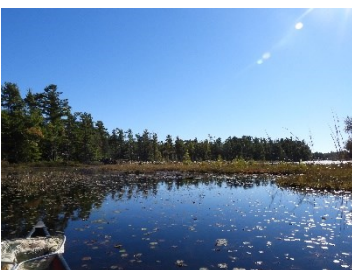
Sandhill Cranes



Northern Map Turtles



Whip-poor-will nest



Coastal Marsh



One of many coastal marshes



Foxsnake



Five-lined skink



Spotted Turtle (END)



Coastal Marsh



One of many coastal marshes



Foxsnake (THR)



Five-lined skink (SC)



Mating Massasauga Rattlesnakes (THR)



Leatherleaf sphagnum Bog



Ribbon Snake (SC)



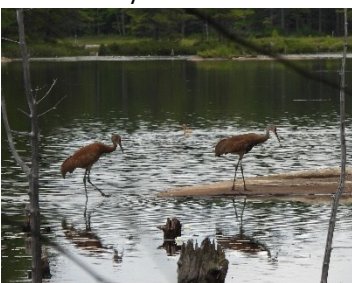
One of many Interior wetlands



Midland Painted Turtle (SSC)



Blandings Turtle (THR)



Sandhill Cranes



Northern Map Turtles (SC)



Whip-poor-will nest (THR)

Schedule “D”

Restrictions

Pursuant to the Conservation Agreement dated October 6th, 2023, the Property Owner hereby grants to GBLT the following covenants, easements and restrictions and the Property Owner hereby covenants and agrees with GBLT to abide by and comply with the said covenants, easements and restrictions, referred to herein collectively as the “Restrictions”. The parties covenant and agree that the Restrictions shall be annexed to and run with the Open Lands pursuant to the Act and GBLT shall have the benefit of the Restrictions for the Term.

1.0 In these Restrictions the following words and phrases shall have the following meanings:

- 1.1 **“Act”** means the *Conservation Land Act*, R.S.O. 1990 c C.28 as amended from time to time and any statute that may be enacted to modify or replace the same.
- 1.2 **“Agreement”** or **“Conservation Agreement”** means the agreement between the Property Owner and the GBLT dated October 6th, 2023.
- 1.3 **“Authorized Person”** means at any time during the Term any person who is:
 - (i) a director or officer of the Property Owner;
 - (ii) is, in accordance with the by-laws of the Property Owner, a member in good standing of the Property Owner;
 - (iii) a person related to a member in good standing of the Property Owner;
 - (iv) a guest of a person described in clause (ii) or (iii) above including persons and members of their families who are at such time renting a residence at Go Home Bay from a member in good standing of the Property Owner; and
 - (v) any invitee of the Property Owner, including any contractor engaged by the Property Owner to perform work on the Open Lands.
- 1.4 **“Conservation Body”** means the conservation body as defined in the Act.
- 1.5 **“Easement”** means the easement described in Article 5 of the Agreement as the same may be registered on title to the Open Lands.
- 1.6 **“GBLT”** means The Georgian Bay Land Trust Foundation, Inc.
- 1.7 **“Good Forestry Practices”** means the proper maintenance of harvest, renewal and maintenance activities known to be appropriate for the forest and environmental conditions under which they are being applied and that minimize detriments to (i) significant ecosystems, (ii) wildlife habitat, and (iii) soil and water quality and quantity.
- 1.8 **“Madclub”** means The Madawaska Club of Go Home Bay.

- 1.9 **“Natural Values and Features”** means with respect to the Open Lands, the natural communities of stone, soil, water, plants and wildlife comprising, or living on, the Open Lands. For greater certainty, the Natural Values and Features of the Open Lands includes the wetland, interior lake and forest ecosystems constituting the habitat for wildlife, including the endangered, threatened and at-risk species (including Canada’s richest diversity of reptiles and amphibians), that are described in the Report and any amendments and updates thereto, as such community may evolve over time, with minimal interference by human activity.
- 1.10 **“Open Lands”** means the lands described in Schedule “A” attached hereto, excluding the Main Dock/Caretaker’s Site Excluded Property described in Schedule “B”.
- 1.11 **“Property Owner”** means the owner of the Open Lands, being as of the date hereof, the Madclub and, for greater certainty includes any person who at any time after registration of these Restrictions becomes the owners of any ownership interest in the Open Lands or any part thereof and including any beneficial interest therein.
- 1.12 **“Report”** means the Baseline Documentation Report describing the Open Lands and documenting the Natural Values and Features and current uses of the Open Lands, attached as, or referenced in, Schedule “C” to the Agreement.
- 1.13 **“Restrictions”** means these covenants, easements and restrictions set out in Article 3.0 below, subject to (i) the qualifications and exceptions set forth in Article 4.0 below and (ii) the right of the Property Owner to carry on the Permitted Activities set forth in Article 5.0 below.
- 1.14 **“Temporary Structure”** means a structure without any foundation, footing or permanent roof (e.g. tent, platform, or event stage) which will be in place for its short-term purpose and be removed reasonably promptly after its active use.
- 1.15 **“Term”** means the term of the Agreement and these Restrictions being from and including the date of the Agreement to the 999th anniversary of the date of the Agreement.

Other capitalized terms used in these Restrictions that are defined in the Agreement shall have the respective meanings ascribed to them in the Agreement.

2.0 Headings:

The headings in this Schedule of Restrictions and Exceptions form no part of the Agreement, the Restrictions or the Exceptions, but shall be deemed to be inserted for convenience of reference only.

3.0 Restrictions

Subject to the qualifications and exceptions set forth in Section 4.0 of this Schedule and the activities expressly permitted in Section 5.0 of this Schedule, the Property Owner shall comply with the following Restrictions:

- 3.1 **Building and Development:** No building, trailer, structure, wind turbines or energy generation facility shall be constructed, placed, erected or maintained in or on the Open Lands.
- 3.2 **Camping:** The Open Lands shall not be used as a commercial camping area, a trailer or mobile home park or for the parking, storage or use of any camper trailers, vehicles, boats, trailers or storage containers. In addition, no mobile home or trailer or other form of shelter shall be placed, kept, parked, stored or permitted or suffered to be placed, kept, parked or stored on the Open Lands or used as a residence or for overnight or short-term accommodation on the Open Lands.
- 3.3 **Dumping:** No contaminated soil, rubbish, garbage, waste, or other unsightly, harmful, deleterious or offensive materials of any type or description shall be dumped or stored or permitted or suffered to be dumped or stored on, in, under or about the Open Lands.
- 3.4 **Hunting and Trapping:** The Property Owner shall not use or allow the Open Lands to be used for commercial hunting purposes. The Property Owner shall not use or allow the Open Lands to be used for trapping purposes.
- 3.5 **Alteration of Site and Topography:** No alteration shall be made or permitted or suffered to be made in the general topography or grade of the Open Lands. No fill of any kind shall be deposited upon the Open Lands.
- 3.6 **Conservation/Lakes/Ponds/Wetlands:** No interference with, or alteration of, any lake, pond, wetland, watercourse or any other body of water on the Open Lands shall be undertaken by the Property Owner, or permitted by the Property Owner, without the prior written consent of GBLT, which consent may be withheld by GBLT if in its opinion, acting reasonably, such interference or alteration would be inconsistent with the purpose of these Restrictions, that being to maintain the Natural Values and Features of the Open Lands.
- 3.7 **Non-native Species:** No plant or animal or other species that is not native to Ontario shall be planted or introduced in or to the Open Lands. Invasive and non-native species may be removed by the Property Owner.
- 3.8 **Pesticides/Herbicides:** No pesticide, insecticide, herbicide, chemical or other toxic hazardous or regulated material of any type or description shall be used or permitted or suffered to be used or permitted on the Open Lands, save and except for use as approved and applied in accordance with a Ministry of Natural Resources and Forestry approved management plan.
- 3.9 **Roads/Parking Areas:** No roads or parking areas shall be constructed or maintained on or over the Open Lands.
- 3.10 **Trees/Vegetation & Forest Management:** The Property Owner shall not permit the logging or commercial harvesting of trees or other vegetation located on the Open Lands. This restriction shall not prohibit the removal of any trees or other vegetation (i) in accordance with Good Forestry Practices, (ii) in order to remove hazards to

human safety, (iii) as necessary for the construction or maintenance of paths or trails which the Property Owner is permitted to construct and maintain on the Open Lands, or (iv) as necessary or desirable in order for the Property Owner to comply with the requirements of any managed forest plan currently existing, or any replacement thereof, prepared by or on its behalf in connection with the managed forest tax incentive program now or hereafter in effect in the Province of Ontario.

- 3.11 **Collection:** No native or naturally occurring plant or animal species shall be gathered or removed from the Open Lands except as permitted in 3.10, 4.2 and 5.4 of this Schedule "D".
- 3.12 **Sale:** The Property Owner shall not sell, convey, mortgage, charge, lease or otherwise dispose of the Property without first providing GBLT with not less than 30 days' written notice of its intention to do so. The Property Owner acknowledges that the provisions of this Agreement run with title to the Open Lands and the Property Owner shall not transfer or convey any, or permit any mortgagee to transfer or convey any interest in the Open Lands without requiring the Person acquiring such interest in the Open Lands to acknowledge in writing (by acknowledgement addressed and delivered to GBLT) the existence and first ranking priority of this Agreement and the interest of GBLT thereunder and will not lease or licence the Open Lands or any part thereof without such lease or licence being made expressly subject and subordinate to this Agreement. The Property Owner shall not take any steps or proceedings to subdivide the Open Lands or seek approval of any kind of plan of subdivision over the Open Lands or any of the parts thereof.
- 3.13 **Easements/Rights of Way:** No easement, right of way or right in the nature of an easement, lease, license or similar agreement in, on, over, under or through the Open Lands shall be granted to any person, without the prior written consent of GBLT and without the easement holder, lessee, licensee or transferee acknowledging in writing the priority of the Conservation Agreement and agreeing to be bound by its terms.

4.0 **Qualifications and Exceptions to Restrictions.** Notwithstanding the generality of the restrictions set forth in Section 3.0 of this Schedule, the following qualifications and exceptions shall apply to limit such restrictions:

- 4.1 **Building and Development.** The Property Owner shall be entitled to construct Temporary Structures from time to time on the Open Lands in locations which will not materially adversely impair or destroy the Natural Values and Features of the Open Lands, subject to the following additional restrictions or limitations:
- (a) each Temporary Structure may not exceed 450 square feet in gross floor area; and
 - (b) the Temporary Structure is used solely to further scientific or research studies or educational activities on or related to the Open Lands or for social activities of the Property Owner.

Prior to construction of any Temporary Structure on the Open Lands, the Property Owner shall consult with the Conservation Body regarding the proposed Temporary Structure to be constructed. The Property Owner and the Conservation Body shall, in good faith and consistent with the Conservation Intent of the Agreement, agree upon the location, size and purpose of such Temporary Structure prior to construction by the Property Owner. Any Temporary Structure that is constructed by the Property Owner shall be removed upon completion of such studies or research or following the end of the social activity. The Property Owner shall not construct any Temporary Structure on the Open Lands that has not been approved by the Conservation Body in accordance with this Section 4.1.

- 4.2 **Paths, Trails and Boardwalks.** The Property Owner shall be entitled to construct and maintain paths, trails and wooden boardwalks throughout the Open Lands. Such paths, trails and boardwalks shall not exceed one metre in width. In conjunction with paths, trails or boardwalks, the Property Owner may construct benches and resting stations that do not materially interfere with the Natural Values and Features of the Open Lands. The purpose of such paths, trails and boardwalks shall be to enable Authorized Persons to engage in the Permitted Activities without materially adversely impacting the Natural Values and Features of the Open Lands. Any path or trail created by the Property Owner shall not consist of a hardened surface (other than naturally occurring stone or rocks) and shall not be created using any non-natural material (such as gravel, cinder or wood chips).
- 4.3 **Floating Docks.** The Property Owner may affix floating docks to the Open Lands at any location on the shoreline of the Open Lands as permitted in compliance with municipal zoning at such time. The purpose of such docks shall be to enable Authorized Persons to access and engage in the Permitted Activities on the Open Lands.
- 4.4 **Utility Access.** The Property Owner may grant easements, rights of way, leases, licences or other similar agreements of any kind whatsoever on, over or affecting the Open Lands to utilities or other entities for power and utility lines or towers or other similar structures providing phone, internet, hydro or other similar services to the Property Owner, its members and the Go Home Bay community, including to or for the benefit of any private properties adjacent or proximate to the Open Lands. Pursuant to such utility easements, rights of way, leases, licences and other similar agreements, the Property Owner shall be entitled to permit such utilities or their authorized persons all reasonable access to the Open Lands to enable such utilities to maintain their power and utility lines, towers or other similar structures so as to be able to continue to provide their services pursuant to the rights granted to them.

5.0 **Permitted Activities.** The Property Owner and its Authorized Persons shall not be restricted from conducting or engaging in, or permitting Authorized Persons from conducting or engaging in, any activity on the Open Lands that is not expressly restricted or prohibited by Article 3.0 above including the recreational, research and social activities listed below and any other recreational, research and social activities which are not inconsistent or incompatible with the

Restrictions or Conservation Intent, and which do not materially adversely impair or destroy the Natural Values and Features of the Open Lands. For greater certainty, the following recreational, research and social activities shall be permitted:

- 5.1 **Research Studies.** The Property Owner and its Authorized Persons shall be entitled to conduct scientific studies or research which is related to the Natural Values and Features of the Open Lands, including studies of tree and plant species located on the Open Lands, studies of birds, reptiles or animals living on the Open Lands or which use the Open Lands as part of their natural corridor.
- 5.2 **Recreation.** The Property Owner and its Authorized Persons shall be entitled to use the Open Lands for any recreational activities that are not destructive to the Natural Values and Features of the Open Lands, including walking, hiking, cross-country skiing, snowmobiling, frisbee golf, yoga and other exercise activities.
- 5.3 **Art.** The Property Owner and its Authorized Persons shall be entitled to access the Open Lands for photography, painting, sketching and other similar artistic activities.
- 5.4 **Sport Hunting and Fishing.** The Property Owner and its Authorized Persons shall be entitled to engage in non-commercial sport hunting and sport fishing on the Open Lands in compliance with applicable law and regulation and non-commercial sport fishing on the inland lakes located on the Open Lands.
- 5.5 **Social Gatherings.** The Property Owner and its Authorized Persons shall be entitled to organize and participate in social gatherings, including picnicking, on the Open Lands so long as such gatherings are not destructive to the Natural Values and Features of the Open Lands.
- 5.6 **Docks.** The Property Owner may affix floating docks to the Open Lands at any location on the shoreline of the Open Lands as permitted in compliance with municipal zoning at such time.

SCHEDULE "E"
PERMITTED ENCUMBRANCES

1. Privileges or liens imposed by law; privileges or liens for taxes, assessments or governmental charges or levies not at the time due or delinquent or the validity of which is being contested at the time by the Property Owner in good faith in proceedings before a court or governmental body; and undetermined or inchoate privileges or liens and charges incidental to current operations which have not at such time been filed pursuant to law against the Property Owner or which relate to obligations not due or delinquent.
2. Encumbrances (excluding mortgages, charges, and liens), including without limitation, servitudes, encroachments, easements, rights-of-way, or other similar rights in land granted to or reserved by other persons, rights-of-way for sewers, electric lines, telegraphs and telephone lines and other similar purposes or zoning or other restrictions as to the use of the rights-of-way and other similar rights and restrictions.
3. Subsisting reservations, limitations, provisos, conditions, or exceptions contained in any grants of the Open Lands or any portion thereof or interest therein from the Crown.
4. Instrument Number DM60329 being an Order registered August 30th, 1967 designating an area of subdivision control.
5. Instrument Number LT225254 being a Transfer of Easement registered February 12th, 2002 in favour of Hydro One Networks Inc.
6. Instrument Number LT126089 being a Transfer of Easement registered November 28th, 1985 in favour of Bell Canada.