

We are committed to providing <u>accessible customer service</u>. If you need accessible formats or communications supports, please <u>contact us</u>.

Nous tenons à améliorer <u>l'accessibilité des services à la clientèle</u>. Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez <u>nous contacter</u>. Environmental Baseline Study (EBS) Update Work Performed on Claim Nos. 140706, 242100, 229938, 129222, 288534, 296627, 296626, 336902, 296628 & 129223 (East Gabbro Project) Part Lots 9, 10, & 11, Concessions 3, 4 & 5 (Methuen) Township of Havelock-Belmont-Methuen County of Peterborough

#### **Prepared For:**

Mr. Matt Anderson Trigan Resources Inc. c/o Oakridge Golf Course General Delivery Ashburn, Ontario L9L 2A7 Project #: 21-3004

Oakridge Environmental Ltd. Environmental and Hydrogeological Services

January 2022



January 7, 2022

Trigan Resources Inc. c/o Oakridge Golf Course General Delivery Ashburn, Ontario L9L 2A7

## Attention: Mr. Matt Anderson

Re: Environmental Baseline Study (EBS) Update Work Performed on Claim Nos. 140706, 242100, 229938, 129222, 288534, 296627, 296626, 336902, 296628 & 129223 (East Gabbro Project) Part Lots 9, 10 & 11, Concessions 3, 4 & 5 (Methuen) Township of Havelock-Belmont-Methuen, County of Peterborough ORE File No. 21-3004

Dear Mr. Anderson:

Oakridge Environmental Ltd. is pleased to present this Environmental Baseline Study (EBS) Update covering conditions on the above referenced mining claims. This report is intended to be submitted as part of the annual assessment requirements and builds upon previous submissions for the claim group.

Our report presents information pertaining to the natural environment features located within the claims and provides general recommendations with respect to future investigations and constraints that may affect mining activities. As such, the information provided herein should be considered in association with any future development plans for the site.

Should you have any questions, please contact our office at any time.

Yours truly, Oakridge Environmental Limited

Colo Vater

Rob West, HBSc. CSEB Senior Environmental Scientist

# **Table of Contents**

#### <u>Page No.</u>

1.0	Introd 1.1 1.2	uction       1         General       1         Site Description and Access       2
2.0	Scope	of Work
3.0	Previo	us Work
4.0	Physic 4.1	al Setting
	4.2	Geological Setting
5.0		ation Resources
	5.1	Ontario Breeding Bird Atlas
	5.2	Natural Heritage Information Centre (NHIC)    7
	5.3	eBird
	5.4	iNaturalist Database
	5.5	Land Information Ontario (LIO) Database
	5.6	Ontario Flow Assessment Tool (OFAT) 10
6.0	Bio-ph	ysical Findings
	6.1	Field Methodologies
		6.1.1 General
		6.1.2 Vegetation
		6.1.3 Wetland Delineation 12
		6.1.4 Bat Surveys
	6.2	Acoustic Survey Methodology 16
		6.2.1 Data Aquisition
		6.2.2 Data Analysis
	6.3	Wildlife Assessment / SAR Presence    20
		6.3.1 Bats
		6.3.2 Other Mammals
		6.3.3 Herptiles
		6.3.4 Fish and Mussel Habitat
		6.3.5 Vascular Plants and Lichens
		6.3.6 Avifauna
7.0	Conclu	sions & Recommendations

Statement of Qualifications Selected References

#### <u>Figures</u>

Appendices

Figure 1	General Location	Appendix A	OBBA Data
Figure 2	Claim Map		Species Descriptions
Figure 3	Topography and Drainage	Appendix C	NHIC Data
Figure 4	Digital Elevation Model	Appendix D	eBird Data
Figure 5	Bedrock Geology	Appendix E	iNaturalist Data
Figure 6	Surficial Geology	Appendix F	Ecological Land Classification (ELC)
Figure 7	Ontario Flow Assessment Tool (OFAT)		Descriptions
_	Watershed Mapping	Appendix G	Bat Detector Summary
Figure 8	Vegetation Communities	Appendix H	Species List
Figure 9	Site Photos		-

# Environmental Baseline Study (EBS) Update Work Performed on Claim Nos. 140706, 242100, 229938, 129222, 288534, 296627, 296626, 336902, 296628 & 129223 (East Gabbro Project) Part of Lots 9, 10 & 11, Concessions 3, 4 & 5 (Methuen) Township of Havelock-Belmont-Methuen County of Peterborough

## **1.0 Introduction**

## 1.1 General

Oakridge Environmental Ltd. is pleased to present this Environmental Baseline Study (EBS) Update. This report includes field and desk-top work completed to update mapping and background information resources for Legacy Claim No. 1240157, that was completed as part of an original Environmental Baseline Study referenced below:

Environmental Baseline Study (EBS), Claim No. 1240157 (East Gabbro Project), Lot 10, Concession 4, (Methuen), Township of Havelock-Belmont-Methuen, County of Peterborough

The legacy claim was converted to Claim Unit Nos. 140706, 242100, 229938, 129222, 288534, 296627, 296626, 336902, 296628 and 129223. The claim group is herein collectively known as the "East Gabbro" claim group.

As the claim group now encompasses additional lands, this report provides an update to the mapping resources and background information provided in the 2016 EBS. In addition, an acoustic survey/inspection, representing new assessment work, was completed within Claim No 242100 to identify potential Species at Risk (SAR) bats and/or Significant Wildlife Habitat (SWH) associated with bat species.

The Claims are situated in the Township of Havelock-Belmont-Methuen (Methuen), County of Peterborough (Figure 1) and are held by:

> Trigan Resources Inc. 35 Lauren Rd Port Perry, ON, L9L 2A7 Attn. Mr. Matt Anderson

It is intended that this EBS update be submitted for assessment purposes.

Trigan Resources Inc. owns a large block of Mining Claims in the former Methuen Township within which the subject claims are centrally located, as illustrated by Figure 2. The claim group covers a large body of metagabbro and related rocks that are under exploration for several target commodities.

The objective of this EBS is to define the base environmental conditions within the subject

Claims and assess which areas, if any, contain sensitive ecological features. Ultimately, any future development of the Claims will need to accommodate these environmental features. This EBS update includes:

- additional background resources that were not available in 2016;
- new queries of previously searched databases;
- an update to the previously provided preliminary vegetation mapping;
- an update to the assessment of associated hydrological features, and
- a newly completed acoustic (bat) analysis for determining potential SWH and/or the presence of SAR.

Similar to the above-referenced 2016 report, this study also attempts to identify data gaps and to provide recommendations to guide more detailed, future studies (especially of the more "sensitive" areas).

The work outlined herein was completed by the following individuals:

Mr. Rob West, Senior Environmental Scientist, Peterborough, Ontario,

assisted by,

Mr. Darryl Mitchell, Environmental Technician, Peterborough, Ontario.

#### **1.2** Site Description and Access

The East Gabbro claim group consists of 10 units, covering a total area of approximately 229.7 ha (567.7 acres). This represents a substantial increase over the legacy claim area (No. 242100), which comprised 85.4 ha (211.6 acres). The locations of the current claim group and the legacy claim are illustrated on Figure 2.

To access the site from Peterborough, at Highway 115, continue eastward to the intersection of Highway 115 and Highway 7 (Figure 1). Proceed onto Highway 7 eastward to the intersection of County Road 46, in Havelock, Ontario. Follow County Road 46 (northbound) approximately 26.7 km to Fire Route 68. Fire Route 68 continues to the west, through Claim Nos. 29938 and 242100, providing access to the claim group.

The majority of the claim group is located within a large expanse of Crown lands situated south of West Twin Lake, southeast of Blue Lake and east of Sams Lake (Figure 2).

Although the legacy claim had been located entirely within the general use Crown lands that comprised Lot 10, Concession 4 (Methuen), the claim group now encompasses several private parcels along the shore of West Twin Lake and within Lot 10, Concession 3 (Methuen). Public access to the Crown lands is gained via a series of All Terrain Vehicle (ATV) trails.

Wetlands, varying in size and composition, are scattered throughout the site among the undulating bedrock ridges, outcrops and subcrops. The upland areas of the site are dominated by relatively mature deciduous forest with an open airy forest floor and extensive canopy, representing potential maternity roosting habitat for most bat species in Ontario. The majority of the claim group remains untouched, with minimal tree harvesting. ATV trails and private development occur along the shore of West Twin Lake.

# 2.0 Scope of Work

In conducting this EBS, the following tasks have been completed:

- The GIS database for East Gabbro has been updated to incorporate the changes to the claim boundaries that occurred as a result of the conversion.
- Background data resources were compiled and reviewed to encompass the additional lands now covered by the claim group. This included updating information regarding several publicly available databases previously reported on in 2016 and new data from more recent resources, such as *e*Bird and iNaturalist.
- The Claims were attended for the purpose of conducting inspections for bat habitat. This included identifying potential hibernacula (i.e., over-winter) habitats for the purpose of deploying ultrasonic acoustic (i.e., bat) detection equipment. Locations were determined by utilizing a mapping-grade differential Global Positioning System (dGPS).
- Species at Risk (SAR) surveys were completed to identify individual species, with emphasis on potential SAR habitat. Surveys were conducted to identify potential habitat and presence of individuals. However, given the timing of the study, certain SAR (eg., avifauna) were undetectable due to migration and overwintering.
- The collected acoustic data were analysed with industry-specific software and manual vetting of the accumulated sound files.
- This report was prepared outlining our findings, conclusions and recommendations with respect to potential constraints and data gaps.

# 3.0 Previous Work

Previous work on the subject Claims has included geological mapping and an initial environmental baseline study. The geological mapping focussed on determination of the northern limits of the gabbro body and confirmation of the continuity of favourable gabbro south of the northern contact (Phipps, 2008).

The environmental baseline study (ORE, 2016) focussed on the legacy claim area, identifying key hydrological features (i.e. wetlands) and adjusting the boundaries of these features based on observations in the field. No Species at Risk (SAR) were observed during the initial environmental baseline inspections.

# 4.0 Physical Setting

## 4.1 Topography and Drainage

The site lies within Ecoregion 5E in the southern portion of the Canadian Shield. The site consists of typical Canadian Shield terrain, comprised of undulating bedrock outcrops and pockets of predominantly granular soils. Small vernal ponds/pools and isolated pocket wetlands occur between the elevated rock ridges.

The claim group is generally dominated by bedrock outcrop and subcrop ridges. Upland areas that contain overburden cover, tend to be comprised of sandy soils that promote infiltration. Most low-lying areas are dominated by wetlands, typically containing recent silty organic deposits and/or bedrock substrates that are less permeable, slowing infiltration.

Public topographic mapping suggests the maximum local relief within the survey area is somewhat subdued, at approximately 15 m with the average relief typically being <5 m (Figure 3). Imagery obtained through the South Central Ontario Orthophotography Project (SCOOP) suggests a similar range of variation from 264 masl at lake level to 280 masl (i.e., 16 m) in the southwestern-most portion of the claim group. When subjected to a contouring algorithm, the imagery provides many circular contours that appear to define bedrock outcrop and subcrop areas that are not otherwise shown on the published mapping (Figure 4).

As would be expected, the topography is essentially dominated by the bedrock structure. As the site occurs on the northern-most part of the gabbro body, the site generally slopes to the north-northwest, dictating the regional drainage pattern. Drainage is complex within the claim group, with surface flows split between Sams Lake to the west, West Twin Lake to the north and Oak Lake to the south. Available mapping indicates that outflow from Blue Lake (in the northwest of the claim group) flows into West Twin Lake, despite being located less than 200 m from a wetland associated with Sams Lake.

#### 4.2 Geological Setting

The claim group is situated within the southern part of the Canadian Shield, within the Grenville structural province. The bedrock in this area is dominated by two large metamorphosed anorthositic gabbro and dioritic bodies referred to locally as the "East and West Gabbros". The subject claim is situated largely within the "East Gabbro" body. Figure 5 presents a map of the regional bedrock features.

Bedrock exposures on the site are numerous, especially along the edge and in the middle of the water bodies within the claim group. These rocks are typically competent, non-porous, and exhibit fairly wide spacing of joint sets and fractures. Most outcrop surfaces are quite undulatory, although relatively smooth, presumably the result of glacial erosion.

As outlined by Phipps (2008), the claim group covers a portion of the northern part of the East Gabbro (Figure 5) where it is in contact with mainly gneissic arenaceous metasediments (paragneisses). The gabbro is typically a medium grained, grey, mesocratic rock consisting mainly of plagioclase with lesser amounts of mafic minerals (augite and/or hornblende). Near the surface, weathering of this rock imparts a pinkish hue to the plagioclase, misleadingly giving it the appearance of a more leucocratic acidic rock.

The contact between the gabbro and the country rock metasediments is diffuse. In the contact area, inclusions of metasediments become common and the gabbro is notably finer grained. Compositional differences in the gabbro, especially in the contact zone, are present due to contamination of the gabbroic magma by absorbed metasediments.

The northern contact of the East Gabbro was traced southwesterly from the northeast corner of the west half of the claim group. Gneissic metasediments with conformable granitic and gabbroic zones occur northwest of the contact, and gabbro occurs southeast of the contact. The majority of the claim group is underlain by gabbro with Claim Nos. 140706 and 129222 appearing to occur entirely north of the contact.

From the geological mapping (Figure 5), an interpreted fault line appears to bisect the gabbro body. However, there does not appear to be any horizontal offset in the gabbro body itself. As this feature is mapped to occur in Claim No. 336902 but outside the legacy claim, previous in-the-field observations/mapping are unavailable and could be a target for future geological investigations.

The surficial geology and physiography of the site area is dominated by areas of outcrop

and thin deposits of till and granular outwash (Figure 6). There are no significant granular landforms or valley type features of note in the area.

The site lies close to the northernmost boundary of the area inundated by glacial Lake Iroquois, as defined by Muller and Prest (1985). As such, a thin and discontinuous mantle of granular sediments is expected to be ubiquitous in the area.

The dominant surficial sediment type consists of oxidized, fine, silty sand and minor gravel deposits derived from ancient outwash or perhaps from a brief period of inundation and settling. The deeper troughs between ridges typically host wetland deposits consisting of peat and muck.

## 5.0 Information Resources

## 5.1 Ontario Breeding Bird Atlas

The Ontario Breeding Bird Atlas (OBBA) is an organization comprised mainly of volunteers who monitor birds across selected regions of Ontario. Birds are recorded to occur within defined 10 km<sup>2</sup> areas denoted as "regional squares". Two versions of the Atlas have been published, with the  $2^{nd}$  edition comprising the most recent data. A third version is currently in development.

Data from the OBBA are used as an indicator or tool to assist in identifying important species and/or habitats that may occur in the area of the subject site, prior to conducting site surveys. The atlas also helps to define the timing necessary for the bird surveys (e.g., morning or evening) and the season in which to detect them.

As the subject claims have expanded the assessment area from the legacy claim, the site now occurs within *two* 10 km<sup>2</sup> areas, mapped as 18TTQ64 and 18TTQ74, Region 16, Peterborough. The maps and summary sheets for this atlas area are provided in Appendix A.

From our review of the information, significant breeding species that could potentially be associated with habitats in the claim group, include the following:

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status*</u>
Common Nighthawk	Chordeiles minor	Special Concern Threatened
Eastern Whip-poor-will Black Tern	Antrostomus vociferus Chlidonias niger	Special Concern
Least Bittern Red-headed Woodpecker	Ixobrychus exilis Melanerpes erythrocephalus	Threatened Special Concern

Olive-sided Flycatcher	Contopus cooperi	Special Concern
Eastern Wood-Pewee	Contopus virens	Special Concern
Barn Swallow	Hirundo rustica	Threatened
Wood Thrush	Hylocichla mustelina	Special Concern
Evening Grosbeak	Coccothraustes vespertinus	Special Concern
Bobolink	Dolichonyx oryzivorus	Threatened
Eastern Meadowlark	Sturnella magna	Threatened
Golden-winged Warbler	Vermivora chrysoptera	Special Concern
Canada Warbler	Cardellina canadensis	Special Concern

\*Status according to Species at Risk Ontario (SARO). Status may differ from the federal Species at Risk Act (SARA) registry.

Brief descriptions of each of the listed species and associated preferred habitats are included in Appendix B. The site inspections included a review of potential SAR habitat and targeted searches for the listed species.

#### 5.2 Natural Heritage Information Centre (NHIC)

The NHIC is an online database managed by the Ministry of Northern Development, Mines, Natural Resources and Forestry (MNDMNRF). Within the database, Ontario has been divided into a grid consisting of a series of 1 km<sup>2</sup> areas or *regional squares*, each given a unique identifier (similar to the OBBA, described above). The squares can be searched for historical *Species at Risk* (SAR) occurrences, rare *Plant Communities* and for *Areas of Natural and Scientific Interest* (ANSI).

The current study area within the subject claims spans multiple NHIC squares (Appendix C). The NHIC squares include: 18TQ6947, 18TQ6946, 18TQ6945, 18TQ7047, 18TQ7046, 18TQ7045, 18TQ7147, 18TQ7146 and 18TQ7145. The extent of the NHIC search and a summary sheet have been included in Appendix C.

Based on our review, the following natural areas were determined to be located within the 1 km squares:

- Wildlife Concentration Area Colonial Waterbird Nesting Area
- Natural Area Oak Lake Wetland
- Wildlife Concentration Area Mixed Wader Nesting Colony

Several SAR occurrences were noted to include the following:

Page 7

Atlas I.D.	Common Name	Scientific Name	SARO Status
18TQ6947, 18TQ7047, 18TQ7046, 18TQ7147 and 18TQ7146	Wood Thrush	Hylocichla mustelina	Special Concern*
18 TQ7047	Common Nighthawk	Chordeiles minor	Special Concern
18TQ7047, 18TQ7147 and 18TQ7146	Western Chorus Frog - Great Lakes/St. Lawrence - Canadian Shield Population	Pseudacris maculata	Not at Risk*
18TQ7147	Common Five-lined Skink (Southern Canadian Shield)	Plestiodon fasciatus	Special Concern
18TQ7047	Snapping Turtle	Chelydra serpentina	Special Concern
18TQ7047, 18TQ714 and 18TQ7146,	Eastern Whip-poor-will	Antrostomus vociferus	Threatened
18TQ7147	<b>Restricted Species</b>		Threatened
18TQ7146 and 18TQ7145	Midland Painted Turtle	Chrysemys picta marginata	Not at Risk*
18TQ7146 and 18TQ7145	Eastern Ribbonsnake	Thamnophis sauritus	Special Concern
18TQ7146	Canada Warbler	Cardellina canadensis	Special Concern
18TQ7146 and 18TQ7145	Blanding's Turtle	Emydoidea blandingii	Threatened

\*listed SARA species.

Descriptions of each species listed and the habitats typically associated with each species above are presented in Appendix B. Targeted inspections for each of the listed species were not completed as part of this assessment. Prior to any detailed SAR inspections, as part of any future assessment work, local Ministry of the Environment, Conservation and Parks (MECP) staff should be contacted to determine the nature of the restricted species listed above, in addition to any other significant species that may be known to utilize the area.

#### 5.3 eBird

The eBird website consists of a database whereby citizen-science individuals provide site level birding data for locations known as "hot-spots". The bird species data are entered into the database and can be updated by individuals who consistently return to the site.

The nearest eBird hotspots occur approximately 6 km to the west, in an area referred to as the "Nephton Ridge". Due to the distance from the site, the data associated with this

hotspot is not expected to be overly relevant. Regardless, the species list from this location is presented in Appendix D.

#### 5.4 iNaturalist Database

ORE staff conducted a search of the iNaturalist website database to determine if this database has any significant species occurrences in the vicinity of the current study area.

The database query revealed the following records:

- Snapping Turtle, reported approximately 1 km southeast of the study area on May 16, 2018.
- Common Nighthawk, reported approximately 500 m north of the study area on June 25, 2017.
- Common Five-lined Skink, reported approximately 1.7 km southeast of the study area on July 4, 2017.
- Blandings Turtle, reported approximately 2.5 km to the east of the study area on August 29, 2018 and approximately 1.7 km to the southwest of the study area on April 15, 2010.

A map of the search area and list of species are included in Appendix E. General species descriptions are included in Appendix B.

## 5.5 Land Information Ontario (LIO) Database

The MNDMNRF's Land Information Ontario (LIO) database was referenced to provide background information on the site. LIO data provide geographic information on Ontario's road network, wetlands, water bodies, wooded areas, parks, and protected areas, among other features. A summary of LIO data available for the features within the subject property is presented below.

The LIO database recognizes seventy-one (71) Unevaluated Wetlands that occur fully or partially within the claim group (Figure 3)<sup>1</sup>. This is a substantial increase over the thirty-two (32) identified to be contained within the legacy claim in our 2016 report. The

1

Only a portion of some larger wetlands may fall inside the study area. Thirteen (13) wetland segments are included in the study area, although some segments belong to the same hydrologic feature.

wetlands are designated as "Swamp", "Marsh" and "Unknown". These features have a combined total area of 85.2 ha, equivalent to approximately 37% of the total study area. Wetlands completely within the study area are identified by LIO to range from 0.1 ha to 15 ha in area. LIO data suggest there is a Provincially Significant Wetland (PSW) located proximal to the claim group, referred to as the Oak Lake Wetland, located approximately 500 m south. A headwater area of an unnamed watercourse that flows into the wetland is also mapped to occur immediately south of the claim group.

Five (5) woodland tracts (polygons) were identified within the claim group, measuring 127.3 ha in total (55% of the total area). The woodlands on-site are classified by the MNDMNRF as *Non-sensitive*.

The LIO mapping suggests the claim group contains 22.3 ha of open water communities with some open water occurring within the wetlands described above. The open water communities also contain portions of Sams Lake, Blue Lake and West Twin Lake.

A total of eighteen (18) building symbols occur within the claim group, mostly representing development along the shoreline of West Twin Lake. The building symbols within the LIO data set represent residences and outbuildings (e.g., garages, sheds, farm structures, etc).

The Ontario Land Cover Compilation (v. 2) indicates the study area is comprised of 23.8% coniferous forest, 23.8% mixed forest, 16.1% marsh, 12.1% deciduous forest, 10.9% swamp, 7.2% clear open water, 2.8% undifferentiated rural (open) land, 2.3% sparsely forested land, 0.5% treed upland and 0.5% community/infrastructure.

Although site inspections within the legacy claim were completed to verify the information provided by LIO at that time, updates to that field mapping (to confirm the above) could be addressed through future assessment work.

## 5.6 Ontario Flow Assessment Tool (OFAT)

The Ontario Flow Assessment Tool (OFAT) is an online tool developed by the MNDMNRF to assist in the flow evaluation of Ontario watersheds. OFAT uses data from the LIO database to interpret watershed characteristics. The tool can be used to develop a map of watersheds, characterize the watershed's physical characteristics, and to estimate average stream flows.

From the data provided by the OFAT, assumptions can be made for drainage patterns and stream flow direction. Figure 7 shows the general drainage patterns and the three (3) local subwatersheds (within the Trent-Crowe tertiary watershed) in which the current study area occurs. A brief discussion of each subwatershed is presented below.

The OFAT data suggest that surface water flows are split between subwatersheds for Sams Lake to the west, West Twin Lake to the north and Oak Lake to the south. Sams Lake outlets to the southwest and the flows eventually enter Kasshabog Lake. West Twin Lake flows out to the east, with flows eventually directed through Otter Creek and into Belmont Lake. Although the claim group is far removed from the shores of Oak Lake, many small tributaries and unevaluated wetlands occur within the claim group that eventually flow into the Oak Lake Provincially Significant Wetland and then into Oak Lake, approximately 2.2 km south of the claim group.

# 6.0 Bio-physical Findings

## 6.1 Field Methodologies

#### 6.1.1 General

For this study, ORE staff conducted site inspections on the following dates:

Date of Inspection	Survey Time	<u>Temp. <sup>o</sup>C</u>	Beaufort (Wind) Scale	<u>Conditions</u>
October 28, 2021	10 AM to 5 PM	10	1 - Light Air	Variable cloud cover, no precipitation
October 31, 2021	1 PM to 5 PM	8	5 - Fresh Breeze	100% cloud cover, light drizzle

The above inspections were conducted to identify potential hibernacula (over-winter) habitat for bats within the claim group and to deploy acoustic (bat) detectors. Although not the focus, a cursory inspection of flora and fauna was also completed. The locations of notable features were determined using a mapping-grade differential GPS system.

As the inspections took place out of the typical breeding bird/growing season, any future assessments of vegetation and/or Species at Risk (SAR) should be completed as per the MNDMNRF protocols during the optimum time periods.

#### 6.1.2 Vegetation

A preliminary characterization of the various vegetation communities was completed as part of the 2016 assessment work on the legacy claim, generally based on the methodologies included in the *Ecological Land Classification (ELC)* - *First Approximation and It's Applications* (1998) as part of a preliminary mapping exercise. The classification of each vegetation community was determined in accordance with the draft catalogue

issued in 2008 (which provides more vegetation community classifications than the 1998 version). The draft 2008 guide also provides the classification coding included in the 1998 ELC manual for cross-reference purposes. Typically, the 1998 First Approximation is supposed to be used and the 2008 draft version used only to supplement the 1998 classifications. However, the majority of consultants appear to be utilizing the draft 2008 classifications for consistency.

The vegetation mapping provided in 2016 has been updated to illustrate the current claim group (Figure 8). This mapping was utilized to aid in determining ideal bat habitats within the study area that could be targeted for detailed (e.g., acoustic) surveys.

Descriptions of the communities have been included in Appendix F. Although some of the communities were re-examined as part of the current work, the descriptions have not changed from the 2016 assessment work. Additional assessments could focus on further expanding the vegetation mapping beyond the limit of the legacy claim.

#### 6.1.3 Wetland Delineation

As part of the 2016 assessment work, the on-site wetlands were identified and delineated using criteria from the Ontario Ministry of Natural Resources and Forestry's (OMNRF) Ontario Wetland Evaluation System (OWES), 2013 3<sup>rd</sup> Edition. The OWES provides protocols for evaluators to delineate wetland boundaries, determine vegetation communities, determine locations for seeps and springs, and ascertain drainage patterns.

The classification and delineation of wetlands must include consideration of various factors:

- Area of ground covered by vegetation;
- Proportion of hydrophytic vegetation (determined using the 50/50 Upland to Wetland Vegetation Rule);
- Presence of hydric mineral and organic substrates (determined using the protocols from the Ontario Ecological Land Classification, 1998), and
- Topography.

Although the boundaries of the wetlands within the legacy claim were confirmed and/or adjusted based on current field observations (Figure 8), ORE staff did not fully evaluate the wetlands according to the OWES. Rather, the boundaries were simply adjusted based on the general wetland vegetation types present.

#### 6.1.4 Bat Surveys

The Ministry of the Environment, Conservation and Parks (MECP) currently lists three (3) myotis and one (1) perimyotis species of bat as Endangered. The SAR bats are listed below:

<u>Common Name</u>	<u>Scientific Name</u>
Eastern Small-Footed Myotis	Myotis leibii
Little Brown Myotis	Myotis lucifugus
Northern Myotis	Myotis septentrionalis
Tri-coloured Bat	Perimyotis subflavus

A recovery strategy was established by the province for Eastern Small-Footed Myotis in 2017 and followed with a recovery strategy for Little Brown Myotis, Northern Myotis and Tri-coloured Bat in 2019. These recovery strategies are generally in line with federal strategies adopted in 2015. Prior to the recovery strategies, detailed studies regarding bat populations were often isolated to wind power projects through the use of the <u>Bat and Bat</u> <u>Habitats: Guidelines for Wind Power Projects</u> (MNDMNRF, 2011) and general considerations for habitat were considered in reference to the <u>Significant Wildlife Habitat</u> <u>Technical Guide</u> (OMNR, 2000). Regional guidance on inspections for proposed developments (e.g., Guelph District) are also available.

For the purpose of this study, the provincial/federal framework outlined above have been utilized in conjunction with evaluating specific Significant Wildlife Habitat (SWH) associated with bats. However, additional resources and inspection methodologies have also been incorporated based on current best management practices.

The primary habitats for bats are divided into the following subcategories:

#### Maternity and Roosting Habitat

Habitats for roosting males and for rearing and raising young can vary but often include non-natural habitat such as attics or disused chimneys. The natural habitat often consists of rock crevices and cavities/crevices in trees. Determining suitable maternity habitat often requires both a vegetation survey (discussed below) and a survey of trees that contain suitable cavities/crevices (i.e., referred to as "snags"). The bat snag surveys not only identify the prevalence of snags but describe the quality of the snag, with mature hardwood trees representing better quality habitat. This type of survey needs to be completed during leaf-off conditions. As the field surveys were completed in late September/early October, bat snag surveys were not completed as part of this assessment. However, areas with an obvious abundance of snags were noted and select areas were targeted for acoustic surveys (discussed below).

## Foraging Habitat

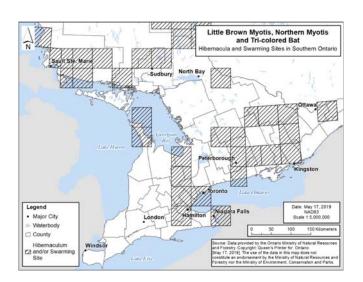
The foraging habitats of different bat species vary according to a number of different factors. Little Brown Myotis may forage nocturnally on insects and spiders in predominantly open habitats, Northern Myotis tend to feed within forested habitats and Tri-coloured Bats tend to forage in forested riparian areas. The Eastern Small-Footed Myotis foraging habitat is less defined and the species has been observed through multiple studies using all the habitats outlined above. Specific methodology for examining foraging habitats include direct observations and captures. While surveys specific to foraging habitat were not included in this study, acoustic detector data may observe certain species of bats using the same areas and/or travel corridors for foraging over multiple survey nights.

#### Hibernacula

Overwintering habitats (hibernacula) for hibernating bat species generally consists of underground openings, including caves, abandoned mines, wells and tunnels. The locations of these habitats generally maintain a temperature of between  $2^{\circ}C$  and  $10^{\circ}C^2$ , with a relative humidity of less than 80% (Cryan et al. 2010). During this period, the bats enter a torpor state, relying on fat reserves for survival. Natural hibernacula habitat is described by Significant Wildlife Habitat Technical Guide (SWHTG) as being mostly consistent with karst topography, where natural cave formations can extend deep below the surface. However, the structural features and bedrock outcrops of the claim group also provide opportunities for bats to hibernate deep within fractured granites and metasediments that dominate the study area. Talus slopes also provide opportunities for bats to find adequate conditions.

<sup>2</sup> 

Fenton 1970, Anderson and Robert 1971 and Vanderwolf et al 2012



According to the recovery strategy for Ontario, hibernacula habitat has been confirmed in the general area of the claim group, as provided by the above graphic/map.

Confirming the presence/absence of hibernacula within the subject claim group will be necessary to determine whether future extraction activities have a potential to affect SAR bat habitat. However, identification of suitable hibernacula can be difficult, as the number of openings, cave size/length, and angle of chambers can influence the stability and levels of humidity and temperature that bats find suitable (Davis 1970, Raesly and Gates 1987).

The MNDMNRF Bat Survey Protocol first published in the <u>Bat and Bat Habitats:</u> <u>Guidelines for Wind Power Projects</u> (MNR, 2011), provides criteria for surveying hibernacula habitats:

- The area around the potential hibernacula should be thoroughly searched to identify multiple entrances.
- Acoustic monitoring stations should be positioned at each entrance, within 10 m of the opening of the cave/abandoned mine.
- If one entrance is found to have evidence of bats then the other entrances need not be monitored if they are part of the same structure.

Although the guide provides that hibernacula surveys should be conducted from August 1 to August 30, changes in weather patterns and seasonal variations can

Page 15

affect activity levels. The guide does provide the ideal weather conditions for these surveys to be on warm/mild nights with an "ambient temperature above  $10^{\circ}C$  with low winds (< 6 m/s) and no precipitation".

The U.S. National Park Service (NPS) also provides that bats will often enter torpor for just a few hours on a cold day, or can remain in topor for up to a month while hibernating. Even during periods of hibernation, bats will interrupt torpor for brief periods of arousal when their body temperatures return to normal.

Although acoustic surveys (described below) were conducted outside the recommended survey period (August  $1^{st}$  to  $30^{th}$ ), the surveys conducted from October  $28^{th}$ , 2021 to October  $31^{st}$ , 2021 were completed when daytime highs were consistently around  $10^{\circ}$ C. As a result, it is anticipated that bats seeking to hibernate would not have been completely inactive and would continue to leave the hibernacula to forage/mate or seek out new habitat.

#### Swarming Habitat

Swarming habitat refers to the congregation of bat species in a particular area, typically for the purpose of mating. This often includes hibernacula, as the bats search out mates in the autumn. Acoustic surveys and visual inspections are utilized to confirm presence/absence of swarming habitat. Surveys completed for roosting and hibernacula habitat should also have consideration for swarming populations.

As outlined above, bat hibernacula and swarming habitats were surveyed within the study area using acoustic surveying methods. A description of the acoustic survey techniques is provided below.

## 6.2 Acoustic Survey Methodology

#### 6.2.1 Data Aquisition

As physical observations of bats can be difficult and can actually harm bats by arousing them from torpor, forcing them to utilize much needed fat reserves to over-winter, researchers have had to employ alternate methods. The most effective of these methods has been to isolate the bat's echolocation calls. As bats utilize high frequency echolocation calls typically out of the range of human hearing, ultrasonic sound detector equipment is needed to record these calls and either display the sound wave pattern visually or convert the frequency of the call such that it is within the audible range for a human. Schnitzler and Kalko (2001) provides a comprehensive view of echolocation calls utilized by bats:

"Bats use a wide variety of species-specific signal types differing in frequency structure, duration, and sound pressure level (SPL). In addition, signal structure varies depending on the echolocation task confronting the bat. Search signals that are emitted when bats search for prey differ from approach signals that are emitted when they approach prey."

There are various methods and technologies to record and interpret the echolocation calls from bats. The MNDMNRF (2011) provides the following guidelines for the deployment of acoustic detectors to evaluate potential hibernacula:

- "• Acoustic monitoring should use modern broadband bat detectors (these may be automated systems in conjunction with computer software analysis packages or manual devices) with condenser microphones.
- Acoustic monitoring systems should allow the observer to determine the signal to noise ratio of the recorded signals (e.g. from oscillograms or time-amplitude displays). These systems provide information about signal strength and increase the quality and accuracy of the data being analysed. Zero-crossing acoustic detectors do not provide this information.
- Microphones should be positioned to maximize bat detection (e.g. microphone(s) situated away from nearby obstacles to allow for maximum range of detection, microphone(s) angled slightly away from the prevailing wind to minimize wind noise).
- It is recommended that the same brand and/or model acoustic recording system be used throughout the survey (if multiple devices are required), as the type of system may influence detection range/efficiency. If different systems must be used, this variation should be quantified.
- Information on the equipment used should be recorded, including information on all adjustable settings (e.g. gain level), the position of the microphones, dates and times by station when recording was conducted.
- Acoustic survey data should be analysed to identify species whenever possible. Unidentified species should also be included in analysis and reporting."

The United States Geological Survey (USGS) provides more detailed guidance with regards to the brand and settings of the detector equipment utilized in an attempt to standardize acoustic data collected as part of the North American Bat Monitoring Program ("NABat"). As a result, acoustic surveys completed for this study were conducted utilizing Titley Scientific Anabat Swift detectors with the following USGS recommended settings for stationary point surveys:

Page 18
---------

Table 1: USGS Anabat Swift Settings		
	Sensitivity	15
÷.	Minimum Event	1ms
Trigger	Record Window	2s
L L	Minimum Frequency	15kHz
	Maximum Frequency	120kHz
	Div Ratio	-
ي مو	FS/ZC	Full Spectrum (FS)
rdin	Sample Rate	320k
Recording	Analog Filter on/off	On
H	Max. File Time	15s (fixed)

Table 1: USGS Anabat Swift Settings

In addition to the above, the manufacturer also provides suggestions with regards to detector settings in order to maximize the number of recorded bats while minimizing the number of files that simply consist of noise or interference. NABat and the NPS also provide guidance with regards to bat detector deployments in terms of detector and microphone positioning, which are in line with the recommendation provided by the MNDMNRF guidance.

For the purpose of assessing the study area claims, two (2) anabat swift detectors were deployed within forested ecosites near bedrock outcrops that contained large cracks or crevices. The detectors were deployed for three (3) nights, from October 28<sup>th</sup> to October 31<sup>st</sup>, 2021. The locations of the detectors are illustrated on Figure 8. Photos of the deployment areas and habitats are included on Figure 9.

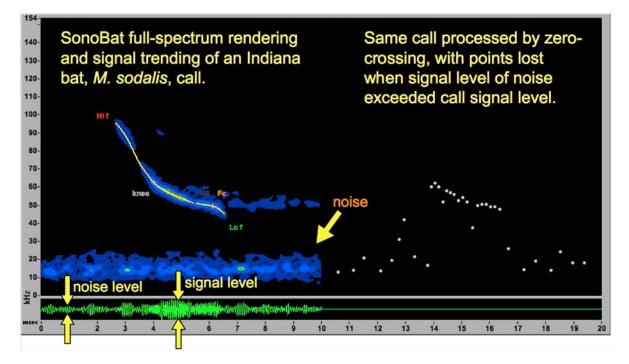
#### 6.2.2 Data Analysis

The components of a bat echolocation call can be quite complex. Fortunately, research in this area has accumulated a sufficient database of reference calls to enable species identification from visually analysing sound files or simply converting the ultrasonic sound waves into an audible range for humans that can be listened to and compared to the reference calls for that species. Programs specifically made to analyse the frequency, duration, shape and amplitude of echolocation calls typically provide a visual representation of the call utilizing a plot of frequency versus time. More advanced programs, will utilize different components of a call and compare the measured values to known ranges for a specific species. An algorithm will then be utilized to determine the probability that the call originated from a specific species. Should the confidence level of the algorithm be satisfied, the program will automatically assign the sound file to that

species for a quick and easy way to inventory bats.

For this study, the bat detectors (described above) were collected on October 31, 2021 and the sound files were subsequently downloaded for follow-up detailed analyses ("post-processing") utilizing SonoBat 4.4.1 North America. The SonoBat software renders high resolution "sonograms" of each call pulse to support the SonoBat intelligent call trending algorithm that utilizes classifiers to assign a species to a specific call based on several key components of an echolocation call.

Humboldt State University Bat Lab (2011) provides a general overview of the characteristics utilized by the SonoBat program to identify particular species of bat and can be used as a quick reference to visually identify good quality calls from the sonogram. These key characteristics include lowest apparent frequency (lo *f*), highest apparent frequency (hi *f*), characteristic frequency ( $f_c$ ), frequency with the greatest power ( $f_{maxE}$ ), call duration (dur), the slope of the upper portion or onset of call from the hi *f* to the knee (uppr slp), the slope of the lower portion or body of the call from the knee to the  $f_c$ , slope at the characteristic frequency (slp @  $f_c$ ) and the total slope (total slp). A general description of the shape of the sonogram is also provided. An example sonogram output from SonoBat is provided below:



From the two (2) detectors deployed within the study area, a total of 1,116 sound files were generated for analysis. None of the sound files contained any discernable bat calls. Some files exhibited signal interference (due to ambient noise in the recorded frequency range). Signal interference is common in urban settings but less common in remote settings, such as the study area. The source of the signal interference is unknown but the

sensitivity of the microphones make them susceptible to other distant sources of high frequency (i.e., over 15 kHz) and ultrasonic (over 20 kHz) "noise". That interference typically consists of relatively low amplitude (i.e., power) noise and does not resemble a call (as illustrated above).

A summary of the bat detector data is provided in Appendix G.

#### 6.3 Wildlife Assessment / SAR Presence

#### 6.3.1 Bats

Although the bat detectors described above did not detect any bats over the survey period, the data simply suggest hibernacula do not exist in proximity to these locations. The Significant Wildlife Habitat Mitigation Support Tool (SWHMiST) defines hibernaculum Significant Wildlife Habitat (SWH) as being within 200 m of the entrance to the hibernaculum for most development types. As a result, future assessments for bat hibernacula should focus on areas that are at least 200 m from the detector locations shown on Figure 8. Given the presence of shoreline development in the study area, it is also possible that some bats would utilize structures for over-winter habitat.

The SWH for bat maternity colonies typically includes the entire forested ecosite (i.e., ELC) where a maternity colony has been identified. Although not identified during this study, SWHMiST provides that any removal of the forest cover should be avoided. However, if avoidance is not possible, removal of any forest cover should be minimized and subsequently rehabilitated. Evaluation of maternity roosts would need to be completed prior to any development activities.

#### 6.3.2 Other Mammals

No rare or significant mammal species (including bats, as described above) were identified during the site inspections for the 2021 and 2016 assessments. There are no records of any SAR mammals identified on-site as per the information provided in the NHIC query.

The Claims possess an abundance of furbearers such as Beaver, Muskrat, Coyote, Black Bear, Red Fox, etc. It is possible that trap lines for furbearing species exist within the claim group, although, no traps were observed. It is also possible that the claim areas are part of the traditional territories used by nearby First Nations for trapping or gathering.

It may be beneficial to determine whether the Claims contain any traditional trapping ties and/or determine if anyone has obtained a permit from MNDMNRF to trap within the Claims.

A full list of the mammals identified on-site is presented in Appendix H.

#### 6.3.3 Herptiles

No species of herptile were identified on-site during the most-recent assessments. It would be beneficial to include surveys in the spring season for a more accurate herptile inventory. Surveys were conducted for basking turtles, although none were observed. Given the time of year when the surveys were conducted, ORE staff did not expect to see any turtles.

The 2016 assessment had identified two (2) species of amphibian. Both species are considered common throughout Ontario. These observations included the Eastern Red-backed Salamander (*Plethodon cinereus*) and the Blue-spotted Salamander (*Ambystoma laterale*).

Although there were no SAR herptile sightings, additional surveys during spring emergence and nesting periods are recommended to confirm the presence or absence of any/all SAR. Given the reported sightings of Snapping Turtle, Blandings Turtle, Fivelined Skink and Eastern Ribbonsnake, any future development would require detailed multi-season surveys to determine presence/absence of SAR.

#### 6.3.4 Fish and Mussel Habitat

The Open Aquatic ecosites provide the best habitat for fish. Some areas of wetland and streams will also provide marginal habitat. With the exception of watercourses connecting the lakes, many of the watercourses and drainage areas on-site did not possess any flows during our inspections, therefore, should not be considered significant habitat for fish. During the spring freshet - melt period, it is possible that the streams and drainage areas would flow sufficiently to allow fish to migrate between wetlands and open water areas, although this will vary annually.

A survey was not completed by ORE to assess for the presence of SAR fish and mussels. However, it is unlikely that any SAR fish or mussels are present as they have not been detected in the past by agencies. Regardless, further studies should be completed to determine any constraints associated with potential fisheries.

#### 6.3.5 Vascular Plants and Lichens

Surveys were conducted for vascular plant and lichen SAR, however, none were observed. A complete list of vascular plant and lichen species identified on-site is provided in

## Appendix H.

More detailed inventories should be completed to confirm presence or absence of any plant and lichen SAR.

### 6.3.6 Avifauna

During our inspections, a total of twenty-six (26) bird species were identified on-site, none of which were significant. Among the birds listed within the OBBA square for this site, the following species could find adequate habitat within the claim area:

- **Barn Swallow** (*Threatened*) Adjacent properties contain structures that would be appealing for this species to nest within. In addition, there is an abundance of dead tree snags near the watercourses which could appeal to this species. ORE notes that the claim group conversion has resulted in manmade structures being within the subject claims. As a result, the probability of Barn Swallow being present on-site is now considered likely but is expected to be isolated to the shoreline of West Twin Lake, where development is prevalent.
- **Black Tern (***Special Concern***)** There is plenty of marshy wetland habitat available on-site that would provide adequate habitat and nesting areas for Black Tern. The open aquatic areas of the lakes would also provide sufficient feeding grounds for this species. As the claim group now contains larger lakes and wetland features, the probability of Black Tern being present onsite is considered moderate to high.
- **Canada Warbler** (*Special Concern*) The subject property provides both mixed and deciduous forests that abut waterways in the claim group that may be suitable habitat to breed and nest within. This species prefers coniferous lined creeks and rivers that flow periodically throughout the year. The probability of Canada Warbler being present on-site is considered moderate to high.
- **Chimney Swift** (*Threatened*) Historically, this species would inhabit open cavities in standing trees. However, it has adapted over time to utilize similar habitats in urban settlements such as chimneys to nest within. There are plenty of trees with cavities available on-site, although it may be attracted to the nearby cottages in the area which are more spacious for this communal species. The probability of Chimney Swift being present on-site is now considered low to moderate given the presence of cottage development within the claim group.

- **Eastern Whip-poor-will** (*Threatened*) The mixed forest communities in the claim group are excellent habitat for this species to breed, nest and forage within. It would utilize the tall pines to call from during the breeding bird period. This species is also known to forage for insects overtop of wetlands of which there is an abundance of lakes and wetlands on-site. The probability of Whip-poor-will being present on-site is considered high.
- **Eastern Wood-Pewee** (*Special Concern*) The subject claims provide a large tract of deciduous forest for this species to breed within. Similar to the above, the probability of Eastern Wood-Pewee being present on-site is considered high.
- **Golden-Winged Warbler** (*Special Concern*) The Thicket Swamp habitat is the preferred habitat of this species. The subject claims provide an abundance of this type of habitat in the transition area between the upland shores and the marshy areas. The probability of Golden-winged Warbler being present on-site is believed to be moderate.
- Wood Thrush (*Special Concern*) The subject claims provide secondary succession mixed and deciduous forests for this species to breed within. The woodlands have been harvested in the past, therefore, secondary succession woodlands are present within the claim group. The probability of Wood Thrush being present on-site is considered high.

Species that possess a Special Concern designation are not regulated under the ESA. These species are protected under the Significant Wildlife Habitat (SWH) criteria for Ecoregion 5E. According to the Significant Wildlife Habitat Mitigation Support Tool (SWHMiST) the habitat of Special Concern species are not to be impacted. However, provided the mitigation measures outlined in the SWHMiST are applied (as per the type of the development listed in the SWHMiST), future resource development could potentially occur.

Species that possess a Threatened or Endangered status according to the Species at Risk Ontario (SARO) website database, receive both individual <u>and</u> habitat protection under the ESA. The delineated habitat, if its presence is confirmed on-site, would therefore represent a potential constraint and a SAR permit from the Ministry of Environment, Parks and Conservation would be required to potentially harm, harass or alter/destruct the habitat of the said species.

Additional assessments conducted within the breeding fauna period would be necessary to confirm or exclude the presence of any potential SAR identified within the background information.

# 7.0 Conclusions & Recommendations

- 7.1 In general, expansion of the claim group area resulting from the legacy claim conversion process, has resulted in additional lands available for assessment. In addition, the conversion changes have resulted in the background data suggesting that additional sensitive habitats (i.e., wetlands) and Species at Risk may be present within or in close proximity to the claim group. As a result, mapping and background information resources have been updated as part of this assessment to include the larger claim group and to update data that were previously included in our 2016 assessment report.
- 7.2 It is generally recommended that the design of any future development maintain the current drainage regime within the identified subwatersheds (i.e., Sams Lake, West Twin Lake and Oak Lake). Given the potential local significance of the wetlands within these subwatersheds, detailed studies would need to be completed to determine the potential hydrological and ecological impacts (on-site and off-site) should development in those areas be contemplated. This is relevant considering that the gabbro contact runs through these subwatersheds.
- 7.3 An acoustic survey was completed to evaluate potential hibernaculum for bats within the forested ecosites identified as part of the 2016 assessment work. No bats were detected. Notwithstanding, it cannot be ruled out that the locations where the detectors were deployed (Figure 8) contain no suitable hibernacula habitat. Future assessment of hibernacula should focus on suitable habitat that is at least 200 m from these locations.
- 7.4 While future development will necessarily result in the removal of some trees and other vegetation, it should be possible to mitigate those removals by restoring the forest and waterways elsewhere to produce an *"overall net benefit"* with respect to the lands and species. This type of mitigation should be considered at the development design stage. A progressive-type rehabilitation process that actively follows the extraction limit/works is recommended. To ensure the full scale of the impacts are realized, more detailed inspections of the proposed development area would be required prior to development.
- 7.5 No Species at Risk (SAR) were observed within the subject claims during the site inspections. However, the inspections were not conducted during the ideal time of year. As there appears to be an abundance of potentially suitable habitat on-site that could potentially contain SAR, further assessments in the appropriate seasons are recommended.

7.6 The waterways and forests that occur within the subject claims possesses fur-bearing animals that Indigenous people in the area may utilize for hunting/trapping and gathering. These groups may also obtain medicines from the woodlands and wetlands within the claims. As such, consultation with Indigenous communities should be considered prior to any proposed development within the claims.

\*\*End of Environmental Baseline Report Update\*\*

Respectfully Submitted, Oakridge Environmental Limited

Thob that

Rob D. West, HBSc. CSEB Senior Environmental Scientist

# **Statement of Qualifications**

I, Rob D. West have been practising in the fields of Environmental Sciences and Earth Sciences for more than 20 years. I have supervised the design of, collection of data for, and interpretive work involved in this study.

My educational background includes completion of an Honours Bachelor of Science degree from Laurentian University, Sudbury, Ontario, specializing in Ecology, Biology, Vertebrates/ Invertebrates, Vascular/Non Vascular Plants Taxonomy, Environmental Chemistry and Environmental Geology. My expertise also includes:

2012	-	MTO/DFO/OMNR Protocol for Protecting Fish & Fish Habitat
2011	-	Fish Identification, Royal Ontario Museum
2008	-	Electrofishing Techniques, Central Lake Ontario Conservation
2008	-	Mussel Identification, Environment Canada
2007	-	Ministry of Natural Resources - Data Sensitivity Training (NHIC)
2002	-	Ministry of Environment - Well Technician Certification
2001	-	Ministry of Natural Resources - Wetland Evaluation Course

I hold memberships or participate in the following:

ESA -	Member, Ecological Society of America
CSEB	Member, Canadian Society of Environmental Biologists
OBBA -	Ontario Breeding Bird Atlasser
PFN -	Member, Peterborough Field Naturalists
PADI -	Certified Open Water Diver

It is further stated that neither Oakridge Environmental Ltd. nor its employees have any ownership interest in the subject property and that the only remuneration to be received is monetary and that the remuneration is solely related to the work completed as outlined in this report.

Rob West

## Oakridge Environmental Ltd.

rob@oakridgeenvironmental.com email

# **Selected References**

**Argus, G.W. and K.M. Pryer**. 1982-1987, <u>"Atlas of the Rare Vascular Plants of Ontario</u>". Four Parts. National Museum of Natural Sciences, Ottawa, Ontario.

Austen, M.J. et. al. 1995. "<u>Ontario Birds at Risk Program</u>". Federation of Ontario Naturalists and Long Point Observatory. 165 pp. OBAR website contacted June 2013.

Bezener.A. 2000. "Birds of Ontario". Lone Pine Publishing.. 376 pp.

Bakowsky, W., 1995. <u>"S-ranks for Southern Ontario Vegetation Communities"</u>. OMNR, Natural Heritage Information Centre, Peterborough, ON. 11 pp.

Bellrose F.C. 1976. "Ducks, Geese and Swans of North America". Stackpole Books

Brigham, R.M., et al. <u>Suggested Reading From Bat Echolocation Research: Tools, Techniques and Analysis.</u> Bat Conservation International. Austin Texas. Eds. 2004.

Cadman, M.D. et. al., 1987. "Atlas of Breeding Birds of Ontario", OBBA website contacted May 2013.

Cheskey, E.D. 1995. "Towards Conserving Birds of Ontario". Federation of Ontario Naturalists. 48 pp.

Gill F.B. 2007. <u>"Ornithology - Third Edition"</u>. National Audobon Society, W.H. Freeman and Company.

Habib, L., Bayne, E. M. & Boutin, S. "Chronic Industrial Noise Affects Pairing Success and Age Structure of Ovenbirds Seiurus Aurocapilla." Journal of Applied Ecology 44 (2007): 176-84.

**Holmgren, Noel H.**, "<u>Manual of Vascular Plants of Northeastern United States and Adjacent Canada - Second</u> <u>Edition</u>", The New York Botanical Garden, 1998.

**Humphrey, Christy and Heather Fotherby.** 2019. <u>Recovery Strategy for the Little Brown Myotis (Myotis</u> <u>lucifugus), Northern Myotis (Myotis septentrionalis) and Tri-colored Bat (Perimyotis subflavus) in Ontario.</u> Ontario Recovery Strategy Series. Prepared by the Ministry of the Environment, Conservation and Parks, Peterborough, Ontario. vii + 35 pp. + Appendix. Adoption of the Recovery Strategy for the Little Brown Myotis (Myotis lucifugus), the Northern Myotis (Myotis septentrionalis), and the Tri-colored Bat (Perimyotis subflavus) in Canada (Environment and Climate Change Canada 2018).

**Humphrey, C.** 2017. <u>Recovery Strategy for the Eastern Small-footed Myotis (Myotis leibii) in Ontario.</u> Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources and Forestry, Peterborough, Ontario. vii + 76 pp.

**Jones et. al.** 2008. "<u>The Dragonflies and Damselfies of Algonquin Park and the Surrounding Area.</u>" The Friends of Algonquin Park. 263 pp.

**Konze, Karl and McLaren, Margaret.** 1998. <u>Wildlife Monitoring Programs and Inventory Techniques for Ontario</u>. Ontario Ministry of Natural Resources. Northeast Science and Technology Manual TM-009. 139 pp

Layng, A.M., et al. <u>Bat Species Distribution and Habitat Associations in Northern Ontario, Canada</u>. Journal of Mammology. January 2019.

Lee, H.D. et. al. 1998. <u>Ecological Land Classification for Southern Ontario -First Approximation and it's Application</u> - <u>SCSS FieldGuide; FG-02</u>. OMNR, North Bay, Ontario.

Muller, E. H., and V. K. Prest. 1985. Glacial Lakes in the Ontario Basin. Quaternary Evolution of the Great Lakes, GAC Special Paper 30.

**National Park Service (NPS).** 2016. <u>Guidance for conducting acoustic surveys for bats: Version 1 detector</u> <u>deployment, file processing and database version 1.7.</u> Natural Resource Report NPS/NRSS/NRR—2016/1282. National Park Service, Fort Collins, Colorado.

Newcomb, L., 1977. "<u>Nerwcomb's Wildflower Guide</u>". Little Brown and Company(Canada) Limited.

**Oldham, M.J.**, "*Natural Heritage Resources of Ontario, Amphibians and Reptiles*", Ontario Herpetofaunal Survey (OHS)., 1996, OHS website contacted August 2013.

**Oakridge Environmental Ltd.,** <u>"Environmental Baseline Study (EBS), Claim No. 1240157 (East Gabbro Project),</u> Lot 10, Concession 4, (Methuen), Township of Havelock-Belmont-Methuen, County of Peterborough", 2016.

**Ontario Ministry of Natural Resources.** <u>Bats and Bat Habitats: Guidelines for Wind Power Projects, Second</u> <u>Edition.</u> July 2011.

**Peck G.K. & James R.D.,** 1983. "<u>Breeding Birds of Ontario Nidiology and Distribution Volume 1 : Nonpasserines</u> <u>and Volume 2: Passerines</u>". Royal Ontario Museum, Toronto.

**Phipps, D** (a); <u>Trigan Resources Assessment Report (Diamond drilling Report)</u>, West Gabbro Property, Methuen <u>Township</u>, <u>Southern Ontario District</u>; August 31st, 2003.

**Phipps, D (b)**; <u>Trigan Resources Assessment Report (Aggregate Testing)</u>, West Gabbro Property, Methuen Township, Southern Ontario District; November 18th, 2003.

Reichert, B., et al. <u>Guide to Acoustic Detectors Settings v1.0.</u> North American Bat Monitoring Program. October 2017.

Reichert, B., and Lausen, C., Loeb, S., Weller, T., Allen, R., Britzke, E., Hohoff, T., Siemers, J., Burkholder, B., Herzog, C., and Verant, M., 2018, <u>A Guide to processing bat acoustic data for the North American Bat</u> <u>Monitoring Program</u> (NABat): U.S. Geological Survey Open-File Report 2018–1068, 33 p., https://doi.org/10.3133/ofr20181068.

**Seburn, D.C.,** 2010. <u>Recovery strategy for the Common Five-lined Skink (Plestiodon fasciatus) – Carolinian and</u> <u>Southern Shield populations in Ontario</u>. Ontario Recovery Strategy Series. Prepared for the Ontario Ministry of Natural Resources, Peterborough, Ontario. vi + 22

Schnitzler, H.U. and Kalko, E.K.V., *Echolocation by Insect-Eating Bats*. BioScience July 2001. 51(7): 557 - 569.

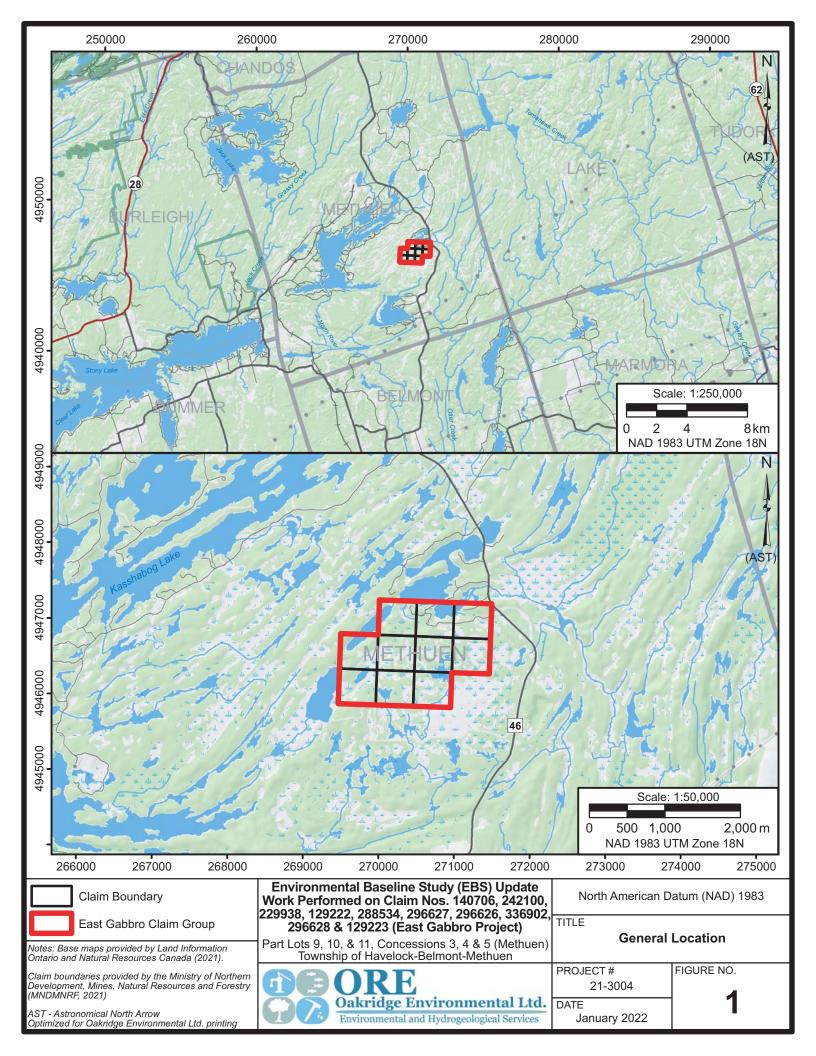
Sibley, D.A. 2003. "The Sibley Field Guide to Birds of Eastern North America". New York: Alfred A. Knopf.

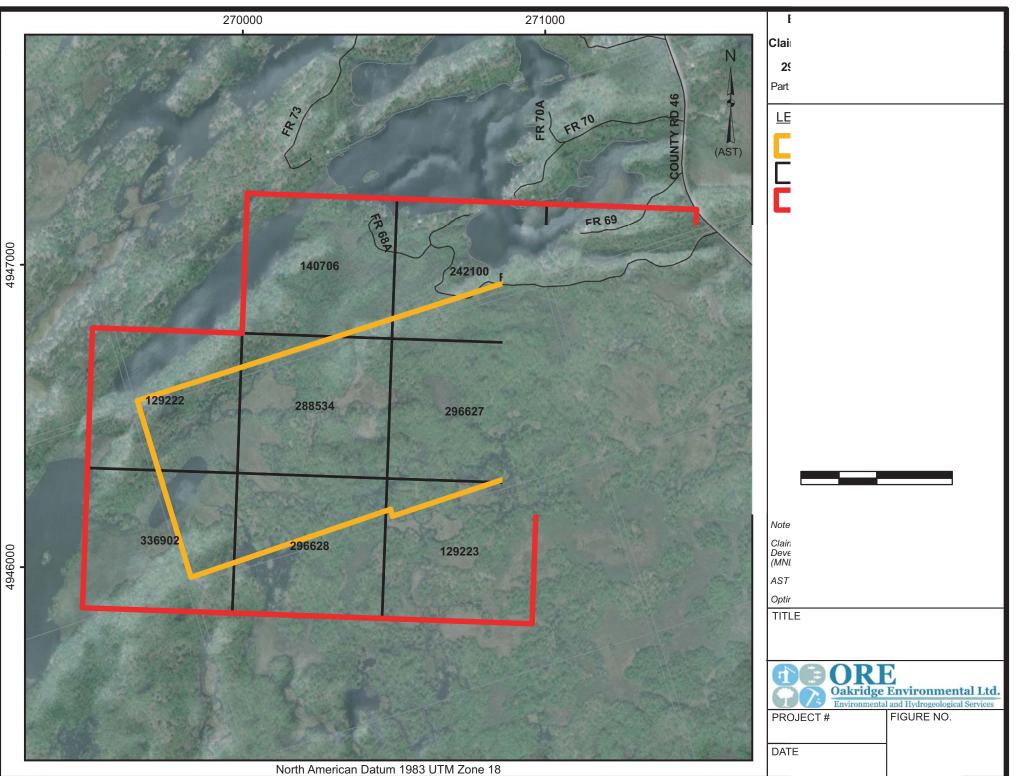
"**Species at Risk in Ontario List**." Ontario.ca. N.p., 16 June 2015. <a href="http://www.ontario.ca/environment-and-energy/species-risk-ontario-list">http://www.ontario.ca/environment-and-energy/species-risk-ontario-list</a>>.

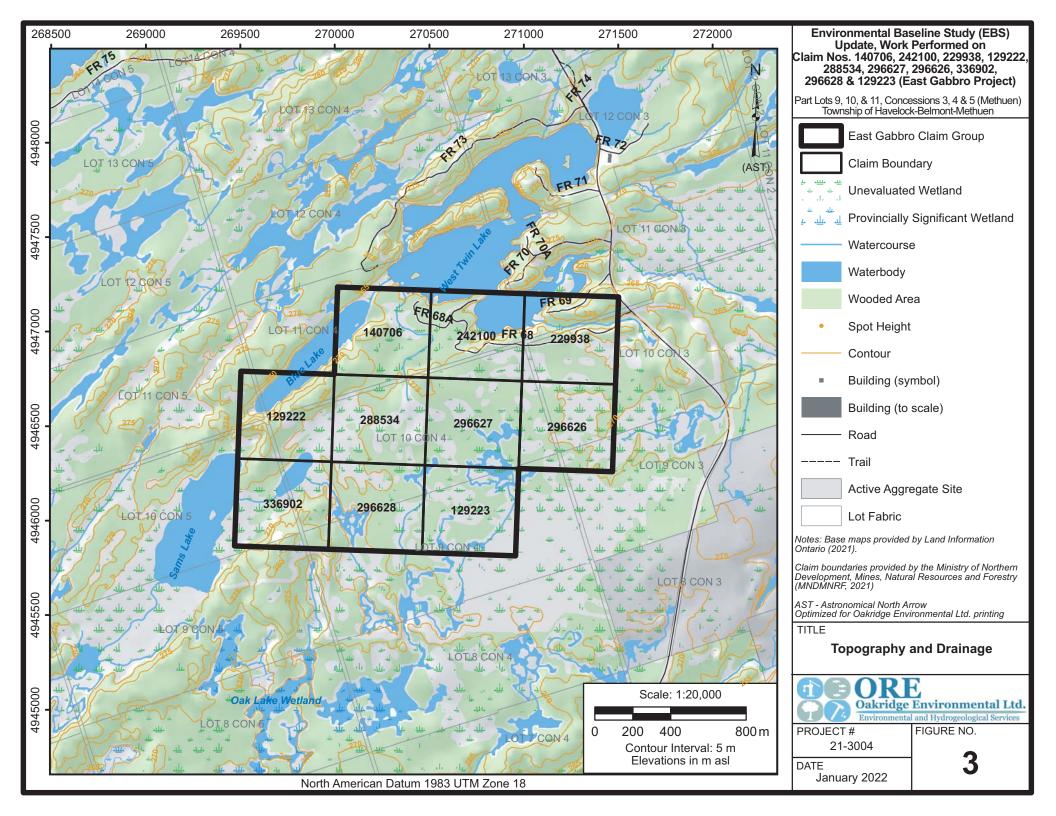
Szewczak, J.M., March 2011. <u>Echolocation Call Characteristics of Eastern US Bats</u>. Humboldt State University Bat Lab.

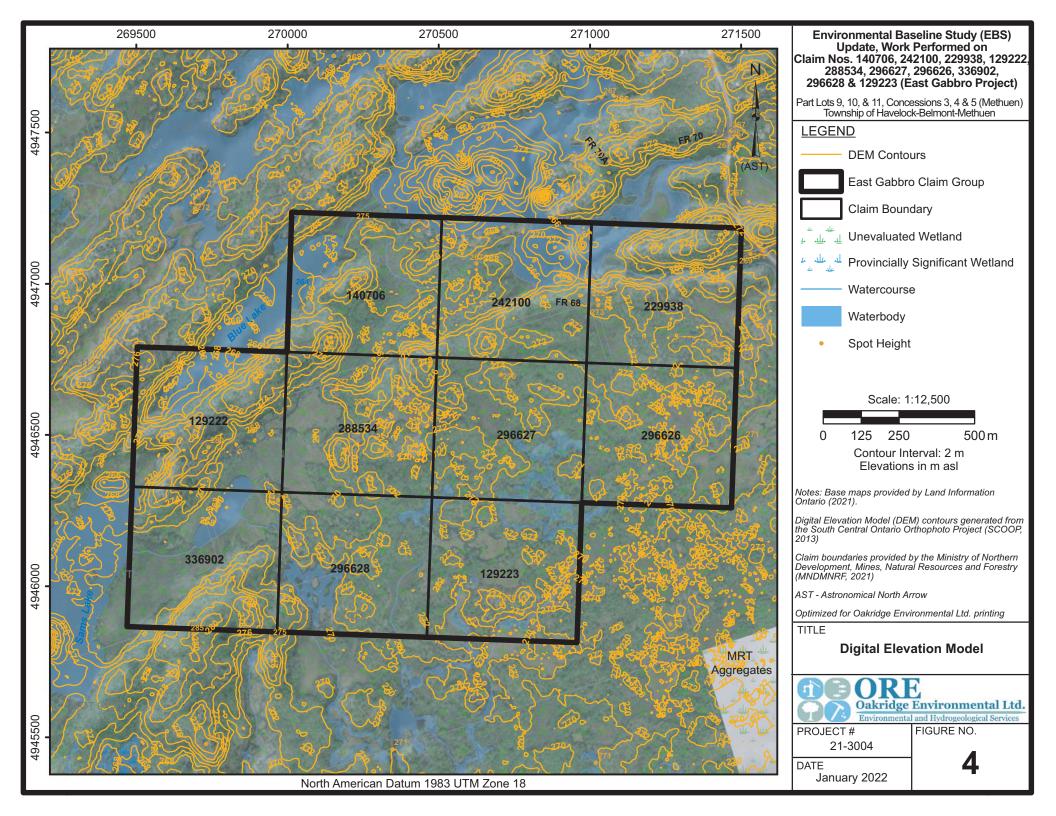
**Voss, Edward G.**, 1972. "<u>*Michigan Flora - Part I to Part III*</u>"; Cranbrook Institute of Science Bulletin 55 and The University of Michigan Herbarium.

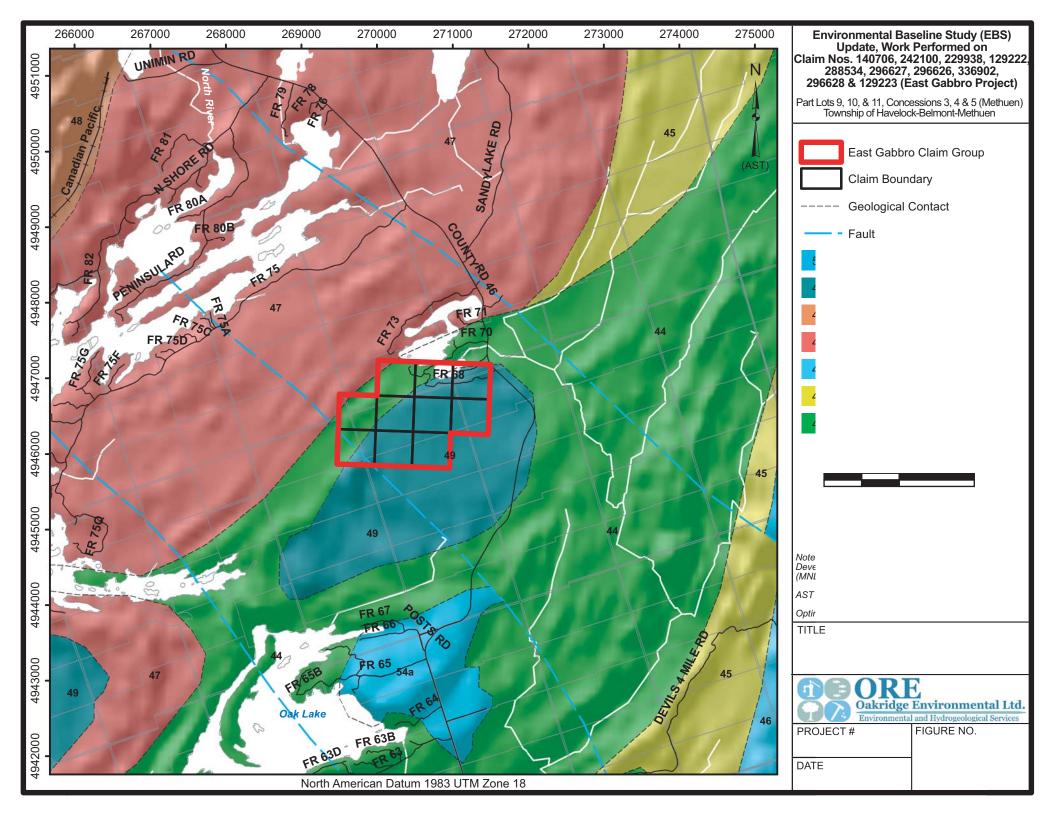
Figures

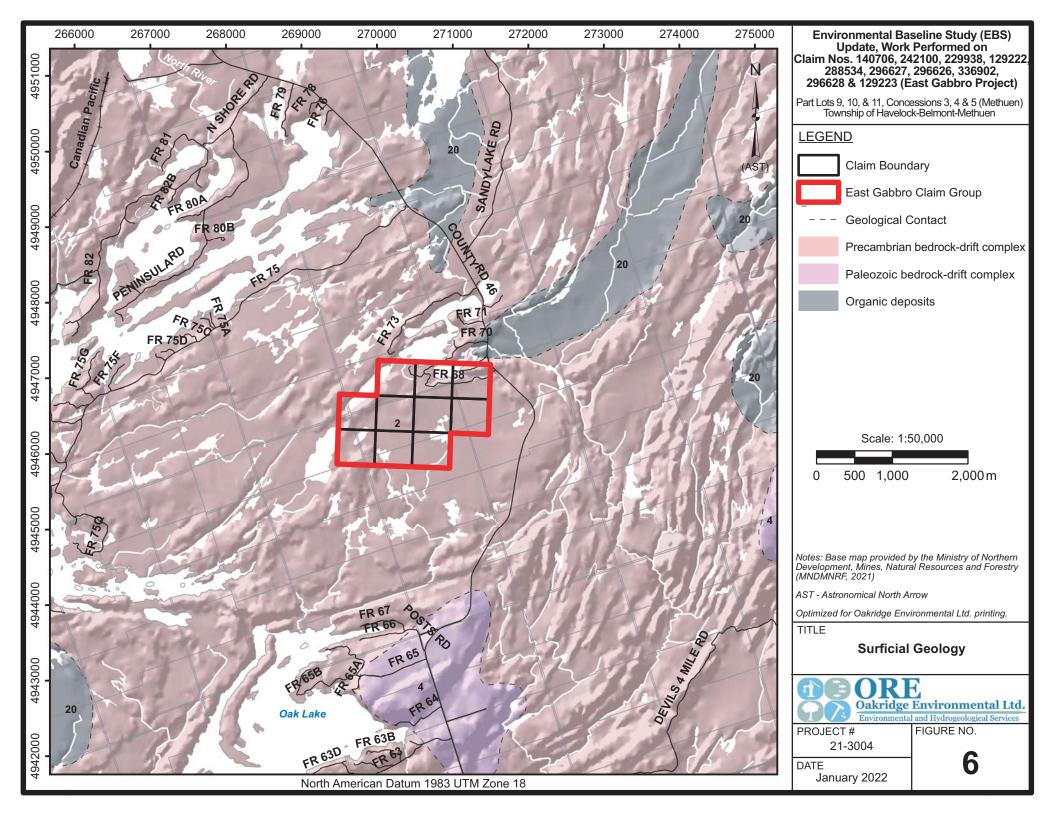


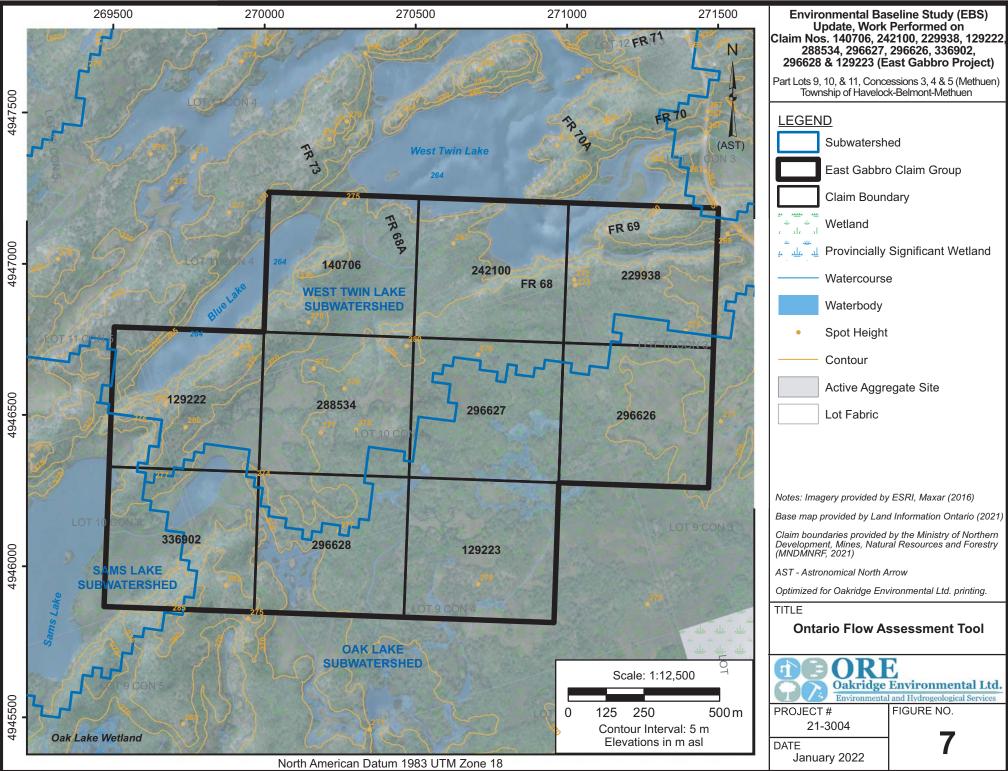


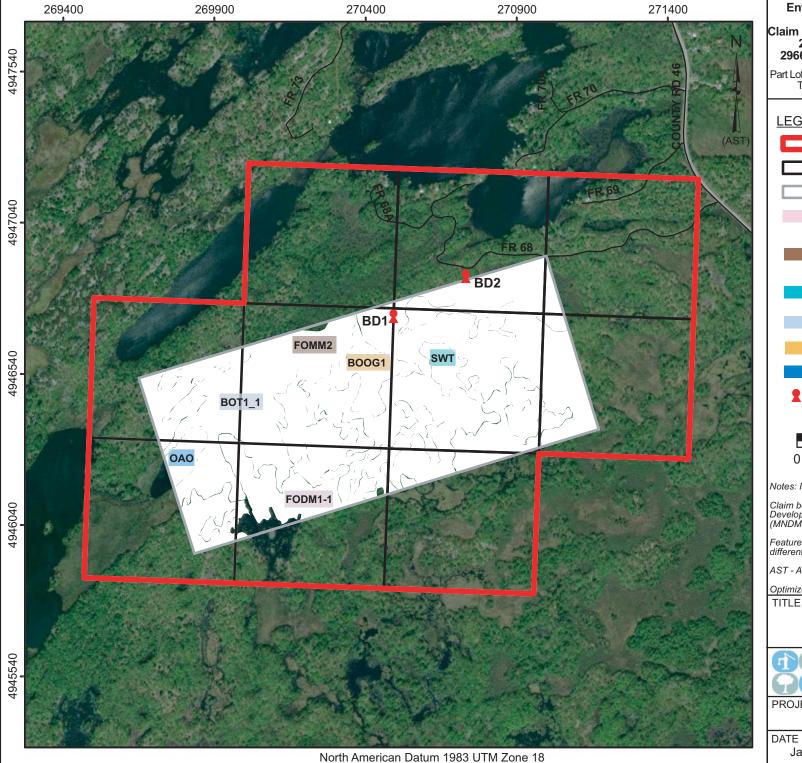


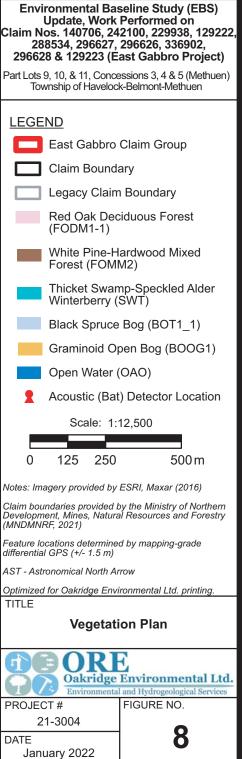












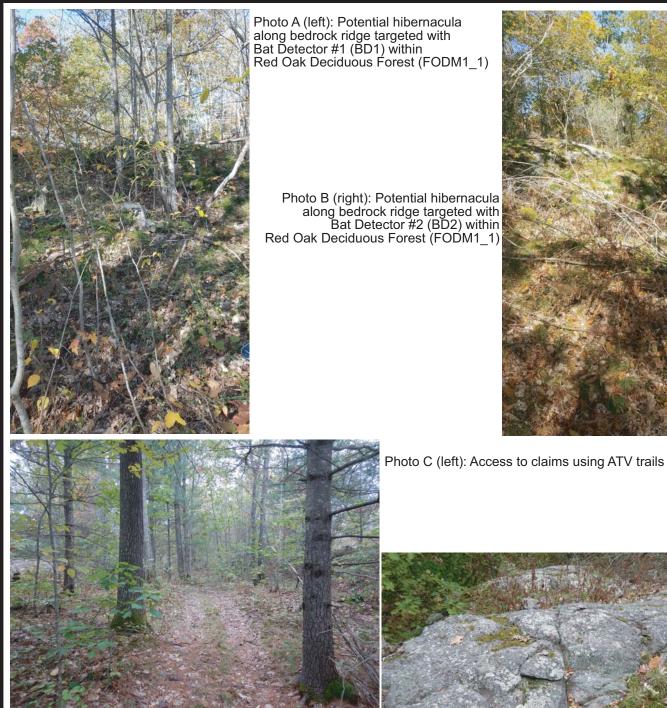


Photo D (right): Exposed gabbro outcrop

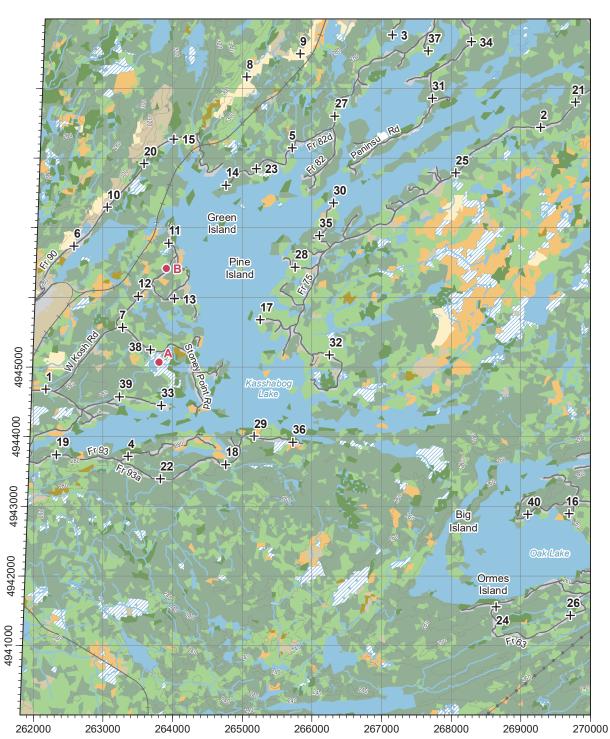




## Appendix A

OBBA Data

Predefined Coordonnées de		int coordinates écoute prédétern		
	EASTING UTM Est	NORTHING UTM Nord	Ontar Breeding Bir	
1	262180	4944678		
2	269285	4948438		2.1
3	267156	4949764		
4	263362	4943714	1	
5	265716	4948144		
6	262583	4946734		
7	263281	4945565		
8	265065	4949163	Legend	Légende
9	265831	4949493	Expressway or highway	Autoroute ou route
10	263063	4947293	Expressival of highway	nationale (asphaltée)
11	263943	4946777	Regional or local road ——	Route régionale ou
12	263509	4946013	Regional of local road	locale (asphaltée ou non)
13	264029	4945979	Resource / Recreation	Ressource / route récréative
14	264766	4947609	Rail line —	Chemin de fer
15	264016	4948270	Utility corridor	Ligne de transport d'énergie
16 17	269693 265257	4942892	Watercourse	Rivière ou ruisseau
18		4945677		
18	264763 262329	4943597 4943740	Protected or conserved area	Zone protégée ou conservée
20	263591	4947918	Fire disturbance since 2000	Incendie perturbé depuis 2000
20	269785	4948800	Broadleaf forest 21	Forêt de feuillus
22	263827	4943391	Coniferous forest 4	Forêt de conifères
23	265205	4947848	Mixed forest 41	Forêt mixte
24	268643	4941558		
25	268067	4947785	Shrubland 4	Milieu arbustif
26	269712	4941433	Grassland	Prairie
27	266331	4948600	Barren 2	Dénudé
28	265759	4946432	Wetland 3	Milieu humide
29	265171	4944005	Agriculture 1	Milieu agricole
30	266312	4947355	Water 22	Eau
31 32	267731 266249	4948856 4945170		
33	263837	4944447	Developed area 3	Zone développée
33	268289	4949668	Unclassified	Non classifié
35	266108	4946886	The approximate percent coverage of	of each habitat type is indicated
36	265729	4943918	by the numbered bo	
37	267670	4949536	La couverture approximative est in	diquée en pourcentage dans
38	263684	4945243	le rectangle coloré	de la légende.
39	263235	4944571	Cartographic production	
40	269099	4942882	Production cartographique	e par oiseaux Canada
			Note: The project partners are in no way mistakes or omissions in the infor	
		point counts coute hors route	Avis : Les responsables du projet d'atlas i de toute inexactitude, erreur ou omi	ission concernant les informations



8	265065		4949163		Legend	Légende
9	265831		4949493		-	Autoroute ou route
10	263063		4947293		Expressway or highway ——	nationale (asphaltée)
11	263943		4946777		Designal or least road	Route régionale ou
12	263509		4946013		Regional or local road ——	locale (asphaltée ou non)
13	264029		4945979		Resource / Recreation	Ressource / route récréa
14	264766		4947609		Rail line —	
15	264016		4948270			Chemin de fer
16	269693		4942892		Utility corridor	Ligne de transport d'éner
17	265257		4945677		Watercourse	Rivière ou ruisseau
18	264763		4943597		Protected or conserved area	Zone protégée ou consei
19	262329		4943740		Fire disturbance since 2000	Incendie perturbé depuis
20	263591		4947918			
21	269785		4948800		Broadleaf forest 21	Forêt de feuillus
22	263827		4943391		Coniferous forest 4	Forêt de conifères
23	265205		4947848		Mixed forest 41	Forêt mixte
24	268643		4941558		Shrubland 4	Milieu arbustif
25	268067		4947785		Grassland	
26	269712		4941433			Prairie
27	266331		4948600		Barren 2	Dénudé
28	265759		4946432		Wetland	Milieu humide
29	265171		4944005		Agriculture 1	Milieu agricole
30 31	266312 267731		4947355 4948856		Water 22	Eau
32	266249		4945170			
33	263837		4944447		Developed area 3	Zone développée
34	268289		4949668		Unclassified	Non classifié
35	266108		4946886		The approximate percent coverage of	of each habitat type is indicated
36	265729		4943918		by the numbered bo	x in the legend.
37	267670		4949536		La couverture approximative est in	
38	263684		4945243		le rectangle coloré	de la légende.
39	263235		4944571		Cartographic production	
40	269099		4942882		Production cartographique	
					Note: The project partners are in no way mistakes or omissions in the infor	
			oint counts		Avis : Les responsables du projet d'atlas	ne peuvent être tenus responsat
Nombre de	•				de toute inexactitude, erreur ou om apparaissant sur	
Broadleaf f	orest:	2 (	Grassland:	0	6° Universal Transverse Mercato	r (LITM) Projection: Zone 18
Coniferous	forest:	0 \	Netland:	0	Central Meridian -75°; North Ame	
Mixed fore	st:	3 3	Shrubland:	0	Projection universelle transver Zone 18, méridien	
Predefi	ned / Pr	édéter	minés: 20	)	Système de référence géodésique	
Off-r	oad / He	ors rou	ute: 5	5		
Atlas-2 of	f-road	Poin	t hors rout	te		<b>,</b>
	point	Atlas	s-2			OISEAUX CANADA
$\mathbf{\wedge}$	г	r			March 2021 /	mars 2021
	Ó		1 km		https://www.bird	sontario.org/
-						

Predefined point count coordinates

( <b>*</b>	5	Squar	e Su	mmai	•	Q	64) <mark>[c</mark>	<u>hange</u>	]	R	eg s	ummar	# 6:		
BIRDS CANADA OISEAUX CANADA			#spe	ecies		#h	urs	#pc c	l ne		Peterb	r ugh, (	ON)		
8		p ss	pr b	c nf	t tal	t tal	peak	r ad c	ffrd	#squares	•	#species	#squar	es pc)	
	Curr.	13	0	0	13	0.6	0.3	0	0 <b>o</b>		data		target	c mpl.	0
	Prev.	34	26	35	95	42.2	_	33	2	60	57	181	60	5	
										60	60	185	0	60	

arget number fp int c unts in this square: 25 in total: 20 road side, 5 off road (Broadleaf Forest in 2, Mixed Forest in 3). Please try to ensure that each off-road station is located such that the entire 100m radius circle is within the prescribed habitat.

SPECIES	Prev.	C de %		SPECIES	Prev.	C de	%	SPECIES	Prev.	C de '	%
Canada Goose	FY		71	American Coot ‡ o			1	oNorthern Saw-whet Owl			1
Mute Swan ‡ o			3	Sandhill Crane ‡ o			22	Belted Kingfisher	А		78
Trumpeter Swan o			190	Killdeer § o	A o		47	Yedd w-bellied Sapsucker o	A o	S	89
<u>WoodcoDuock</u>	FYoo		71 <b>c</b>	v Upolanol Saondpipoer †	c		7	oRed-headed Wooodpecker †			5
Bloce-winogoed Teal‡ o			8	oAmerican Woodcock	Но		40	oRood-bellioed Wooodpeorker			33
Noortheon Sohooveler‡o			0	oWilson's Snipe	V o		400	Blasck-baockeddWoodpecker‡o	0		1
Gadwa <b>ollo‡o</b>			0	o Sponderd Saondopiper	P 0		31	Down W dpæncker o	FYoo	So	71
Anoerican Wigeon ‡	0		0	oRinog-hoilledoGoll§‡ o	Но		1	o <u>Haoiry Woodopecker</u> o	NYoo	o o	78
Mallard o	F <b>Yoo</b>	o	680	Heomoing Gull§	NEO	, o	190	oPibeated Woodpoecker	То	S 0	78
AmoericanoBloock Douock	Но		3	Caspian Tern‡ o			0	o <u>NoorthernoFlioker</u> o	То		78
Noortheam Pinotail‡ o			0	oBlack Tern † o			1	oAmoerican Koeostrel §			40
Green-winoged Toeal‡ o			0	oCommon Tern § ⊅ o			0	oMerlin o	Р		31
Redhead † o			0	oCommon Loon	FYoo	0	610	PeoreogrineoFaoloon ‡ o			0
Ring-necked Du <b>c</b> k			190	ooDouble-cresteed Coormorant §‡ o			3	Oliveesided Flyecatcheot ‡o	0		7
LeseeoSoaup‡o	o		0	oAmerican Bittern	c		38	Eaostern WoodePeowene § o	S o		78
Hoooded Merganser o	Но	o	450	ooLeast Bitobern † o	AEoo	) (	220	ooYeblowoobellioedoFlyocatchero‡	Po	o	0
Coommon Merganser‡o	Нo		210	o <u>Great Bloceo</u> Heoron §o	NY6	<b>)</b>	500	Alder Flyzozatcheo	S o		78
Rudody Duock ‡			0	oGreen klearon §	c		36	Willow <b>6</b> lyccatcher	0		31
<u>Wild Tu<b>o</b>key</u>			660	oo <u>Tuokeop Vuotture</u>	P 0		710	Least Flyncatcher o	S o	o	68
Ruchfed Gir usee	S 0	So	73	Ospre <b>yo o</b>	AEoo	<b>)</b>	470	oo <u>EasternoPhopebe</u>	NYoo	,	84
Rinog-noecked Rohoeasant‡o			0	on Northeom kolaomoier			220	Great Crested Elocaócheor	FY	Но	82
Pi <b>e</b> d-billoed Grebe	S 0		7	oShoarp-oshinned Haowko			7	oEastern Kingbird o	FYoo	,	77
Rock Piogecoon (Feoral Piogeon o) o	0	o	40	o Cozopeoris Holazovkoo	c		140	Ye <b>dowed</b> hroa <b>t</b> ed Vireo o		o	22
Mourning Dave	P <b>o</b>		71 <b>c</b>	Noortheon Goshawkoc‡o	NY6	<b>,</b>	1	oBloce-headedoVireoo			45
Ye <b>do</b> w- <b>b</b> il <b>bool</b> C <b>o</b> ckoo	0		450	Bald Eagleo‡ o			5	oPholeodelphiaoVinceo‡	0		0
Blaack-billed Cuackoo	S 0		66	ooRed-shouldeoed Haowko	c		170	WarblingdVireo o	S o		57
Common Ni <b>ght</b> hawk <b>o</b> §	P 0		210	<u>Broad-winged Hanwko</u>	P 0		630	Read-ee eed Voince	Υc	s o	92
Eaostern Whip-poor-wibl§ o	То		33	Reod-tailed Haoovko	Но		420	Loggerhead Scholikae †			0
Choimney Svoitol ‡	o	o	7	Eastern Someech-Oovl	c		8	o-Caonadaoulay‡		o	0
Ruby-throated Huammingbird o	F <b>Yoo</b>		560	ooGreat Hoomed Oovl‡o	н		140	Bloce Jay o	Po		94
Vinoginia Rojail	A o		430	BaonaedoOov/lo	Но		33	AnorericancCrow o	CF		84
Soma			14	oLong-earedoOwl‡o			3	Coommon Raven	Do	o	91
Common Gallinule ‡ o	0	o	100	ooShoort-eaoed Owl † o		, c	0	o Blackecappeed Chrickadeze o	СГос	s s o	98

#### Breeding Bird - Summary Shee for Squ re 18TTQ64 (ge 2 of 2

SPECIES	Prev.	Code	%	SPECIES	Prev.	Code	%	SPECIES	Prev.	Code	%
Bore Chick dee ‡ )			0	Purp e Finch	FY		73	Hooded Warb er ‡)			
Horned L rk ‡)			5	Red Cro bi ‡ )			5	meric n Red ) r			8
Nor hern Rough-winged Sw ow	н		15	Whi e-winged Cro bi ‡)			3	C pe MayWarber‡)			
Purpe Marin‡			0	Pine Si kin‡)			5	Cerue n Warber †			
Tree Swow)	Р		59	meric n Go dfinch	Р		78	) Nor hern P ru ‡)	)		1
BnkSwow§)	)		10	Gr hopper Sp rrow § )	)	)	21	) <u>Magnoi Warber</u>	S	)	5
<u>Brn Swow</u> §)	NU )		63	Chipping Sp_rrow )	FY)		82	By-bre ed Warber‡)			
C iff Swow§			14	C y-co ored Sp rrow ‡)			15	Bckburnin Warber)			3
Ruby-crowned King e ‡)			0	FiedSp_rrow §)	S		57	<u>Ye ow Warb er</u>	FY		7
Go den-crowned King e )			19	D rk-eyed Junco ‡)	S		3	) <u>Che nu - ided Warb er</u> A			7
Red-bre ed Nuhch)	FY		82	Whie-hroed Sprrow)	S		80	) Bck-hroed Bue Warber	S		4
White-breasted Nuthatch )	Р	S	73	Ve per Sp rrow )	)	)	19	Pine Warb er	FY (	)	8
Brown Creeper	S		42	<u>SvnnhSprrow</u> )			52	Ye ow-rumped Warb er	FY		6
Bue-gryGnc cher‡)			3	Song Sparrow A)	E )	S)	96	Pr irie Warb er †	NE		
<u>Hou je Wren</u>	S		59	Linco n'Sp rrow ‡)			5	) <u>Bck-hroed Green Warber</u> )	CF	)	6
Win er Wren)			77	Sw mp Sp rrow)	CF)		87	)Cnd Warber§			4
Sedge Wren ‡)			8	E ern Towhee § )	S		43	<u>ScreTnger</u> )	S		7
MarhWren)	S		40	Bobo ink §			45	) Nor hern C rdin )			4
C roin Wren‡)			5	Eern Medowrk§)	)	)	50	Ro e-bre ed Gro be k)	Р	)	8
<u>Europe n S ring</u> )	)		70	Orch rd Orio e ‡ )	)		3	) Indigo Bunting)	FY (	) S	7
<u>GryC</u> bird	Т		73	B imore Orio e	S		64				
Brown Thr her )	н		61	Red-winged Blackbird A )	E )	S)	94				
Nor hern Mockingbird ‡			1	Brown-he ded Cowbird)	S		47				
E ern B uebird)			40	Common Gr_cke)	CF)		92				
Veery )	CF	S	89	Ovenbird A)			87				
Sw in on' Thru h			7	Nor hern Waer hru h)	S)	)	73				
<u>Hermi Thru h</u> )	S )		57	Go den-winged Warb er † )			14				
<u>Wood Thruh</u> §)			66	B ue-winged Warb er ‡			8				
American Robin)	CF	S	98	<u>Bck-nd-whie Warber</u> )	S)		80				
<u>Ced r Waxwing</u> )	Р		66	Tenne ee Warb er ‡			0				
Hou e Sp rrow)	)		33	N hvie Warber)	Н		73				
Evening Gro be k ‡ )	S		0	Mourning Warber)	)	)	50				
Hou e Finch)			15	Common Ye ow hro	E)	)	89				

Thi i include breeding pecie expected in he region #16 (Pelerborough . Under ined pecie re hole h you houd ry old o hi quire (18TTQ64. They h ve no ye be)en reported in hi quire, buth ve been reported in more hin 50% of heliquire in hi region of r. "Prev." i he code for he highe breeding evidence for high pecie in quire 18TTQ64 in he previou . "Code" i he code for he highe breeding evidence for higher pecie in quire 18TTQ64 in he previou . "Code" i he code for he higher breeding evidence for higher pecie in quire 18TTQ64 in he previou . "Code" i he code for he higher breeding evidence for higher pecie in quire 18TTQ64 in he previou . "Code" i he code for he higher breeding evidence for higher pecie in quire 18TTQ64 in he previou . "Code" i he code for he higher breeding evidence for higher pecie in quire 18TTQ64 over heligher breeding evidence for higher pecie in quire 18TTQ64 in he previou . "Code" i he code for he higher breeding evidence for higher pecie in quire 18TTQ64 over heligher breeding evidence for higher pecie in quire 18TTQ64 in heligher pecie in region #16 . R re/Co oni Specie Repor Forms hould be completed for pecie marked: § (Specie of in ere , ‡ (region yr re , † (provinci yr re . nup-o-d ever ion of hi hee i v i be from <u>h p://www.bird c n d.org/n urecoun / / ummaryform.j p?</u>) <u>quirelD=18TTQ64& ng=EN D</u> curren of 4/01/2022 07:16. 4949000

4948000

4947000

4946000

4945000

4944000

4943000

4942000

4941000

270000

16

272000

273000

274000

275000

276000

271000

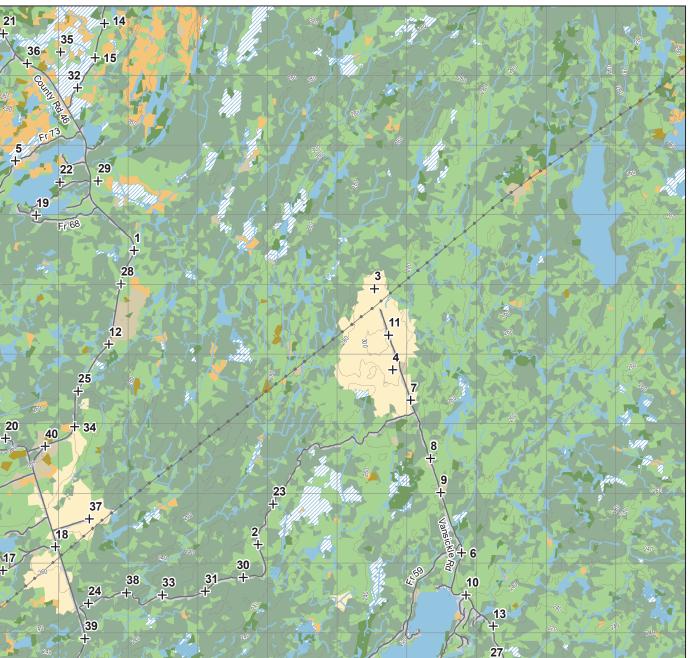
+ 26

278000

279000

280000

277000



Predefined point count coordinates Coordonnées des points d'écoute prédéterminés

POINT	EASTIN			
+	UTM Es	st UTM Nord		
1	272085	4946486		
2	273865	4942263		
3	275536	4945935		
4	275798	4944771		
5	270382	4947771		
6	276783	4942147		
7	276055	4944335		
8	276340	4943501		
9	276488	4943010		
10	276847	4941540		
11	275736	4945271		
12	271721	4945138		
13	277238	4941091		
14	271658	4949743		
15	271525	4949252		
16	271100	4940369		
17	270204	4941892		
18	270956	4942232		Р
19	270680	4946991		
20	270241	4943789		F
21	270208	4949598		
22	271019	4947466		
23	274081	4942843		
24	271430	4941418		
25	271280	4944465		
26	277572	4940200		
27	277198	4940536		
28	271897	4946003		
29	271567	4947483		
30	273653	4941792		
31	273107	4941592		
32	271273	4948818		
33	272489	4941539		
34	271232	4943954		
35	271027	4949332		
36	270552	4949170		
37	271441	4942633		
38	271975	4941573		
39	271380	4940915		
40	270810	4943673		
umber	of off-ro	ad point counts		
		d'écoute hors ro		1
adleaf f	orest:	2 Grassland:	0	
niferous		0 Wetland:	0	
ed fore		3 Shrubland:	0	
		o on ubianu.	U	
		édéterminés: 20 prs route: 5		

#### Nu Nom

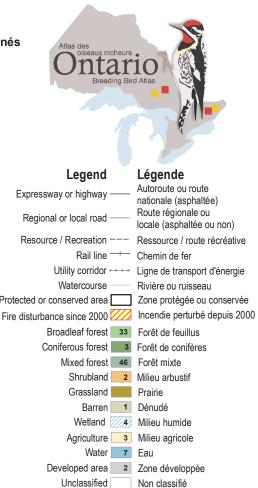
Broadleaf forest:	2	Grassland:	0
Coniferous forest:	0	Wetland:	0
Mixed forest:	3	Shrubland:	0

P Off-road / Hors route:

Atlas-2 off-road point Point hors route Atlas-2

N

```
1 km
```



The approximate percent coverage of each habitat type is indicated by the numbered box in the legend.

La couverture approximative est indiquée en pourcentage dans le rectangle coloré de la légende.

Cartographic production by Birds Canada Production cartographique par oiseaux Canada

Note: The project partners are in no way responsible for any inaccuracies, mistakes or omissions in the information that appears on this map.

Avis : Les responsables du projet d'atlas ne peuvent être tenus responsables de toute inexactitude, erreur ou omission concernant les informations apparaissant sur cette carte.

6° Universal Transverse Mercator (UTM) Projection; Zone 18, Central Meridian -75°; North American Datum 1983 (NAD 83) Projection universelle transverse de Mercator (UTM) 6° Zone 18, méridien central -75°;

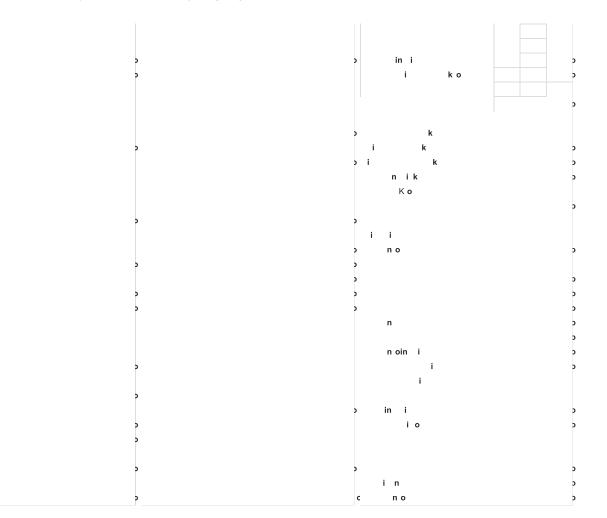
Système de référence géodésique nord-américain 1983 (NAD 83)



March 2021 / mars 2021 https://www.birdsontario.org/

( <b>*</b>	;	Squai	re Su	mma	r	Q	74) <mark>[c</mark>	<u>hange</u>	]	R	eg s	ummar	# 6:		
BIRDS CANADA OISEAUX CANADA			#spe	cies		#h	urs	#рс с	l ne		Peterb	r ugh,	ON)		
		p ss	pr b	c nf	t tal	t tal	peak	r ad o	ffrd	#squares	•	#species	#squa	res pc)	
	Curr.	24	32	47	103	42.5	34.7	0	0 <b>o</b>		data		target	c mpl.	0
	Prev.	38	43	49	130	135.7	_	3	3	60	57	181	60	5	
										60	60	185	0	60	

arget number fp int c unts in this square: 25 in total: 20 road side, 5 off road (Broadleaf Forest in 2, Mixed Forest in 3). Please try to ensure that each off-road station is located such that the entire 100m radius circle is within the prescribed habitat.Predef. c mpleted: [09, 10]



#### Breeding Bird - Summary Shee for Squ re 18TTQ74 (ge 2 of 2

SPECIES	Prev.	Code	%	SPECIES	Prev.	Code	%	SPECIES	Prev.	Code	%
Black-capped Chickadee	CF	FY	98	Hou e Finch			15	Common Yellowthroat)	CF	CF	89
Bore Chick dee ‡ )			0	Purple ∯inch	Т	Т	73	) Hooded Warb er ‡			(
Horned L rk ‡			5	Red Cro bi ‡			5	American Redstart	Т	Т	82
Nor hern Rough-winged Sw ow A	E		15	Whie-winged Cro bi ‡)	)		3	CpeMayWrber‡)			C
Purpe Marin‡)	S		0	Pine Si kin‡)	Н		5	Cerue n Warber†)			3
Tree Swallow A	E	FY	59	American Goldfinch	FY	Р	78	Nor hern P ru ‡)			10
BnkSwow§)			10	Gr hopper Sp rrow § )	Т		21	Magnolia Warbler )	S	S	57
Barn Swallow § A)	E /	ΑE	63	Chipping Sparrow )	CF	CF	82	By-bre edWrber‡)		)	C
Cliff Swallow §	Р	FY	14	C y-co ored Sp rrow ‡)	S		15	B ckburni n Warb er	Т		35
Ruby-crowned King e ‡)	)		0	Field Sparrow § )	CF )	Т	57	Yellow Warbler )	FY	Т	78
Go den-crowned King e )			19	D rk-eyed Junco ‡)			3	Chestnut-sided Warbler )	FY	Т	73
Red-breasted Nuthatch )	Т	Т	82	White-throated Sparrow )	FY)	Т	80	B ck-hro ed Bue Warber )	Т		40
White-breasted Nuthatch )	T )	Т	73	Ve per Sp rrow	S		19	Pine Warbler )	Т	FY	82
Brown Creeper )	S	CF	42	Savannah Sparrow )	S	S	52	Yellow-rumped Warbler )	CF	Т	64
Bue-gryGnc cher‡)			3	Song Sparrow	CF )	FS	96	Pririe Warber†)			0
House Wren	FY A	А) Е	59	Lincoln's Sparrow ‡)		S	5	Black-throated Green Warbler	Т	Т	68
Winter Wren)	Т	Т	77	Swamp Sparrow	FY)	FY	87	Canada Warbler § )	S	S	40
Sedge Wren ‡)	S )		8	Eastern Towhee § )	Т	FY	43	Scarlet Tanager )	S	CF	75
Marh WrenA)			40	Bobolink §)	Т	Т	45	Northern Cardinal )	Р	Н	42
C roin Wren‡)			5	Eastern Meadowlark § )	FY	FY	50	Rose-breasted Grosbeak	CF	CF	82
European Starling)	CF	FY	70	Orch rd Orio e ‡ )			3	Indigo Bunting)	Т	FY	73
Gray Catbird A)		Т	73	Baltimore Oriole	Т	Т	64				
Brown Thrasher )	T )	FY	61	Red-winged Blackbird	FY	CF	94				
Nor hern Mockingbird ‡)			1	Brown-headed Cowbird )	FY	н	47				
Eastern Bluebird	CF	FY	40	Common Grackle)	CF	FY	92				
Veery)	Т	FY	89	Ovenbird)	Т)	Т	87				
Sw in on' Thru h )	S		7	Northern Waterthrush )	т	CF	73				
Hermit Thrush	CF )	т	57	Go den-winged Warb er † )	т		14				
Wood Thrush §)	Т	Т	66	B ue-winged Warb er ‡			8				
American Robin)	NE )	CF	98	Black-and-white Warbler	т	FY	80				
Cedar Waxwing)	Р	н	66	Tenne ee Warb er ‡			0				
House Sparrow )	FY	FY	33	Nashville rbler )	FY	Т	73				
Even ng Gro be k ‡	Т		0	Mourning Warbler )	S	S	50				

Thi i include breeding pecie expected in he region #16 (Pelerborough . Under ined pecie re hole h you houd ry old o hi quire (18TTQ74.) They h ve no ye been reported in hi quire, buth ve been reported in more hin 50% of he quire in hi region of r. "Prev." i he code for he highe breeding evidence for h pecie in quire 18TTQ74 in he previou . "Code" i he code for he highe breeding evidence for h pecie in quire 18TTQ74 over he 5 ye r. The % column give he percent ge of quire in hi region where h pecie w reported (hi give nide of he expected chince of finding h pecie in region #16. R re/Co oni Specie Repor Forms houd be completed for pecie marked: § (Specie of in ere , ‡ (region yr re , † (provinci yr re . nup-o-d ever ion of hi hee i v i b e from <u>h p://www.bird c n d.org/n urecoun / / ummaryform.j p?</u> <u>quireID=18TTQ74& ng=EN D</u> curren of 4/01/2022 07:16.

# Appendix B

Species Descriptions

<u>Barn Swallow</u> is listed as "Threatened" by *Species at Risk Ontario* (SARO) and is protected under the *Endangered Species Act* (ESA). The Barn Swallow inhabits open-rural and urban sites where buildings are situated near watercourses. Nesting is typically within loose colonies on building structures, bridges and other suitable overhanging structures. Structures are chosen because they keep the half "cup-like" mud nest dry and have edges that the nest can adhere to. The Barn Swallow feeds on insects by catching them on its wing.

<u>Black Tern</u> is listed as "Special Concern" by SARO and is protected under the ESA. The Black Tern prefers shallow, freshwater cattail marshes, wetlands, lake edges and sewage ponds with emergent vegetation. Nesting occurs on dead plant material piled upon aquatic floating vegetation. The Black Tern hunts small insects and minnows along the surface of lakes or ponds.

<u>Bobolink</u> is listed as "Threatened" by SARO and is protected under the ESA. The Bobolink prefers large tracts of tallgrass areas, either true prairies or hay fields, as it forages low to the ground in search of larvae and seeds.

<u>Canada Warbler</u> is listed as "Special Concern" by SARO and is protected under the ESA. It prefers large tracts of mixed forests on bottomlands within wetlands or drainage courses. The species nests within the upper extremities of the canopy in deciduous and coniferous trees. The Canada Warbler feeds on beetles, caterpillars and common insects. Typically, this species prefers creeks and mixed forests with a coniferous edge along a moving creek, tributary or river system.

<u>Chimney Swift</u> is listed as "Threatened" by SARO and is protected under the ESA. The Chimney Swift is a somewhat generalist species. It will utilize empty cavity nests found in dead trees within fencerows or may utilize unused chimneys as suggested by its common name. This species is most active in early morning and early evening (i.e., dawn and dusk). It will venture outside of the nesting area and feast on insects during those times. It then flies back to the nesting site, entering the nest one after another in an orderly funnel-shaped sequence.

<u>Common Nighthawk</u> is listed as "Special Concern" by SARO and is protected under the ESA. The Common Nighthawk is part of the Nightjar family and prefers forest openings, bogs and sometimes open field/meadow areas. Nesting is on bare ground where both adults feed the young. Feeding can take place during day or night, while the species constantly forages for all types of insects.

<u>Eastern Meadowlark</u> is listed as "Threatened" by SARO and is protected under the ESA. The Eastern Meadowlark is similar to Bobolink, as this species also prefers large tracts of agricultural fields or tall grass prairies to nest within. Eastern Meadowlark is a ground nester, and utilizes the tall grass to conceal its nest and eggs. Feeding includes beetles, crickets, and spiders.

<u>Eastern Whip-poor-will</u> is listed as "Threatened" by SARO and is protected under the ESA. The Whip-poor-will prefers a combination of large natural tracts of forest, watercourses and edge habitat consisting of meadow areas with open, deciduous and pine woodlands. The Whip-poor-will does not construct a nest, but rather utilizes the soft leaf litter on the ground to form a nest and lay the eggs directly on the ground. The Whip-poor-will is a nighttime hunter, calling it's own name while searching for large flying insects, beetles, moths, mosquitos and sometimes grasshoppers. The Whippoor-will often choose pine species adjacent to waterways from which to call.

<u>Eastern Wood-pewee</u> is listed as "Special Concern" by SARO and is protected under the ESA. This species prefers mixed deciduous and coniferous woodlands which are open or considered edge-habitat. Nesting occurs on a tree branch as the species catches insects from a perch.

<u>Evening Grosbeak</u> (*Coccothraustes vespertinus*) is listed as "Special Concern" by SARO and is not protected under the ESA. During the breeding season, Evening Grosbeak is generally found in open, mature mixed-wood forests dominated by fir species, White Spruce and/or Trembling Aspen. Its abundance is strongly linked to the cycle of its primary prey, the Spruce Budworm. Outside the breeding season, the species depends mostly on seed crops.

<u>Golden-winged Warbler</u> is listed as "Special Concern" by SARO and is protected under the ESA. The Golden-winged Warbler prefers woodland edge habitat with young secessional tree species and moist shrubby fields. This species gleans insects on shrubs and the forest floor and nesting occurs on the ground.

<u>Least Bittern</u> is listed as "Threatened" by SARO and is protected under the ESA. The Least Bittern inhabits freshwater marshes where tall, impenetrable stands of emergent vegetation are utilized for coverage. The Least Bittern may build up a hunting platform in search of small fish, insects, and amphibians.

<u>Olive-sided Flylcatcher</u> (*Contopus cooperi*) is listed as "Special Concern" by SARO and is not protected under the ESA. This species is typically found within natural forest edges and openings. Its preferred habitat is within coniferous or mixed forests adjacent to rivers or wetlands. It likes to inhabit conifers such as White/Black Spruce, Jack Pine, and Balsam Fir.

<u>Red-headed Woodpecker</u> is listed as "Special Concern" by SARO and is protected under the ESA. It prefers a combination of deciduous forests and rural development areas, similar to a park-like setting. The deciduous species can be oak or maple, however, the understoreys must be meadow-like or a maintained lawn space. The species will nest within cavities that it constructs or it will take over cavity nests that other woodpeckers have constructed. The Red-headed Woodpecker feeds on beetles, caterpillars and common insects that are found within the bark of trees.

<u>Red-shouldered Hawk</u> no longer possesses a status in Ontario, although is still considered to be a "sensitive" species with respect to development. It prefers mature deciduous dominated forests, often nesting within hundreds of metres of the edge of wetlands or waterways. The nest will often occur in the crotch of deciduous trees. It prefers slopes where it can easily fly to the tree-tops and overlook the waterway for foraging purposes, hunting for small mammals, birds, reptiles and amphibians.

<u>Wood Thrush</u> is listed as "Special Concern" by SARO and is protected under the ESA. The Wood Thrush enjoys relatively undisturbed, mature woodlands. Nesting occurs low in the fork of a tree, as this species forages for berries and insects at ground level. Similar to the Eastern Wood-Pewee, this species prefers large tracts of woodland.

<u>Blanding's Turtle</u> (*Emydoidea blandingii*) is listed as "Threatened" by SARO and is protected under the ESA. It tends to inhabit shallow waters within large wetlands or shallow lakes that have lots of aquatic plants. However, they have been known to travel hundreds of metres from a main body of water for nesting or mating. This species is most easily identified by its bright yellow throat and chin.

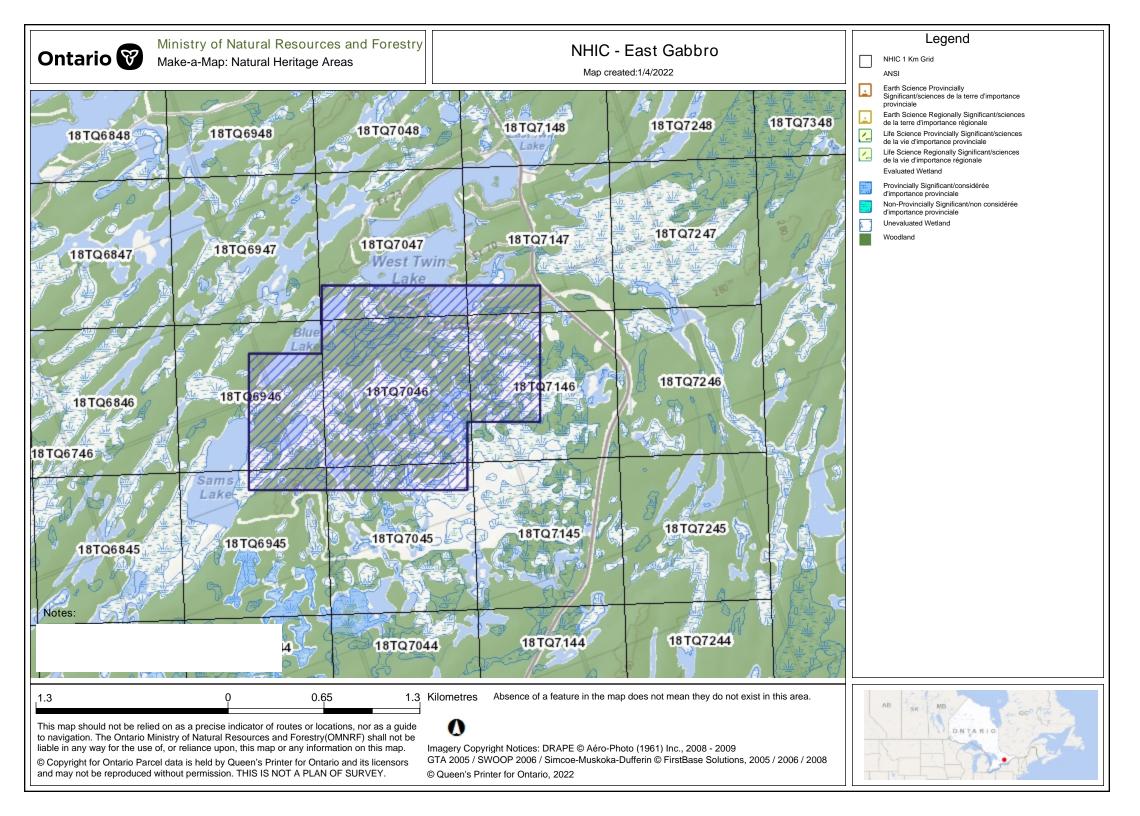
<u>Common Five-lined Skink (Southern Shield Population)</u> (*Plestiodon fasciatus*) is listed as "Special Concern" by SARO and is not protected under the ESA. This species of lizard basks on sunny rocks and logs to maintain a preferred body temperature (28 - 36°C). During the winter, they hibernate in crevices among rocks or buried in the soil. The Southern Shield population can be found underneath rocks on open bedrock in forests.

<u>Eastern Ribbon Snake</u> (*Thamnophis sauritus*) is listed as "Special Concern" by SARO, and is not protected under the ESA. This species occurs mainly within large marshlands that have an open water content. This species uses the lily-pads and other vegetation within the wetland to bask in the sun. It also utilizes the deeper sections of the marsh to dive beneath the water when threatened by predators.

<u>Snapping Turtle</u> (*Chelydra serpentina*) is listed as "Special Concern" by SARO and is not protected under the ESA. Snapping Turtles spend most of their lives in water. They prefer shallow waters so they can hide under the soft mud and leaf litter, with only their noses exposed to the surface to breathe. During the nesting season, from early to mid summer, females travel overland in search of a suitable nesting site, usually gravelly or sandy areas along streams. Snapping Turtles often take advantage of man-made structures for nest sites, including roads (especially gravel shoulders), dam and aggregate pits.

## Appendix C

NHIC Data



#### NHIC Data

fu the ith this data select the c ntent and c py it int y u n d excel d cuments.

OGF ID Element Type G	Common Name	Scientific Name	SRank	SARO Status	COSEWIC Status	ATLAS NAD83 IDENT COMMENTS
1067563 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR			18 Q6947
1067563 SPECIES	H ught n's Flatsedge	Cype us h ught nii				18 Q6947
1067563 SPECIES	W d h ush	Hyl cichla mustelina		SC T	HR	18 Q6947
1067562 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea		SNR			18 Q6946
1067561 NA URAL AREA	Oa La e Wetland					18 Q6945
1067561 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR G	2		18 Q6945
1067561 WILDLIFE CONCEN RA ION AREA	Mixed Wade Nesting C 1 ny		SNR			18 Q6945 <b>G</b>
1069573 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR G	Ē		18 Q7047
106957 <b>G</b> SPECIES	C mmon Nightha G	h deiles min G		С	SC	18 Q7047
1069573 SPECIES	W d h ush	Hyl cichla mustelina		SC T	HR	18 Q7047
1069573 SPECIES G	Weste n Ch us F g - G eat La es - St. La enc Canadian Shield p pulati	maculata p p. 1		NAR T	HR	18 Q7047
1069576SPECIES	Snapping u tle G	Chelyd a <b>G</b> se pentina		SC G	SC	18 Q7047
1069573 SPECIES	Easte n Whip-p - ill	Ant st mus v cife us		HR T	HR	18 Q7047
1069572 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G	TT-1 ' 1 1	SNR			18 Q7046
1069572 SPECIES	W d h ush	Hyl cichla mustelina		SC T	HR	18 Q7046
1069571 NA URAL AREA G	Oa La e WetlandG					18 Q7045 G
1069571 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea		SNR			18 Q7045
1069583 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR G	ì		18 Q7147
1069583 SPECIES	W d h ush	Hyl cichla <b>G</b> mustelina		SC T	HR	18 Q7147
1069583 SPECIES	Weste n Ch us F g - G eat La es - St. La enc Canadian Shield p pulati	e - Pseudac is maculata p p. 1 G	ł	NAR T	HR	18 Q7147
1069583 SPECIES	C mmon Five-lined S in (S uthe n Shield p pulati n)	Plesti d n fasciatus p p. 2		SC	SC	18 Q7147
1069583 SPECIES G	Easte n Whip-p - ill	Ant st mus v cife us		HR T	HR G	18 Q7147
1069583 RES RIC ED SPECIES	Rest icted Species	Rest icted Species				18 Q7147
1069583 RES RIC ED SPECIES	RES RIC ED SPECIES G	RES RIC ED SPECIES		HR T	HR	18 Q7147
1069582 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR			18 Q7146
1069582 SPECIES	Midland Painted u tle G	Ch ysemys picta ( ma ginata	G		SC	18 Q7146
1069582 SPECIES	Easte n Ribb nsna e	hamn phis sau itus		SC	SC G	18 Q7146
1069582 SPECIES G	W d h ush	Hyl cichla mustelina		SC T G	HR	18 Q7146
1069582 SPECIES G	Weste n Ch us F g - G eat La es - St. La enc Canadian Shield p pulati	maculata p p. 1 G	ì	NAR T	G HR	18 Q7146
106958 <b>G</b> SPECIES	Canada Wa ble	Ca dellina canadensis		SC T	HR	18 Q7146
106958 <b>G</b> SPECIES G	Easte n Whip-p - ill G	Ant st mus v cife us G		HR T	G HR G	18 Q7146
1069582 SPECIES G	Blanding's u tle G	Emyd idea <b>G</b> blandingii		HR	END <b>G</b>	18 Q7146
1069581 WILDLIFE CONCEN RA ION AREA	C 1 nial Wate bi d Nesting A ea G		SNR G	ì		18 Q7145
1069581 SPECIES	Midland Painted u tle	Ch ysemys picta ma ginata			SC G	18 Q7145 <b>G</b>
1069581 SPECIES	Easte n Ribb nsna e G	hamn phis sau itus		SC	SC	18 Q7145
1069581 SPECIES G	Blanding's u tle	Emyd idea blandingii		HR	END	18 Q7145 <b>G</b>

# Appendix D

eBird Data

### Nephton e no publ c access) y

Peterborough Count \_(/region/CA-ON-PB? r=all&m=), Ontario (/region/CA-ON? r=all&m=), CA (/region/CA? r=all&m=) y

• Map /hotspots?hs=L1812260&yr=all&m=)

D rect ons https://www. oo le.com/maps/search/?ap =1&query=44.628962.-78.004646)

Hotspot navigation     Work over the second se	A.			
Overv ew /hotspot/L1812260?yr=all&m= Illustrate Checkl st /hotspot/L1812260/				
mustrate checki st /hotspot/Lioi2200/	<u>ine_a:yi-anoni_)</u>			
VIEW MY				
<u>M_eBird (/m_ebird/L1812260)</u>				
Life List (/lifelist/L1812260) Target Species (/targets?r1=L1812260&bmo=1&er	$n_{0} = 12$			
<u>Checklists (/m_checklists/L1812260)</u>	<u>10-12</u> ,			
EXPLO E				
Hotspot Map (/hotspots?hs=L1812260& r=all&m:	<u>=).</u>			
Bar Charts (/barchart?r=L1812260& r=all&m=)				
Media (https://ebird.org/media/catalog?regionCoc	<u>le=L1812260)</u>			
Printable Checklist (/printableList?regionCode=L18	12260& r=all&m=)			
( <b>ຈ</b> <u>130</u>		∎ <u>92</u>		
<u>Species observed</u> y		<u>Complete checklists</u> (/bstspat/11912260/activit_2_reall8/m=)		
(/hotspot/L1812260? r=all&m=) y		(/hotspot/L1812260/activit ? r=all&m=)		
Shtnsy			Up	odated 10 sec ago. y
Last seen_/hotspot/L1812260?yr=all&m=&rank=mre	<u>c) Frst seen /hotspot/L1812260?yr=a l&amp;m=&amp;rank=lrec)</u> <u>H</u> i <u>h counts</u>	<u>s_/hotspot/L1812260?yr=a l&amp;m=&amp;rank=hc)_y</u>	Show all details	Sort b y <del>v</del>
SPECIES NAME (/HOTSPOT/L1812260?YR=ALL&M=&RANK=MRE COUNT (/HOTSPOT/L1812260? YR=ALL&M=&RANK=MREC&HS_SORTBY=COUNT&HS_O=DESC	DATE (/HOTSPOT/L1812260?YR=ALL&M=&RANK=MREC&HS_SORTBY=DATE&HS_O=ASC)	OBSERVER		
1. <u>P leate Woo pecker</u> Dryocopus pileatus /spec	<u>es/p lwoo/L1812260)</u>			
# 2	4 Jan 2022 (/checklist/S100110718) y	Scott McKinla _(/profile/MTEwODI /L1812260) y		
2. Common aven Corvus corax /spec es/comrav	<u>//L1812260)</u>			
# 2	₩ <u>4 Jan 2022 (/checklist/S100110718)</u>	Scott McKinla (/profile/MTEwODI /L1812260)		
<ol> <li>Black-cappe Ch cka ee Poecile atricapillus /sp # 6</li> </ol>	ec es/bkcch /L1812260)  # 4 Jan 2022 (/checklist/S100110718),y	Scott McKinia _(/profile/MTEwpDi /L1812260)		
4. <u>e -breaste Nuthatch</u> <u>Sitta canadensis</u> /spec	es/rebnut/L1812260)			
# 1	☐ <u>4 Jan 2022 (/checklist/S100110718)</u> y	Scott McKinla _(/profile/MTEwODI /L1812260)		
5. Wh te-breaste Nuthatch Sitta carolinensis /sp	<u>ec es/whbnut/L1812260)</u>			
# 2	■ <u>4 Jan 2022 (/checklist/S100110718)</u> y	Scott McKinla (/profile/MTEwODI /L1812260)		
6uffe Grouse Bonasa umbellus /spec es/ruf r	o/L1812260)			
# 1	3 Jan 2022 (/checklist/S100025657) y	Luke Berg (/profile/MzQxNjc2/L1812260)		
7. Bal Ea le Haliaeetus leucocephalus /spec es/ba				
# 3	<u>3 Jan 2022 (/checklist/S100025657)</u>	Luke Berg (/profile/MzQxNjc2/L1812260),y		
<ol> <li>e -ta le Hawk Buteo jamaicensis /spec es/re # 2</li> </ol>	thaw/L1812260)	Luke Berg (/grofile/MzQxNic2/L1812260)		
<ol> <li><u>Downy Woo pecker</u> <u>Dryobates pubescens</u> /spec</li> <li># 1</li> </ol>	ES/ OWWOO/L1812260) 3 Jan 2022 (/checklist/S100025657) y	Luke Berg (/profile/MzQxNic2/L1812260)		
10. Ha ry Woo pecker Dryobates villosus /spec es/				
<ul> <li>Hary Woo pecker Dryobates Villosos /species/</li> <li># 4</li> </ul>	Ima WOUL IN 12200)           Ima 3 Jan 2022 (/checklist/S100025657)	Luke Berg_(/profile/MzQxNjc2/L1812260),y		
11. Blue Jay Cyanocitta cristata /spec es/blujay/L1	<u>312260)</u>			
# 3	■ <u>3 Jan 2022 (/checklist/S100025657)</u>	Luke Berg (/profile/MzQxNjc2/L1812260).y		
12. P ne Grosbeak Pinicola enucleator /spec es/p n	<u>ro/L1812260)</u>			
# 14		Luke Berg (/profile/MzQxNjc2/L1812260)		
13. Purple F nch Haemorhous purpureus /spec es/pu	<u>urf n/L1812260)</u>			
<b>#</b> 4 y	3 Jan 2022 (/checklist/S100025657)	Luke Berg (/profile/MzQxNjc2/L1812260)		
14. Common e poll Acanthis flammea /spec es/c				
# 6	<u>∃ Jan 2022 (/checklist/S100025657)</u>	Luke Berg (/profile/MzQxNjc2/L1812260)		
15. <u>e Crossb II</u> Loxia curvirostra /spec es/re cro,				
# 3	Jan 2022 (/checklist/S100025657) y	Luke Berg (/profile/MzQxNjc2/L1812260)		
<ol> <li>P ne S sk n Spinus pinus /spec es/p ns s/L1812</li> <li># 3</li> </ol>	2260) 3 Jan 2022 (/checklist/S100025657)	Luke Berg. (/profile/MzQxNjc2/L1812260)		
<ol> <li>Amer can Gol f nch <u>Spinus tristis</u> /spec es/am</li> <li># 16</li> </ol>	e <u>f /L1812260)</u>	Luke Berg (/profile/MzQxNic2/L1812260)		
<ol> <li>Amer can Tree Sparrow Spizelloides arborea /sp # 2</li> </ol>	B <u>3 Jan 2022 (/checklist/S100025657)</u> y	Luke Berg (/profile/MzQxNjc2/L1812260)		

20. Brown Creeper Certhia americana /spec es/brncre/L1812260).

# 1

19. Northern Shr ke Lanius borealis /spec es/norshr4/L1812260)

# 1 I Jan 2022 (/checklist/S99861358). y

1 Jan 2022 (/checklist/S99861358) y

Luke Berg (/profile/MzQxNjc2/L1812260) y

Luke Berg (/profile/MzQxNjc2/L1812260)

	• • • • • • • • • • • • • • • •
21. <mark>Wi rkey</mark> <u>Meleagris gallopavo( s</u> _ecies witr L181 60)	
# 1 III 30 Dec 2021 (/checklist/S99708700) p	Luke Berg (/profile/MzQxNjc2/L1812260)
23 Go on crowno. King at Browly catronal / acias/acekin/(1912260) n	
22. <u>Go en-crowne King et</u> <u>Regulus satrapa(/s ecies/gockin/L1812260)</u> p      # 1	Luke Berg [/profile/MzQxNjc2/L1812260] p
23. <u>Bohemian Waxwing</u> <u>Bombycilla garrulus(/s_ecies/bohwax/L1812260)</u>	
# 1 🛗 <u>30 Dec 2021 (/checklist/S99708700)</u> p	Luke Berg (/profile/MzQxNjc2/L1812260) p
24. White-winge Crossbi Loxia leucoptera(/s ecies/whwcro/L1812260)	
# 85	Luke Berg (/profile/MzQxNjc2/L1812260) p
25. Snow B nting Plectrophenax nivalis(/s ecies/snob n/L1812260)	
# 3 5 Dec 2021 (/checklist/\$98506455)	1 Amy Semple
26. <u>Go en Eag e Aquila chrysaetas(/s ecies/go eag/L1812260)</u>	
# 1 29 Nov 2021 (/checklist/S98245958) p	Chris Risley (/profile/MTEwMjQ1/L1812260)
27. Common Merganser Mergus merganser(/s_ecies/commer/L1812260)	
# 10	Luke Berg.(/profile/MzQxNjc2/L1812260)
duck sp. Anatinae sp.	
# 5	Luke Berg (/profile/MzQxNjc2/L1812260)
28. Herring G Larus argentatus(/s ecies/herg /L1812260). # 3	Luke Dave (/confile 0.4-00.410122/0)
# 3 🛱 27 Nov 2021 (/checklist/\$98151893) p	Luke Berg (/profile/MzQxNjc2/L1812260)
29. Shar -shinne Hawk Accipiter striatus(/s ecies/shshaw/L1812260)	
# 1	Luke Berg (/profile/MzQxNjc2/L1812260) p
30. Northern Goshawk Accipiter gentilis(/s_ecies/norgos/L1812260)	۵
# 1 🛗 <u>27 Nov 2021 (/checklist/S98151893)</u>	Luke Berg (/profile/MzQxNjc2/L1812260)
31. Re -sho ere Hawk Buteo lineatus(/s ecies/reshaw/L1812260)	
# 1	Luke Berg (/profile/MzQxNjc2/L1812260) p
32. <u>Ro_gh- egge_Hawk_Buteo.lagopus(/s_ecies/ro haw/L1812260)</u> p	
# 1	Luke Berg (/profile/MzQxNjc2/L1812260)
33. Cana a Goose Branta canadensis(/s ecies/cangoo/L1812260)	
# 7	Luke Berg (/profile/MzQxNjc2/L1812260) p
34. <u>Hoo e Merganser Lophodytes cucultatus</u> (/s ecies/hoomer/L1812260) # 1 # 1	Luke Pare (Jarofile (MrCublic 2/11812260)
# 1 HH 19 NOV 2021 (/CHeckiis/39/193532)	Luke Berg (/profile/MzQxNjc2/L1812260)
35. <u>Common Loon</u> <u>Gavia immer(/s_ecies/com/oo/L1812260)</u>	•
# 1 B Nov 2021 (/checklist/S97793552)	Luke Berg. (/profile//MzQxNjc2/L1812260)
36. Ce ar Waxwing Bombycilla cedrorum(/s ecies/ce wax/L1812260)	
# 9 🛗 <u>19 Nov 2021 (/checklist/S97793552)</u> p	Luke Berg (/profile/MzQxt)) p
37. <u>Ma ar</u> Anas platyrhynchos(/s ecies/ma ar3/L1812260)	
# 18 If Nov 2021 (/checklist/S97675738) p	Luke Berg. (/profile/MzQxNjc2/L1812260). p
38. <u>Ring-necke D ck Aythya collaris(/s ecies/rin c/L1812260)</u>	
# 1 16 Nov 2021 (/checklist/S97675738) p	Luke Berg. (/profile/MzQxNjc2/L1812260), p
39. <u>Common Go eneye</u> Bucephala clangula(/s_ecies/comgo/L1812260)	
# 1	Luke Berg (/profile/MzQxNjc2/L1812260)
	Luke Berg (/profile/MzOxNjc2/L1812260)
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260)	•
40. <u>San hi Crane</u> Antigone canadensis(/s_ecies/sancra/L1812260) # 18	Luke Berg (/profile/MzQxNjc2/L1812260)
40. San hi Crane Antigone canadensis(/s_ecies/sancra/L1812260) # 18	Luke Berg (/profile/MzQxNjc2/L1812260) p
40. <u>San hi Crane</u> Antigone canadensis(/s_ecies/sancra/L1812260). # 18 eagle sp. Accipitridae sp. (eagle sp.) # 3 <u>16 Nov 2021 (/checklist/S97675738)</u> .	•
40. San hi Crane Antigone canadensis(/s_ecies/sancra/L1812260), # 18	Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260)
40. <u>San hi Crane</u> Antigone canadensis(/s_ecies/sancra/L1812260). # 18 eagle sp. Accipitridae sp. (eagle sp.) # 3 <u>16 Nov 2021 (/checklist/S97675738)</u> .	Luke Berg (/profile/MzQxNjc2/L1812260) p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       # 16. Nov 2021 (/checklist/S97675738).         eagle sp. Accipitridae sp. (eagle sp.)       # 3         # 3       # 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).       #         # 1       # 16. Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.       E	Luke Berg (/profile/MzQxNjc2/L1812260) p      Luke Berg (/profile/MzQxNjc2/L1812260)      Luke Berg (/profile/MzQxNjc2/L1812260) p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260)         # 18       # 16. Nov 2021 (/checklist/S97675738)         eagle sp. Accipitridae sp. (eagle sp.)         # 3       # 16. Nov 2021 (/checklist/S97675738)         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       # 16. Nov 2021 (/checklist/S97675738)	Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260)
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       ■ 16. Nov 2021 (/checklist/S97675738).         eagle sp. Accipitridae sp. (eagle sp.)         # 3       ■ 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       ■ 16. Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.       # 30         # 30       ■ 16. Nov 2021 (/checklist/S97675738).         42. Northern Ficker Coloptes auratus(/s ecies/norf i/L1812260).	Luke Berg (/profile/MzQxNjc2/L1812260) p      Luke Berg (/profile/MzQxNjc2/L1812260)      Luke Berg (/profile/MzQxNjc2/L1812260) p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       ■ 16. Nov 2021 (/checklist/S97675738).         eagle sp. Accipitridae sp. (eagle sp.)         # 3       ■ 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       ■ 16. Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.         # 30       ■ 16. Nov 2021 (/checklist/S97675738).	Luke Berg (/profile/MzQxNjc2/L1812260) p      Luke Berg (/profile/MzQxNjc2/L1812260)      Luke Berg (/profile/MzQxNjc2/L1812260) p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       ■ 16. Nov 2021 (/checklist/S97675738).         eagle sp. Accipitridae sp. (eagle sp.)         # 3       ■ 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       ■ 16. Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.       # 30         # 30       ■ 16. Nov 2021 (/checklist/S97675738).         42. Northern Ficker Coloptes auratus(/s ecies/norf i/L1812260).	<ul> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260)</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> </ul>
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       # 16 Nov 2021 (/checklist/S97675738).         eagle sp. Accipitridae sp. (eagle sp.)         # 3       # 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       # 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       # 16 Nov 2021 (/checklist/S97675738).         9         finch sp. Fringillidae sp.         # 30       # 16 Nov 2021 (/checklist/S97675738).         42. Northern Ficker Colaptes auratus(/s ecies/norf i/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505).         # 1       # 5 Nov 2021 (/checklist/S97168505).	<ul> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260)</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> <li>Luke Berg (/profile/MzQxNjc2/L1812260) p</li> </ul>
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260),         # 18         # 18         # 18         # a         # a         # a         # a         # a         # a         # a         # a         # a         # b Nov 2021 (/checklist/S97675738)         # a         # a         # b Nov 2021 (/checklist/S97675738)         # a         # b Nov 2021 (/checklist/S97675738)         # a         # b Nov 2021 (/checklist/S97675738)         # a         # ao         # ao         # b Nov 2021 (/checklist/S97675738)         # ao         # ao         # ao         # ao         # ao         # b Nov 2021 (/checklist/S97675738)         # ao         # b Nov 2021 (/checklist/S97675738)         # a         # ao         # b Nov 2021 (/checklist/S9768505)         # a         # a Mmerican Robin Turdus migratorius(/s ecies/amerob/L1812260).         # a. American Robin Turdus migratorius(/s ecies/amerob/L1812260).	Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260)      Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260) p      Dave Milsomp
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       # 16 Nov 2021 (/checklist/S97675738). p         eagle sp. Accipitridae sp. (eagle sp.)       # 3         # 3       # 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).       # 1         # 1       # 16 Nov 2021 (/checklist/S97675738). p         finch sp. Fringillidae sp.       # 3         # 30       # 16 Nov 2021 (/checklist/S97675738). p         42. Northern F icker Coloptes auratus(/s ecies/norf i/L1812260).       # 1         # 1       # 5 Nov 2021 (/checklist/S97168505). p         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).       # 1         # 1       # 5 Nov 2021 (/checklist/S97168505). p	Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260)      Luke Berg (/profile/MzOxNjc2/L1812260) p      Luke Berg (/profile/MzOxNjc2/L1812260) p      Dave Milsomp
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         eagle sp. Accipitridae sp. (eagle sp.)         # 3       # 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachychynchos(/s ecies/amecro/L1812260).         # 1       # 16. Nov 2021 (/checklist/S97675738).         41. American Crow Corvus brachychynchos(/s ecies/amecro/L1812260).         # 1       # 16. Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.         # 30       # 16. Nov 2021 (/checklist/S97675738).         42. Northern Ficker Colopites auratus(/s ecies/norf i/L1812260).         # 1       # 5. Nov 2021 (/checklist/S97168505).         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       # 5. Nov 2021 (/checklist/S97168505).         44. Dark-sye J nco lunco hyematis(/s ecies/amerob/L1812260).         # 1       # 5. Nov 2021 (/checklist/S97168505).	Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Dave Milsom p  Dave Milsom p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18       ■ 16 Nov 2021 (/checklist/S97675738)         eagle sp. Accipitridae sp. (eagle sp.)         # 3       ■ 16 Nov 2021 (/checklist/S97675738)         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       ■ 16 Nov 2021 (/checklist/S97675738)         41. American Crow Corvus brachythynchos(/s ecies/amecro/L1812260).         # 1       ■ 16 Nov 2021 (/checklist/S97675738)         finch sp. Fringillidae sp.         # 30       ■ 16 Nov 2021 (/checklist/S97675738)         42. Northern Ficker Coloptes auratus(/s ecies/norf i/L1812260).         # 1       ■ 5 Nov 2021 (/checklist/S97168505)         # 3       ■ 5 Nov 2021 (/checklist/S97168505)         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       ■ 5 Nov 2021 (/checklist/S97168505)         # 1       ■ 5 Nov 2021 (/checklist/S97168505)         44. Dark-eye J nco lunco hyematis(/s ecies/amerob/L1812260).	Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Dave Milsom p  Dave Milsom p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         eagle sp. Accipitridae sp. (eagle sp.)         # 3       ■ 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corous brachydrhynchos(/s ecies/amecro/L1812260).         # 1       ■ 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corous brachydrhynchos(/s ecies/amecro/L1812260).         # 1       ■ 16 Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.         # 30       ■ 16 Nov 2021 (/checklist/S97675738).         42. Northern F icker Colopites auratus(/s ecies/amerob/L1812260).         # 1       ■ 5 Nov 2021 (/checklist/S97168505).         # 1       ■ 5 Nov 2021 (/checklist/S97168505).         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       ■ 5 Nov 2021 (/checklist/S97168505).         # 1       ■ 5 Nov 2021 (/checklist/S97168505).         44. Dark-eye J nco lunco hyematis(/s ecies/aej.n/L1812260).         # 1       ■ 5 Nov 2021 (/checklist/S97168505).         45. Re -winge B ackbir. Agelaius phoeniceus(/s ecies/rewb a/L1812260).         # 2       ■ 5 Nov 2021 (/checklist/S97168505).	Luke Berg (/profile/MzOxtNjc2/L1812260) p  Luke Berg (/profile/MzOxtNjc2/L1812260)  Luke Berg (/profile/MzOxtNjc2/L1812260) p  Luke Berg (/profile/MzOxtNjc2/L1812260) p  Dave Milsom p  Dave Milsom p  Dave Milsom p
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         eagle sp. Accipitridae sp. (eagle sp.)         # 3       III 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corous brachychynchos(/s ecies/amecro/L1812260).         # 1       IIII 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corous brachychynchos(/s ecies/amecro/L1812260).         # 1       IIII 16 Nov 2021 (/checklist/S97675738).         finch sp. Fringillidae sp.         # 30       III 16 Nov 2021 (/checklist/S97675738).         42. Northern F icker Colaptes auratus(/s ecies/amerob/L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         44. Dark-sye J nco lunco hyemalis(/s ecies/aei on /L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         45. Re -winge B ackbir_ Agelaius phoeniceus(/s ecies/rewb a/L1812260).         # 2       III 5 Nov 2021 (/checklist/S97168505).         46. Northern Harrier, Circus hudsoniug(/s ecies/northar2/L1812260).         # 2       III 5 Nov 2021 (/checklist/S97168505).	Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Dave Milsom p  Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom
40. San hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         # 18         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # b Nov 2021./(checklist/S97675738)         # a         # a         # a         # a         # a         # b Nov 2021./(checklist/S97675738)         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # a         # b Nov 2021./(checklist/S97168505)         # a         # b Nov 2021./(checklist/S97168505)         # a         # b Nov 2021./(checklist/S97168505)         44.         Dark-	Luke Berg (/profile/MzOxtNjc2/L1812260) p  Luke Berg (/profile/MzOxtNjc2/L1812260)  Luke Berg (/profile/MzOxtNjc2/L1812260) p  Luke Berg (/profile/MzOxtNjc2/L1812260) p  Dave Milsom p  Dave Milsom p  Dave Milsom p
40. San hi Crane Antigone canadensis(/s_ecies/sancra/L1812260).         # 18         # 18         eagle sp. Accipitridae sp. (eagle sp.)         # 3       III 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corrus brachychychochos (/s_ecies/amecro/L1812260).         # 1       IIII 16 Nov 2021 (/checklist/S97675738).         41. American Crow Corrus brachychychochos (/s_ecies/amecro/L1812260).         # 1       IIII 16 Nov 2021 (/checklist/S97675738).         9       finch sp. Fringillidae sp.         # 30       III 16 Nov 2021 (/checklist/S97675738).         42. Northern Ficker Coloptes auratus (/s_ecies/amerob/L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         43. American Robin Turdus migratorius (/s_ecies/amerob/L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         44. Dark-eye J nco Junco hvemalis (/s_ecies/amerob/L1812260).         # 1       IIII 5 Nov 2021 (/checklist/S97168505).         45. Re -winge B ackbir_Agelaius phoeniceus (/s_ecies/rewb a/L1812260).         # 2       IIII 5 Nov 2021 (/checklist/S97168505).         46. Northern Harrier Circus hudsonius (/s_ecies/northar2/L1812260).         # 2       IIII 5 Nov 2021 (/checklist/S97168505).         46. Northern Harrier Circus hudsonius (/s_ecies/northar2/L1812260).         # 1       IIII 4 Nov 2021	Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260) p  Luke Berg //profile/MzQxNjc2/L1812260) p  Dave Milsomp  Dave Milsom  Dave Milsom  C Dave Milsom  C Dave Milsom
40. San. hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 10         # 11         # 11         # 11         # 11         # 11         # 11         # 10         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 12         # 12         # 16.Nov 2021 (/checklist/S97675738)         # 1         # 10         # 11         # 11         # 12.Nov 2021 (/checklist/S97168505)         # 1         # 1         # 1         # 1         # 1         # 1         # 1         # 10         # 10         # 10         # 10         # 10         # 10 <t< th=""><td>Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Dave Milsom p  Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom</td></t<>	Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Luke Berg (/profile/MzOxNjc2/L1812260) p  Dave Milsom p  Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom Dave Milsom
40. San hi Crane Antigone canadensis(/s_ecies/sancra/L1812260).         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 10         # 10         # 11         # 11         # 12         # 11         # 16 Nov 2021 (/checklist/S97675738)         # 1         # 1         # 16 Nov 2021 (/checklist/S97675738)         # 1         # 30         # 16 Nov 2021 (/checklist/S97675738)         # 30         # 10         # 11         # 12 Northern Ficker Colgates auratus(/s ecies/norf i/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         44. Dark-eye J nco lunco hvemalis(/s ecies/amerob/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         45. Re -winge B ackbirAgelaius phoeniceus(/s ecies/rewb a/L1812260).         # 2       # 5 Nov 2021 (/checklist/S97168505) p         46. Nort	<ul> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Dave Milsom p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Douglas .(profile/NDASN)My/L1812260)</li> </ul>
40. San. hi Crane Antigone canadensis(/s ecies/sancra/L1812260).         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 10         # 11         # 11         # 11         # 11         # 11         # 11         # 10         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 12         # 12         # 16.Nov 2021 (/checklist/S97675738)         # 1         # 10         # 11         # 11         # 12.Nov 2021 (/checklist/S97168505)         # 1         # 1         # 1         # 1         # 1         # 1         # 1         # 10         # 10         # 10         # 10         # 10         # 10 <t< th=""><td>Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260) p  Luke Berg //profile/MzQxNjc2/L1812260) p  Dave Milsomp  Dave Milsom  Dave Milsom  C Dave Milsom  C Dave Milsom</td></t<>	Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260)  Luke Berg //profile/MzQxNjc2/L1812260) p  Luke Berg //profile/MzQxNjc2/L1812260) p  Dave Milsomp  Dave Milsom  Dave Milsom  C Dave Milsom  C Dave Milsom
40. San hi Crane Antigone canadensis(/s_ecies/sancra/L1812260).         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 10         # 10         # 11         # 11         # 12         # 11         # 16 Nov 2021 (/checklist/S97675738)         # 1         # 1         # 16 Nov 2021 (/checklist/S97675738)         # 1         # 30         # 16 Nov 2021 (/checklist/S97675738)         # 30         # 10         # 11         # 12 Northern Ficker Colgates auratus(/s ecies/norf i/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         44. Dark-eye J nco lunco hvemalis(/s ecies/amerob/L1812260).         # 1       # 5 Nov 2021 (/checklist/S97168505) p         45. Re -winge B ackbirAgelaius phoeniceus(/s ecies/rewb a/L1812260).         # 2       # 5 Nov 2021 (/checklist/S97168505) p         46. Nort	<ul> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Dave Milsom p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Douglas .(profile/NDASN)My/L1812260)</li> </ul>
<ul> <li>40. San hi Crane Antigone condensis(/s ecies/sancra/L1812260).</li> <li># 18</li> <li># 18</li> <li>16. Nov 2021 (/checklist/S97675738) p</li> <li>eagle Sp. Accipitridae sp. (eagle sp.)</li> <li># 3</li> <li># 1 1 1 16. Nov 2021 (/checklist/S97675738) p</li> <li>finch sp. Fringillidae sp.</li> <li># 30</li> <li>16. Nov 2021 (/checklist/S97675738) p</li> <li>finch sp. Fringillidae sp.</li> <li># 30</li> <li>16. Nov 2021 (/checklist/S97675738) p</li> <li>42. Northern Ficker Coloptes auratus(/s ecies/amerob/L1812260).</li> <li># 1</li> <li># 5. Nov 2021 (/checklist/S97655738) p</li> <li>43. American Robin Turdus migratorius(/s ecies/amerob/L1812260).</li> <li># 1</li> <li># 5. Nov 2021 (/checklist/S97168505) p</li> <li>44. Dark-eye J nco funco hyematics(/s ecies/amerob/L1812260).</li> <li># 1</li> <li># 5. Nov 2021 (/checklist/S97168505) p</li> <li>44. Northern Harrier Circus hudsonius(/s ecies/norba/L1812260).</li> <li># 1</li> <li># 1. 1 2021 (/checklist/S97168505) p</li> <li>44. Northern Harrier Circus hudsonius(/s ecies/norba/L1812260).</li> <li># 1</li> <li># 1 1 41 41 41 41 41 41 41 41 41 41 41 41</li></ul>	<ul> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Luke Berg .(profile/MzOxNjc2/L1812260) p</li> <li>Dave Milsom p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Douglas .(profile/NDASN)My/L1812260)</li> </ul>
40. San hi Crane Antigone canadensis (/s ecies/sancra/L1812260).         # 18         B 16 Nov 2021 (/checklist/S97675738)         P cagle Sp. Accipitridae sp. (eagle sp.)         # 3         B 16 Nov 2021 (/checklist/S97675738)         41. American Crow Corvus brachythyachos (/s ecies/amecro/L1812260).         # 1       B 16 Nov 2021 (/checklist/S97675738)         Finch sp. Fringillidae sp.         # 30       B 16 Nov 2021 (/checklist/S97675738)         42. Northern F icker Colgates auratus (/s ecies/norf i/L1812260).         # 1       B 5 Nov 2021 (/checklist/S97168505)         # 2       B 5 Nov 2021 (/checklist/S97168505)         # 3       S Nov 2021 (/checklist/S9711928)         # 4       B 4 Nov 2021 (/checklist/S9711928)         # 4       B 4 Nov 2021 (/checklist/S9711928)         # 4       B 4 Nov	<ul> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Dave Milsomp</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Dave Mi</li></ul>
<ul> <li>40. San hi Crane Antigone canadensis (/s ecies/sancra/L1812260).</li> <li># 18</li> <li># 18</li> <li># 16 Nov 2021 (/checklist/S97675738)</li> <li>P</li> <li>eagle Sp. Accipitridoe sp. (eagle sp.)</li> <li># 3</li> <li># 1 fs Nov 2021 (/checklist/S97675738)</li> <li>41. American Crow Conves brachychyschos (/s ecies/amecro/L1812260).</li> <li># 1</li> <li># 1</li> <li># 16 Nov 2021 (/checklist/S97675738)</li> <li>P</li> <li>finch sp. Fringillidoe sp.</li> <li># 30</li> <li># 16 Nov 2021 (/checklist/S97675738)</li> <li>P</li> <li>42. Northern F icker Colastes auratus (/s ecies/amecro/L1812260).</li> <li># 1</li> <li># 5 Nov 2021 (/checklist/S97168505)</li> <li>P</li> <li>43. American Robin Turdus migratorius (/s ecies/amerob/L1812260).</li> <li># 1</li> <li># 5 Nov 2021 (/checklist/S97168505)</li> <li>P</li> <li>44. Dark-eye J nco funco hvernatis (/s ecies/aej nn/L1812260).</li> <li># 1</li> <li># 5 Nov 2021 (/checklist/S97168505)</li> <li>P</li> <li>45. Re-winge B ackbir_Agetaius phoeniceus (/s ecies/rewb a/L1812260).</li> <li># 2</li> <li># 5 Nov 2021 (/checklist/S97168505)</li> <li>P</li> <li>46. Northern Harrier Circus hudsonius (/s ecies/conhar/L1812260).</li> <li># 1</li> <li># 4 Nov 2021 (/checklist/S97119926) p</li> <li>47. Coo er's Hawk Accipiter cooperil (/s ecies/conhar/L1812260).</li> <li># 1</li> <li># 4 Nov 2021 (/checklist/S97119926) p</li> <li>48. Er o ean Star ing Sturmus vulgaris (/s ecies/conhar/L1812260).</li> <li># 4</li> <li># 4 Nov 2021 (/checklist/S97119926) p</li> <li>49. Common Grack e Outicolus quiscula (/s ecies/conhar/L1812260).</li> <li># 4</li> <li># 4 Nov 2021 (/checklist/S97119928) p</li> </ul>	<ul> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Luke Berg //profile/MzQxNjc2/L1812260)</li> <li>Dave Milsomp</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Douglas //profile/NDASNjMy/L1812260)</li> <li>C Douglas //profile/NDASNjMy/L1812260)</li> <li>C Douglas //profile/NDASNjMy/L1812260)</li> </ul>
<ul> <li>40. San hi Crane Antigune canademis(/s ecies/sancr/L1812269) <ul> <li># 18</li> <li>16 Nov 2021 (/checklist/S97675738)</li> </ul> </li> <li>eagle sp. Accipitridee sp. (eegle sp.) <ul> <li># 3</li> <li>1 Nov 2021 (/checklist/S97675738)</li> </ul> </li> <li>41. American Crow Corvus brachychynchos(/s ecies/america/L1812260) <ul> <li># 1</li> <li>1 1</li> <li>16 Nov 2021 (/checklist/S97675738)</li> </ul> </li> <li>42. Northern F icker Coloptes auratus(/s ecies/norf i/L1812260) <ul> <li># 1</li> <li>1 1</li> <li>1 Nov 2021 (/checklist/S97168505)</li> </ul> </li> <li>43. American Robin Turdus migratorius(/s ecies/america/L1812260) <ul> <li># 1</li> <li>1 1</li> <li>1 Nov 2021 (/checklist/S97168505)</li> </ul> </li> <li>44. Dark-eye J nco tunco hyennics(/s ecies/america/L1812260) <ul> <li># 1</li> <li>1 1</li> <li>1 Nov 2021 (/checklist/S97168505)</li> </ul> </li> <li>44. Dark-eye J nco tunco hyennics(/s ecies/america/L1812260) <ul> <li># 1</li> <li>1 1</li> <li>1 Nov 2021 (/checklist/S97168505)</li> </ul> </li> <li>45. Re -winge B ackbir _doptionics(/s ecies/rewb a/L1812260) <ul> <li># 2</li> <li>1 1</li> <li>1 1</li> <li>1 Nov 2021 (/checklist/S97119928)</li> </ul> </li> <li>46. Northern Harrier Circus hudsonics(/s ecies/contrat/L1812260) <ul> <li># 1</li> <li>1 4 Nov 2021 (/checklist/S97119928)</li> <li>47. Coo er's Hawk Accipiter coopenti(/s ecies/contrat/L1812260) </li> <li># 1</li> <li>4 Nov 2021 (/checklist/S97119928)</li> <li>44. 1 4 Nov 2021 (/checklist/S97119928)</li> <li>45. Common Grack e Quiscalts guisculu (/s ecies/compar/L1812260) </li> <li># 4</li> <li>4 Nov 2021 (/checklist/S97119928)</li> <li>48. Ero ean Star ing Stumus vulgatis(/s ecies/compar/L1812260) </li> <li># 1</li> <li>4 Nov 2021 (/checklist/S97119928)</li> <li>49. Common Grack e Quisculta guisculu (/s ecies/compar/L1812260) </li> <li># 1</li> <li>4 Nov 2021 (/checklist/S97119928)</li> <li>40. Eco Kingfisher Megacevite alcount(/s ecies/compar/L1812260) </li> <li># 1</li> <li>4 Nov 2021 (/checklist/S97119928)</li> <li>40. Eco Kingfish</li></ul></li></ul>	<ul> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Dauglas (/profile/MDASN/My/L1812260).</li> </ul>
40. San hi Crane Antigone condensis(/s ecies/sancra/L1812269)         # 18         # 18         # 18         # 18         # 18         # 18         # 18         # 19         # 10         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 12         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 12         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11         # 11 <td><ul> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Dauglas (/profile/MDASN/My/L1812260).</li> </ul></td>	<ul> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260).</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Luke Berg (/profile/MzGxNijc2/L1812260). p</li> <li>Dave Milsom p</li> <li>Dave Milsom</li> <li>Dave Milsom</li> <li>C Dauglas (/profile/MDASN/My/L1812260).</li> </ul>

	1	₩ <u>22 Oct 2021 (/checklist/S96554355)</u> <b>b</b>	C Douglas (/profile/NDA5NjMy/L1812260)
53. <u>Trke</u> # 5	s <mark>ey V t re</mark> <u>Cathartes aura(/species/t rv /L</u>	1812260) 聞 22 Oct 2021 //checklist/S96554355)	CDouglas (/profile/NDASNj/My/L1812260)
	o sp. Buteo sp.		<ul> <li><u>a sangas (composed orginy) si a neodi</u></li> </ul>
# 5		22 Oct 2021 (/checklist/\$96554355) b	CDouglas (/profile/NDASNjMy/L1812260) b
54. <u>R y</u> # 2	y-crowned King et Corthylio calendula(/speci	es/r_ckin/L1812260) 聞 22.Oct.2021.//checklist/S96554355) ▶	• C Davidar (/wwfile/NDAENiM4/11917360) ►
	<u>k Pigeon</u> Columba livia(/species/rocpig/L18		CDouglas (/profile/NDA5NjMy/L1812260) b
# 10		■ 9.Jan 2021_(/checklist/S78940408)	Luke Berg (/profile/MzOxNic2/L1812260)
56. <u>Eveni</u>	ning Gros eak Coccothraustes vespertinus(/spe	<u>cies/evegro/L1812260)</u>	
# 1		₩ <u>29 Dec 2020 (/checklist/S78220629)</u> b	Luke Berg (/profile/MzQxNjc2/L1812260) b
wood # 1	dpecker sp. <i>Picidae sp.</i> I	🗰 29 Dec 2020 (/checklist/S78201771) b	Luke Berg (/profile/MzQxNic2/L1812260)
57. <u>Wood</u>	od D ck Aix sponsa(/species/wood c/L1812		
# 4	1	# 29 Oct 2020.(/checklist/S75567969)	<u>Matthew Tobey (/profile/Mjc4MTE2/L1812260)</u>
	ater Ye ow bgs Tringa melanoleuca(/species/		
# 1		<u>н 29 Oct 2020 (/checklist/S75567969)</u> b	Matthew Tobey (/profile/Mijc4MTE2/L1812260)
59. <u>cap a</u> # 1	and Longsp r Calcarius lapponicus(/species/	<u>■ 29 Oct 2020 (/checklist/S75567969)</u> <b>b</b>	Atthew Tobey (/profile/Mjc4MTE2/L1812260)
60. <u>rant</u>	nt Branta bernicla(/species/ rant/L1812260)		
# 52		₩ 24 Oct 2020 (/checklist/S75361676) b	Matthew Tobey (/profile/Mic4MTE2/L1812260)
61. <u>Amer</u> # 7	erican ack D ck Anas rubripes(/species/am	<u>l d c/L1812260)</u> Ħ 24 <u>Oct 2020 (/checklist/S75361676)</u> b	Matthew Tobey (/profile/Mic4MTE2/L1812260)
	thern Pintai Anas acuta(/species/norpin/L1		
# 37		₩ 24 Oct 2020 (/checklist/S75361676)	Matthew Tobey [/profile/Mic4MTE2/L1812260]
	te-winged Scoter Melanitta deglandi(/species		
# 17		<u>₩</u> 24 Oct 2020 (/checklist/\$75361676) b	Matthew Tobey (/profile/Mijc4MTE2/L1812260) b
Comr # 1	imon/Red-breasted Merganser Mergus mergal	nser/serrator # 24 Oct 2020 (/checklist/S75361676) b	▲ Matthew Tobey (/profile/Mic4MTE2/L1812260) b
64. <u>Amer</u>	erican Go den-P over Pluvialis dominica(/spec	<u>cies/amgp o/L1812260)</u>	
# 5	5	# <u>24 Oct 2020 (/checklist/S75361676)</u>	Matthew Tobey (/profile//Mjc4MTE2/L1812260).
65. <u>Do</u>	e-crested Cormorant Nannopterum auritum	(/species/doccor/L1812260)	
		-	
# 9	)	24 Oct 2020 (/checklist/S75361676) b	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
	) ned Lark Eremophila alpestris(/species/hor ar,	24 Oct 2020 (/checklist/S75361676) b	
66. <b></b> # 28	) ned Lark Eremophila alpestris(/species/hor ar,		A Matthew Tobey (/profile/Mjc4MTE2/L1812260)
66. <b></b> # 28	9 ned Lark Eremophila alpestris(/species/hor ar, 28 te-crowned Sparrow Zonotrichia leucophrys(/:		A Matthew Tobey (/profile/Mjc4MTE2/L1812260)
66 # 28 67. <u>White</u> # 4	9 ned Lark Eremophila alpestris(/species/hor ar, 28 te-crowned Sparrow Zonotrichia leucophrys(/s 1 1 w-r mped War er Setophaga coronata(/spe	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       # 24 Oct 2020 //checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b	Matthew Tobey (/profile/Mjc4MTE2/L1812260)      Matthew Tobey (/profile/Mjc4MTE2/L1812260)      Matthew Tobey (/profile/Mjc4MTE2/L1812260)
66 # 28 67. <u>White</u> # 4 68. <u>Ye ov</u> # 2	9 ned Lark Eremophila alpestris(/species/hor ar, 28 te-crowned Sparrow Zonotrichia leucophrys(/s 1 1 w-r mped War er Setophaga coronata(/spe		Matthew Tobey /(profile/Mijc4MTE2/L1812260)     Matthew Tobey /(profile/Mijc4MTE2/L1812260)
66# 28 67. White # 4 68. <u>Ye ov</u> # 2	a ned Lark Eremophila alpestris(/species/hor ar, 28 te-crowned Sparrow Zonotrichia leucophrys(/s 1 bw-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis//sp		Matthew Tobey (/profile/Mjc4MTE2/L1812260)      Matthew Tobey (/profile/Mjc4MTE2/L1812260)      Matthew Tobey (/profile/Mjc4MTE2/L1812260)
<ul> <li>66</li></ul>	9 ned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophrys(/s 4 5 5 5 5 5 5 5 5 5 5 5 5 5	<sup>1</sup> 24 Oct 2020 (/checklist/S75361676). b <sup>1</sup> 18 Oct 2020 (/checklist/S75361676). b <sup>1</sup> 18 Oct 2020 (/checklist/S75058724). b <sup>1</sup> 24 Oct 2020 (/checklist/S75058724). b	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophrys(/s pow-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis(/sp 3 g Sparrow Melaspiza meladia(/species/sonsp 1	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         ccies/yerwar/L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         ccies/whtspa/L1812260)       #         # 18 Oct 2020 (/checklist/S75358724)       b         a/L1812260)       #         # 18 Oct 2020 (/checklist/S75058724)       b	Matthew Tobey /(profile/Mic4MTE2/L1812260)      Matthew Tobey /(profile/Mic4MTE2/L1812260)      Matthew Tobey /(profile/Mic4MTE2/L1812260)      Matthew Tobey /(profile/Mic4MTE2/L1812260)
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophcys(/s 29 bw-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis(/sp 2 g Sparrow Melospiza melodia(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sw	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         ccies/yerwar/L1812260)       #         # 24 Oct 2020 (/checklist/S75361676)       b         ccies/whtspa/L1812260)       #         # 18 Oct 2020 (/checklist/S75358724)       b         a/L1812260)       #         # 18 Oct 2020 (/checklist/S75058724)       b	Matthew Tobey /(profile/Mijc4MTE2/L1812260)
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophcys(/s 29 bw-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis(/sp 2 g Sparrow Melospiza melodia(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sw	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 36 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b	Matthew Tobey /(profile/Mijc4MTE2/L1812260)
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophrys(/s 1 bw-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis(/spe 2 g Sparrow Melospiza melodia(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sw 1 ern e ird Sialia sialis(/species/eas /L1	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 36 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/yerwar/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b	Matthew Tobey /(profile/Mijc4MTE2/L1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar. 283 te-crowned Sparrow Zonotrichia leucophrys(/s 1 bw-r mped War er Setophaga coronata(/species/ 2 te-throated Sparrow Zonotrichia albicollis(/species/sonsp 1 g Sparrow Melospiza melodia(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sw 1 ern e ird Sialia sialis(/species/eas /L1 1 1 1 1 1 1 1 1 1 1 1 1 1	# 24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75358724)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 18 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 18 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 38 Oct 2020 (/checklist/S74705222)       b	Matthew Tobey [/profile/Mjc4MTE2/L1812260]
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar, 18 te-crowned Sparrow Zonotrichia leucophrys(/s bw-r mped War er Setophaga coronata(/species/ te-throated Sparrow Zonotrichia albicollis(/species/ g Sparrow Melospiza meladia(/species/sonspecies/ mp Sparrow Melospiza georgiana(/species/swith ern e ird Stalta stalts(/species/eas /L1 sping Sparrow Spizella passerina(/species/chi	# 24 Oct 2020 (/checklist/S75361676)       b         //L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 38 Oct 2020 (/checklist/S74705222)       b         staspa/L1812260)       # 31 Oct 2020 (/checklist/S74705222)       b	Matthew Tobey [/profile/Mjc4MTE2/L1812260]
<ul> <li>66</li></ul>	aned Lark Eremophila alpestris(/species/hor ar, 28 te-crowned Sparrow Zonotrichia leucophrys(/s 3 bw-r mped War er Setophaga coronata(/spe 2 te-throated Sparrow Zonotrichia albicollis(/sp 3 g Sparrow Melospiza georgiana(/species/sonsp 4 mp Sparrow Melospiza georgiana(/species/sonsp 4 ern e ird Sialia sialis(/species/eas /L1 1 sping Sparrow Spizella passerina(/species/ch 1 ern Phoe_e Sayarnis phoebe(/species/easpho	# 24 Oct 2020 (/checklist/S75361676)       b         //L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         scies/whtspa/L1812260)       # 38 Oct 2020 (/checklist/S75058724)       b         staspa/L1812260)       # 38 Oct 2020 (/checklist/S74705222)       b         staspa/L1812260)       # 31 Oct 2020 (/checklist/S74705222)       b	Matthew Tobey [/profile/Mjc4MTE2/L1812260]
66.	aned Lark Eremophila alpestris(/species/hor ar. 18 te-crowned Sparrow Zanatrichia leucophrys(/s 19 20 20 21 21 22 22 23 24 24 25 25 25 25 25 26 27 27 27 29 29 29 29 29 29 29 20 20 20 20 20 20 20 20 20 20	# 24 Oct 2020 (/checklist/S75361676)       b         //L1812260).       # 24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260).       # 24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260).       # 24 Oct 2020 (/checklist/S75361676)       b         secies/whtspa/L1812260).       # 18 Oct 2020 (/checklist/S75058724)       b         sat/1812260).       # 18 Oct 2020 (/checklist/S75058724)       b         sat/1812260).       # 18 Oct 2020 (/checklist/S75058724)       b         sapa/L1812260).       # 11 Oct 2020 (/checklist/S75058724)       b         stapa/L1812260).       # 11 Oct 2020 (/checklist/S75058724)       b         stapa/L1812260).       # 11 Oct 2020 (/checklist/S74705222).       b         sipa/L1812260).       # 11 Oct 2020 (/checklist/S74705222).       b         sitz260).       # 11 Oct 2020 (/checklist/S74705222).       b         sitz260).       # 11 Oct 2020 (/checklist/S74705222).       b         sitz260).       # 11 Oct 2020 (/checklist/S74705222).       b         sitz260). </td <td>Matthew Tobey (/profile/Mjc4MTE2/L1812260)      Matthew Tobey (/profile/Mjc4MTE2/L1812260)</td>	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar. 28 te-crowned Sparrow Zonotrichia leucophrys(/s bw-r mped War er Setophaga coronata(/species/ coronatad/sparrow Zonotrichia albicollis(/species/ te-throated Sparrow Zonotrichia albicollis(/species/sonsp g Sparrow Melospiza metodia(/species/sonsp mp Sparrow Melospiza georgiana(/species/sonsp mp Sparrow Melospiza georgiana(/species/sonsp mp Sparrow Melospiza georgiana(/species/sonsp tern e ird Sialia sialis(/species/eas_/L1 sping Sparrow Spizella passerina(/species/easphr tern Phoe_e Sayornis phoebe(/species/easphr tern Phoe_e Vireo gilvus(/species/warvir/L18	#       24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         species/whcspa/L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         scies/yerwar/L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         scies/whcspa/L1812260)       #       34 Oct 2020 //checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 //checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 //checklist/S75058724)       b         staspa/L1812260)       #       18 Oct 2020 //checklist/S75058724)       b         staspa/L1812260)       #       11 Oct 2020 //checklist/S7405222)       b         staspa/L1812260)       #       3 Jun 2020 //checklist/S70242204)       b         staspa/L1812260)       #       3 Jun 2020 //checklist/S70242204)       b	<ul> <li>Matthew Tobey //profile/Mijc4MTE2/L1812260)</li> </ul>
66.	aned Lark Eremophila alpestris(/species/hor ar, 18 18 19 20 20 20 20 20 21 22 22 23 24 24 25 25 25 25 25 25 26 27 27 27 27 27 28 29 29 29 29 20 20 20 20 20 20 20 20 20 20	#       24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         species/whcspa/L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         scies/yerwar/L1812260)       #       24 Oct 2020 //checklist/S75361676)       b         scies/whcspa/L1812260)       #       34 Oct 2020 //checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 //checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 //checklist/S75058724)       b         staspa/L1812260)       #       18 Oct 2020 //checklist/S75058724)       b         staspa/L1812260)       #       11 Oct 2020 //checklist/S7405222)       b         staspa/L1812260)       #       3 Jun 2020 //checklist/S70242204)       b         staspa/L1812260)       #       3 Jun 2020 //checklist/S70242204)       b	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar, 18 18 19 20 20 20 20 20 21 22 22 23 24 24 25 25 25 25 25 25 26 27 27 27 27 27 28 29 29 29 29 20 20 20 20 20 20 20 20 20 20	#       24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 (/checklist/S75361676)       b         #       18 Oct 2020 (/checklist/S75361676)       b       b         a/L1812260)       #       18 Oct 2020 (/checklist/S75058724)       b         #       18 Oct 2020 (/checklist/S75058724)       b       b         a/L1812260)       #       18 Oct 2020 (/checklist/S75058724)       b         #       18 Oct 2020 (/checklist/S74705222)       b       b         stazeo)       #       11 Oct 2020 (/checklist/S74705222)       b         stazeo)       #       11 Oct 2020 (/checklist/S74705222)       b         stazeo)       #       11 Oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b	<ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul>
66.	aned Lark Eremophila algestris(/species/hor ar. 283 te-crowned Sparrow Zonotrichia leucophrys(/si 299 2007 r mped War er Setophaga coronata(/species/ 2007 r mped War er Setophaga coronata(/species/sonsp 2007 r mped War er Setophaga georgiana(/species/sonsp 2007 r melospiza georgiana(/species/easphr 2007 r melospiza georgiana(/species/easphr 2007 r melospiza georgiana(/species/easphr 2007 r melospiza gituus(/species/warvir/L13 2007 r melospiza georgiana(/species/r r mov /L18122 2007 r melospiza r minor(/species/ar	#       24 Oct 2020 (/checklist/S75361676)       b         /L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24 Oct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       31 Oct 2020 (/checklist/S75361676)       b         #       18 Oct 2020 (/checklist/S75361676)       b       b         a/L1812260)       #       18 Oct 2020 (/checklist/S75058724)       b         #       18 Oct 2020 (/checklist/S75058724)       b       b         a/L1812260)       #       18 Oct 2020 (/checklist/S75058724)       b         #       18 Oct 2020 (/checklist/S74705222)       b       b         stazeo)       #       11 Oct 2020 (/checklist/S74705222)       b         stazeo)       #       11 Oct 2020 (/checklist/S74705222)       b         stazeo)       #       11 Oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b         stazeo)       #       10 oct 2020 (/checklist/S70242204)       b	Matthew Tobey /(profile/Mjc4MTE2/L1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar. 283 te-crowned Sparrow Zonotrichia leucophrys(/s 1 bw-r mped War er Setophaga coronata(/species/ 2 te-throated Sparrow Zonotrichia albicollis(/species/sonsp 2 g Sparrow Melospiza melodia(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sonsp 1 mp Sparrow Melospiza georgiana(/species/sonsp 1 mp Sparrow Spizella passerina(/species/sonsp 1 sping Sparrow Spizella passerina(/species/sonsp 1 mp Phoe e Sayornis ghoebe(/species/easphe 2 ing Vireo Vireo gilvus(/species/warvir/L18 1 erd Ow Strix varia(/species/ rdow /L18122 1 sping Sparrow Spizella gasserina(/species/ar 1 by ack ird Euphagus carolinus(/species/r s	#       24.0ct.2020 (/checklist/S75361676)       b         /L1812260)       #       24.0ct.2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24.0ct.2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24.0ct.2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       24.0ct.2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct.2020 (/checklist/S75358724)       b         statistics/scies/whtspa/L1812260)       #       18.0ct.2020 (/checklist/S75058724)       b         statistics/scies/whtspa/L1812260)       #       18.0ct.2020 (/checklist/S75058724)       b         statistics/scies/whtspa/L1812260)       #       18.0ct.2020 (/checklist/S74705222)       b         statistics/scies/	Matthew Tobey /(profile/Mjc4MTE2/L1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar. 183 184 185 185 185 185 19 19 19 19 19 19 19 19 19 19 19 19 19	#       24.0ct 2020 (/checklist/S75361676)       b         //L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         a/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         spac/L1812260)       #       19.0ct 2020 (/checklist/S75058724)       b         spac/L1812260)       #       11.0ct 2020 (/checklist/S74705222)       b         spac/L1812260)       #       19.1un 2020 (/checklist/S74705222)       b         sta2260)       #       19.1un 2020 (/checklist/S63328073)       b         sta2260)       #       12.1an 2020 (/checklist/S61046590)       b         sta21.1un 2020 (/checklist/S61046590) <td< td=""><td>Matthew Tobey /(profile/Mjc4MTE2/L1812260)      Matthew Tobey /(profile/M</td></td<>	Matthew Tobey /(profile/Mjc4MTE2/L1812260)      Matthew Tobey /(profile/M
66.	aned Lark Eremophila algestris(/species/hor ar. 183 184 185 185 185 185 185 185 185 185 185 185	#       24.0ct 2020 (/checklist/S75361676)       b         //L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         a/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         spac/L1812260)       #       19.0ct 2020 (/checklist/S75058724)       b         spac/L1812260)       #       11.0ct 2020 (/checklist/S74705222)       b         spac/L1812260)       #       19.1un 2020 (/checklist/S74705222)       b         sta2260)       #       19.1un 2020 (/checklist/S63328073)       b         sta2260)       #       12.1an 2020 (/checklist/S61046590)       b         sta21.1un 2020 (/checklist/S61046590) <td< td=""><td><ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul></td></td<>	<ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul>
66.       Image: Constraint of the sector of t	aned Lark Eremophila algestris(/species/hor ar. 183 184 185 185 185 185 185 185 185 185 185 185	#       24.0ct 2020 (/checklist/S75361676)       b         //L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         a/L1812260)       #       18.0ct 2020 (/checklist/S75058724)       b         species/whtspa/L1812260)       #       11.0ct 2020 (/checklist/S75058724)       b         spap/L1812260)       #       11.0ct 2020 (/checklist/S75058724)       b         spap/L1812260)       #       11.0ct 2020 (/checklist/S74705222)       b         spap/L1812260)       #       12.1an 2020 (/checklist/S61046530)       b         spap/L1812260)       #       30.0ct 2019 (/checklist/S61046530)       b         spap/L1812260)	<ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul>
66.       Image: Constraint of the sector of t	aned Lark Eremophila alpestris(/species/hor ar. 183 184 185 185 185 185 185 19 19 19 19 19 19 19 19 19 19 19 19 19	#       24.0ct 2020 (/checklist/S75361676)       b         //L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       #       24.0ct 2020 (/checklist/S75361676)       b         scies/whtspa/L1812260)       #       18.0ct 2020 (/checklist/S75358724)       b         a/L1812260)       #       18.0ct 2020 (/checklist/S75058724)       b         species/whtspa/L1812260)       #       11.0ct 2020 (/checklist/S75058724)       b         spap/L1812260)       #       11.0ct 2020 (/checklist/S75058724)       b         spap/L1812260)       #       11.0ct 2020 (/checklist/S74705222)       b         spap/L1812260)       #       12.1an 2020 (/checklist/S61046530)       b         spap/L1812260)       #       30.0ct 2019 (/checklist/S61046530)       b         spap/L1812260)	<ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul>
66.       Image: Constraint of the sector of t	aned Lark Eremophila alpestris(/species/hor ar. 18 te-crowned Sparrow Zanatrichia leucophrys(/si 19 20 20 21 22 22 24 25 25 29 29 29 29 29 29 29 29 29 29	# 24.04.2020 (/checklist/S75361676)       b         // L1812260)       # 24.04.2020 (/checklist/S75361676)       b         species/whcspa/L1812260)       # 24.04.2020 (/checklist/S75361676)       b         scies/yerwar/L1812260)       # 24.04.2020 (/checklist/S75361676)       b         scies/whcspa/L1812260)       # 18.04.2020 (/checklist/S75358724)       b         scies/whcspa/L1812260)       # 18.04.2020 (/checklist/S75058724)       b         staspa/L1812260)       # 18.04.2020 (/checklist/S75058724)       b         staspa/L1812260)       # 11.04.2020 (/checklist/S75058724)       b         staspa/L1812260)       # 11.04.2020 (/checklist/S74705222)       b         staspa/L1812260)       # 11.04.2020 (/checklist/S63328073)       b         staspa/L1812260)       # 12.1an.2020 (/checklist/S610465590)       b         staspa/L1812260)       # 12.1an.2020 (/checklist/S610465590)       b         staspa/L1812260)       # 12.1an.2020 (/checklist/S610465590)       b	Matthew Tobey (/grofile/MijdMTE2/1812260)
66.	aned Lark Eremophila alpestris(/species/hor ar. 18 te-crowned Sparrow Zanatrichia leucophrys(/si 19 20 20 21 22 22 24 25 25 29 29 29 29 29 29 29 29 29 29	# 24.0ct 2020 (/checklist/S75361676)       •         /L1812260)       # 24.0ct 2020 (/checklist/S75361676)       •         species/whcspa/L1812260)       # 24.0ct 2020 (/checklist/S75361676)       •         scies/yerwar/L1812260)       # 24.0ct 2020 (/checklist/S75361676)       •         scies/whcspa/L1812260)       # 24.0ct 2020 (/checklist/S75361676)       •         scies/whcspa/L1812260)       # 36.0ct 2020 (/checklist/S75058724)       •         sa/L1812260)       # 31.0ct 2020 (/checklist/S75058724)       •         sipsp/L1812260)       # 31.0ct 2020 (/checklist/S75058724)       •         sipsp/L1812260)       # 31.0ct 2020 (/checklist/S74705222)       •         sipsp/L1812260)       # 31.0ct 2020 (/checklist/S6328073)       •         sitz260)       # 31.0ct 2020 (/checklist/S61046590)       •         sitz260)       # 31.0ct 2019 (/checklist/S61046590)       •         sitz260)       # 30.0ct 2019 (/checklist/S61046590)       •         sitz260)       # 30.0ct 2019 (/checklist/S51046590)       •         sitz260)       # 30.0	<ul> <li>Matthew Tobey /(profile/Mijc4MTE2/L1812260)</li> </ul>

83. Balti O i l (cterus galbula(/sp i s/bal i/ 1 12260) # 1	▲ Matthew Tobey (/profile/Mjc4MTE2/L1812260) L
84. <u>Black-and-whit Wa bl</u> <u>Mniotilia varia(/sp ci s/bawwa / 1812260)</u> # 1 # 1 ■ 30 Jun 2019.(/checklist/S57823716)	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
85. C nYII wth at Geothlyzis trichas(/sp ci s/may // 1812260)	
# 3	<u>Matthew Tobey (/profile/Mjc4MTE2/L1812260)</u>
86. Y II w Wa bl Setophaga petechia(/sp. ci s/y Iwa / 1812260)	
# 1	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
87. Ch stnut-sid d Wa bl Setophaga_pensylvanica(/spci_s/chswa / 1812260)	
# 1 30 Jun 2019 (/checklist/S57823716)	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
88. <u>B ad-wing d Hawk Buteo platypterus(/sp ci s/b whaw/ 1812260)</u>	
# 1 🛱 <u>27 Apr 2019 (/checklist/S55521023)</u> L	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
89. Pi d-bill d G b Podilymbus podiceps(/sp ci s/pibg / 1812260)	
# 1	Matthew Tobey (/profile/Mjc4MTE2/L1812260) L
90. <mark>Y II w-b IIi d Sapsuck</mark> <u>Sphyrapicus varius(/sp_ ci_s/y_bsap/_1812260)</u>	
# 2 🛱 <u>24 Apr 2019 (/checklist/S55368484)</u> L	<u>Matthew Tobey (/profile/Mjc4MTE2/L1812260)</u> L
91. <u>B wn Th ash</u> <u>Toxostoma rufum(/sp ci s/b nth / 1812260)</u>	
# 1 🛱 <u>24 Apr 2019 (/checklist/555368484)</u> L	Matthew Tobey (/profile/Mjc4MTE2/L1812260)
92. <u>Mou ning D v Zenaida macroura(/sp ci s/ ud v/ 1812260)</u>	
# 2 🛱 24 Jun 2015 (/checklist/S24056310) L	L Donald A. Sutherland
93. <u>Wils n's Snip_</u> <i>Gallinago delicata</i> (/sp_ci_s/wilsni1/_1812260),	••• ······
# 3 🛱 24 Jun 2015 (/checklist/S24056310) L	L Donald A. Sutherland
94. <u>East n W d-P we Contopus virens(/sp ci s/ awp w/ 1812260)</u>	Denald A Sutherland
# 7 🛗 24 Jun 2015 (/checklist/S24056310) L	Donald A. Sutherland
95. <u>Ald Flycatch</u> Empidonax alnorum(/sp ci s/aldfly/ 1812260), L # 1	L Donald A. Sutherland L
	👝 Donaio A. Sutiletidita L
96. <u>G at C st d Flycatch</u> <u>Myiarchus crinitus(/sp ci s/g.cfly/ 1812260)</u> # 3	Donald A. Sutherland L
97. <u>Blu -h ad d Vi</u> <u>Vireo solitarius(/sp ci s/buhvi / 1812260)</u> # 1	L Donald A. Sutherland L
98. T Swall w Tachycineta bicolor (/sp ci s/t swa/ 1812260)	
# 2	L Donald A. Sutherland
99. V y Catharus fuscescens(/sp ci s/v y/ 1812260)	
# 7	Donald A. Sutherland
100. He tTh ush Latherus guttatus(/sp ci s/h th / 1812260)	
# 5	L Donald A. Sutherland L
101. <mark>Fi ld Spa w</mark> <u>Spizella pusilla(/sp ci s/fi spa/ 1812260)</u>	
# 3	L Donald A. Sutherland
102. <u>B wn-h ad d C wbi d</u> Molothrus ater(/sp ci s/bnhc w/ 1812260)	
# 1 🗰 <u>24 Jun 2015 (/checklist/S24056310)</u> L	Donald A. Sutherland
103. <u>Ov nbi d</u> <u>Seiurus aurocapilla(/sp_ci_s/_v_nbi1/_1812260)</u>	
# 6 🛱 24 Jun 2015 (/checklist/S24056310). L	L Donald A. Sutherland
104. Nashvill Wa bl Leiothlypis ruficapilla(/sp ci s/naswa / 1812260)	
# 1 🛗 24 Jun 2015 (/checklist/S24056310) L	L Donald A. Sutherland
105. <u>A ican R dsta t</u> <u>Setophaga ruticilla(/sp ci s/a d/ 1812260)</u>	••• ······
# 2 🛗 24 Jun 2015 (/checklist/S24056310)	L Donald A. Sutherland
106. <u>Magn lia Wa bl</u> <u>Setophaga magnolia(/sp ci s/ gwa /a1812260)</u>	Denald A Sutherland I
# 1 🛗 24 Jun 2015 (/checklist/S24056310) L	L Donald A. Sutherland L
107.         Black-th         at         Blu         Wa         J         Setophaga caerulescens(/sp. ci         s/btbwa / 1812260)           #         2         #         24 Jun 2015 (/checklist/S24056310)         L	L Donald A. Sutherland L
108. Pin Wa bl Setophaga pinus(/sp ci s/pinwa / 1812260) # 5	L Donald A. Sutherland
109. Black-th at d G n Wa bl <u>Setophaga virens(/sp ci s/btnwa / 1812260)</u>	
109. <u>Black-th at d G n wa bi</u> <u>Setophaga virens</u> (/ <u>Sp ci s/bthwa / 1812260)</u> # 4	L Donald A. Sutherland
110. <u>Sca I t Tanag</u> <u>Piranga olivacea(/sp_ci_s/scatan/_1812260)</u>	
# 2 <b>#</b> 24 Jun 2015 (/checklist/S24056310) L	L Donald A. Sutherland L
111. R s -b ast d G sb ak Pheucticus Iudovicionus(/sp ci s/ bg / 1812260)	
# 1 # 24 Jun 2015 (/checklist/S24056310)	Lonald A. Sutherland
112. Indig Bunting Passerina cyanea(/sp_ci_s/indbun/_1812260)	
# 1	L Donald A. Sutherland
113. <u>Vi ginia Rail Rallus limicola(/sp ci s/vi ai/ 1812260)</u>	
# 1 🛗 28 Jun 1996 (/checklist/S12887265) L	Geoff Carpentier (/profile/MTk10DMz/L1812260)
114. <u>Y II w-th at d Vi Vireo flavifrons(/sp ci s/y tvi / 1812260)</u>	•
# 2 🔀 28 Jun 1996 (/checklist/S12886467)	Geoff Carpentier (/profile/MTk10DMz/L1812260)
115. <u>Noth nWat thush Parkesia noveboracensis(/sp ci s/n wat/ 1812260)</u>	•
# 1 🛗 28 Jun 1996 (/checklist/S12887265) L	Geoff Carpentier (/profile/MTk1ODMz/L1812260)
116. <u>G ld n-wing d Wa bl</u> Vermivora chrysoptera(/sp ci s/g wwa / 1812260)	
# 1 🛗 28 Jun 1996 (/checklist/S12886467) L	Geoff Carpentier (/profile/MTk10DMz/L1812260)

117. Mourn nrbler Geothlypis p	<u> bhiladelphia( s_ec es mouw ar L181_60)</u>	
# 1	28 Jun 1996 (/checklist/S12886467) p	Geoff Carpentier (/profile/MTk10DMz/L1812260)
118. Common N i hth wk Chordeile	es minor(/s_ec es/comn_/L1812260)	
# 5	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260)
119. <u>E stern h - oor-will</u> Antros	stomus vociferus(/s ec es/e sw w1/L1812260)	
# 1	13 Jun 1993 (/checklist/S12885907)	Geoff Carpentier (/profile/MTk10DMz/L1812260)
120. <u>S_otted S_nd</u> <u>er</u> Actitis macu	<u>ılarius(/s_ec_es/s_os_n/L1812260)</u>	
# 1	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260)
121. Amer c n B ttern Botaurus lenti	<u>ginosus(/s_ec es/_meb t/L1812260)</u> p	
# 1	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
122. Ol ve-s ded Flyc tcher Contopu	us cooperi(/s_ec es/olsfly/L1812260)	
# 1	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
123. Cl ff Sw allow Petrochelidon pyrrh	nonota(/s_ec es/cl sw a/L1812260)	
# 3	🗰 <u>13 Jun 1993 (/checklist/S12885907)</u> p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
124. House en Troglodytes aedon(/	<u>/s_ec es/houwre/L1812260)</u>	
# 2	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
125. <u>nter en Troglody<b>t</b>es hiemali</u>	<u>ες(/s_ec es/w nwre3/L1812260)</u>	
# 2	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
126. Gr y C tb rd Dumetella caroliner	nsis(/s_ec_es/_ryc_t/L1812260)	
# 5	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk1ODMz/L1812260) p
127. Wo od Thrush Hylocichla mustelii	na(/s_ec es/woothr/L1812260)	
# 2	13 Jun 1993 (/checklist/S12885907) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p
128. Townsend's Sol t re Myadester	s townsendi(/s_ec es/towsol/L1812260)	
# 1	10 Feb 1991 (/checklist/S12118038) p	Published Ontario Bird Records Data p
129. <u>Sed</u> <u>e</u> en <u>Cistotho</u> nus stellaris	/s_ec es/sedwre1/L1812260)	
# 1	🗰 <u>7 Jun 1983 (/checklist/S12884352)</u>	Geoff Carpentier (/profile/MTk10DMz/L1812260)
130. E stern Towhee Pipilo erythroph	thalmus(/s_ec es/e_stow/L1812260)	
# 2	1 7 Jun 1983 (/checklist/S12884352) p	Geoff Carpentier (/profile/MTk10DMz/L1812260) p

Show IIs htn sp

To med UPLOADED IN LAST 30 DAYS p

No media submitted

L test med (h t s: /eb rd.or /med /c t lo ?re onCode=L1812260), p

Recent v s ts	
OBSERVER p	DATE <b>p</b> SPECIES
Scott McKinlay.//profile/MTEwODIv/L1812260) p	4 Jan 2022 (/checklist/S100110718) 5
Lynn Smith (/profile/Mzg4OTEv/L1812260)	<u>4 Jap 2022 (/checklist/S100124448)</u> p 5
Luke Berg (/profile/MzQxNic2/L1812260)	<u>3 Jan 2022 (/checklist/S100025657)</u> 20
Luke Berg. (profile/MzQxNjc2/L1812260)	<u>1 Jan 2022 (/checklist/S99861358)</u> 10
Luke Berg (forofile/MzQxhbic2/L1812260), p	30 Dec 2021 (/checklist/S99708700) p 19
Amy Semple	5 Dec 2021 (/checklist/S98506455) 4
Chris Risley (/grofile/MTEwM)Q1/L1812260), p	29 Nov 2021 (/checklist/S98245958) 8
Drew Monkman (/grofile/MTY10Tg4/L1812260), p	29 Nov 2021 (/checklist/S98254173) p 8
Ben Taylor p	29 Nov 2021 (/checklist/S98250896) p 8
Luke Berg (/profile/MzQxNic2/L1812260), p	27 Nov 2021 (/checklist/S98151893) 21
Checklists submitted within the last hour are not shown.	
More recent v s ts (/hots_ot/L1812260/_ct v ty?yr=_l&m=) p	

#### To eB rders

<u>S_ec es (/hots_ot/L1812260?yr=_ll&amp;m=&amp;sortBy=s)</u>	Checkl sts (/hots_ot/L1812260?yr=_l&m=&sortBy=cl)	p					
1 Matthew Tobey (/profile/Mjc4MTE2/L1812260)							87
2 Dave Milsom						83	
3 Geoff Carpentier (/profile/MTk1ODMz/L1812260) p					69		
4 Brian Wales				63			
4 Donald A. Sutherland <b>p</b>				63			
6 Tanya Taylor <b>p</b>				59			
6 Rob Craig				59 <b>p</b>			
8 <u>C Douglas (/profile/NDA5NjMy/L1812260)</u> p			47 <b>p</b>				
9 Luke Berg (/profile/MzQxNjc2/L1812260)			44				
10 Ben Taylor			37 <b>p</b>				
You (/profile//L181226 <b>9</b> )	0 p						

Updated 10 sec ago. **p** 

# Appendix E

iNaturalist Data



Common Name	Scientific Name	Latitude	Longitude	Accuracy	Agree	Disagree	<b>Position Method</b>	<b>Coordinates Obscured</b>
Southern Flying Squirrel	Glaucomys volans	44.646264	-77.89264	52	2	0		FALSE
Common Five-lined Skink	Plestiodon fasciatus	44.617895	-77.87258	9	3	0		TRUE
Common Nighthawk	Chordeiles minor	44.646216	-77.89335	70	2	0		FALSE
Black Stone Flower	Parmotrema perlatum	44.629611	-77.87256	12	1	0		TRUE
Common Snapping Turtle	Chelydra serpentina	44.622976	-77.87779	244	1	0		FALSE
Blanding's Turtle	Emydoidea blandingii	44.628316	-77.85002	10	3	0		TRUE
Blanding's Turtle	Emydoidea blandingii	44.616115	-77.91778	10	6	0		TRUE
Pine Imperial Moth	Eacles imperialis pini	44.644279	-77.8877	40	1	0		FALSE

## Appendix F

Ecological Land Classification (ELC) Descriptions

### Dry-Fresh Red Oak Deciduous Forest (FODM1-1)

The Dry-Fresh Red Oak Deciduous Forest possesses a moderately dry (0) to fresh (1, 2, 3) moisture regime and is dominated by Red Oak (*Quercus rubra*) and has a number of associate species that include Red Maple (*Acer rubrum*), White Pine (*Pinus strobus*) and Black Cherry (*Prunus serotina*) among others. Typical ground species in this ecosite include Bracken Fern (*Pteridium aquilinum*), Wintergreen (*Gaultheria procumbens*), and Starflower (*Trientalis borealis*). The ELC characterizes the community as possessing 75% or more canopy cover.

This tract of forest is approximately (39.9 ha) and comprises a large portion of the subject site (47%). It is dominated by Red Oak with minor patches of other deciduous species. This forest tract is relatively mature with a closed canopy and is almost exclusively dominated by deciduous species. Other tree species include Ironwood (*Ostrya virginiana*), Red Maple, Sugar Maple (*Acer saccharum*) and Trembling Aspen (*Populus tremuloides*). In areas where the canopy has opened, young deciduous saplings are growing in thicket-like conditions beneath the overstorey.

The understorey throughout the ecosite is dominated by young Oak species, European Buckthorn (*Rhamnus cathartica*), various Fern species, Wintergreen and White Grained Mountain Rice Grass (*Oryzopsis asperifolia*). Open Bedrock Outcrops are exposed throughout this ecosite. Vegetation in the outcrops is minimal given the lack of available substrate, however some species persist within the crevasses of the rock.

The soils were penetrated to a total depth of 75 cm utilizing a hand auger where it was refused, presumably on bedrock. An initial organic soil horizon was observed to a depth of 5 cm. The rest of the sample was comprised of a silty sand with sand content increasing with depth. A small (<5 cm) gravel seam was observed at 30 cm deep. An oxidized reddish brown sandy silt was observed near the surface. A representative sample (Sample #7) was collected in the southwestern area of the FODM1-1 ecosite (Figure 6).

### Dry-Fresh White Pine-Hardwood Mixed Forest (FOMM2)

The ELC describes a Dry-Fresh White Pine-Hardwood Mixed Forest (FOMM2) as having greater than 25% coniferous species and greater than 25% deciduous species. This ecosite can contain both White Ash (*Fraxinus americana*) and Yellow Birch (*Betula alleghaniensis*) species, but is primarily comprised of Eastern White Pine and a combination of deciduous species. The deciduous species include American Basswood (*Tilia americana*), Ironwood (*Ostrya virginiana*), and Red Maple. This ecosite will likely possess dry-fresh shallow soils over bedrock.

This ecosite is generally contained within the northwestern portion of the site. Although two (2) separate ecosites are shown, they are part of one

continuous tract that extends beyond the Claim boundary and circles back onto the Claim. This mature ecosite is dominated by Eastern White Pine with a secondary presence of Ironwood and Red Oak. Yellow and White Birch can be found in minor amounts throughout this ecosite. Ground cover is moderately vegetated and is comprised of Bracken Fern, European Buckthorn and young tree species that are reflective of the overall composition of the treed community. Bedrock outcrops are also exposed throughout the ecosite. Vegetation in the outcrops is minimal given the lack of available substrate materials.

A hand auger was sunk into the soils to a total depth of 35 cm where presumably bedrock refused further sampling. An initial organic soil horizon was observed to a depth of 3 cm. The 35 cm sample was comprised of a highly oxidized, reddish brown sandy silt with minor presence of fine gravel. The sample was determined to be damp at 34 cm, immediately prior to presumed bedrock. A representative sample (Sample #8) was collected in the southern area of the north eastern FOMM2 ecosite (Figure 6).

### Thicket Swamp (SWT)

The Thicket Swamp (SWT) ecosite typically occurs in wet areas possessing variable flooding regimes with standing water typically less than 2 m in depth. Vegetation can vary in this ecosite but will be dominated by dense trees and/or shrubs. To be considered a wetland community, the substrate has to possess a 20 cm to 40 cm deep organic layer.

A number of isolated and/or connected Thicket Swamps were identified onsite. Dense deciduous shrubs and young trees dominate these ecosites. Although a variety of species are found throughout these ecosites, the dominant shrub and tree species were revealed to be Speckled Alder (*Alnus incana*), Winterberry (*llex verticillata*), and Red-osier Dogwood (*Cornus sericea*).

The dominant species varied throughout each wetland. Vegetation rarely exceeded 2.5 m with the exception of infrequent tall (>2.5 m) trees. Ground vegetation was dominated by young thicket species and various fern and sedge species. The small isolated pockets of Thicket Swamp are typically "bowl-type" depression features in the bedrock where periodic pooling occurs. These bedrock depressions support a variety of hydrophytic thicket species. Pockets of standing water and saturated soil conditions are apparent throughout these Thicket Swamps.

A hand auger was utilized to sample the soils to a maximum depth of 110 cm (i.e., limit of capability). An initial organic horizon was observed to a depth of 25 cm. Heavy mottling and gleys were observed from 35 cm to 110 cm. The sample was determined to be a silty sand with increasing sand content and particle size with depth. A representative sample (Sample #9) was collected at the northern shoreline of the northeastern most SWT ecosite (Figure 6).

The ELC describes a Graminoid Open Bog as having less than 25% tree cover as well as an organic layer exceeding depths of 40 cm. Precipitation and snowmelt are the primary water sources for the vegetation within a bog as they are typically characterized by a vegetation community that lies above groundwater level. Bogs also tend to be quite acidic and therefore can only support vegetation that can survive in acidic environments. This ecosite will likely be dominated by sphagnum species and/or a variety of sedge species.

Three (3) main Graminoid Open Bog ecosites were observed on-site. These ecosites were dominated by sedge species, primarily Cotton-grass (*Eriophorum*), and Few-seeded Sedge (*Carex oligosperma*). A ring of open water (<1 m depth) that separates the bedrock outcrops from the floating mat was a common characteristic of the on-site BOOG1 communities. Scattered bushes and young thicket species (e.g., Red-osier Dogwood) are found along the edge and atop some of the tufts in the floating matts in middle of the bog, although all three (3) BOOG1 ecosites contain less than 25% tree over. A soil probe was completed to a depth of 15 cm where presumed bedrock refused any further sampling. The 15 cm sample was comprised of a highly fibrous, root matt with a dark mucky organic substrate. Saturated conditions were met at 8 cm depth, although the rest of the sample was noted as being moist. A representative sample (Sample #3) of the materials was collected at the south eastern shoreline of northern most BOOG1 ecosite (Figure 6).

### Black Spruce Treed Bog (BOTC1-1)

The Black Spruce Treed Bog is described by the ELC manual as having between 10% and 25% tree cover. A thick layer of Sphagnum species are typical in this ecosite. The dominant tree species is Black Spruce (*Picea mariana*), also known as Bog Spruce, and can contain other hydrophytic coniferous species. This ecosite is commonly found throughout the Canadian Shield.

One (1) large (12.4 ha) BOTC1-1 ecosite was identified in the northwest area of the property and continues west beyond the property boundary. The ecosite is dominated by Black Spruce, which is commonly found in wet, poorly drained sites. Black Spruce is an adaptable species that can live in a variety of habitats, including acidic bogs. Associate tree species included Tamarack (*Larix laricina*) and Balsam Fir (*Abies balsamea*). Trees within the community ranged from 0.5 m - 10 m in height.

The BOTC1-1 on-site community grows on a thick mat of sphagnum species. Similar to the BOOG1 ecosite, a ring of open water (<1 m depth) that separates the bedrock outcrops from the sphagnum species was apparent throughout the ecosite. Aerial photographs illustrate some small, lightly vegetated bedrock outcrops occurring within these bog communities. The outcrops are not large enough (>0.5 ha) to be included as their own ecosite and have thus been included within the BOTC1-1 community. An Open Aquatic habitat is also located within the BOTC1-1 ecosite. This community is described in the following section.

A soil analysis was not completed at this ecosite. However, the presence of a peaty organic matt was confirmed.

### Open Aquatic (OAO)

Two (2) Open Aquatic ecosites were delineated on the subject property. The larger (1.6 ha, as measured within the Claim) is situated along the western boundary, while the other (0.9 ha as measured within the Claim) is located along the southern boundary, near the southwest corner. These water bodies are hydrologically connected to each other and provide extensive habitat for wildlife.

The body of water along the western property boundary is surrounded by a floating Black Spruce Treed Bog described above. OFAT data suggests this feature drains into the smaller southern body of water. However, field investigations have determined that the smaller southern body of water is blocked by a beaver dam at the north end of the lake, ultimately draining northward through the BOTC1-1 ecosite and into the western Open Aquatic ecosite. The maximum length of the larger body of water (including any off-site portion) is approximately 286 m, while its maximum width is approximately 100 m. The depth of the water body is unknown. Minor floating vegetation occurs within this Open aquatic habitat. Specific species could not be identified as ORE staff were unable to access the floating bog due to the natural moat around the edge.

The southern Open Aquatic ecosite is surrounded by a deciduous Red Oak forest and exposed bedrock outcrops. The lake bottom was dominated by Common Bladderwort (*Ultriculaire vulgaris*). Pockets of floating vegetation are seen throughout the open water and are typically dominated by Floatingleaved Pondweed (*Potamogeton natans*). An outcrop in the middle of the open area contains minor vegetation. Basking logs are also present along the shoreline suggesting good habitat for herpetiles. Contradictory to data obtained using the MNRF's OFAT, this body of water drains northward into the larger body of water via a stream. Two (2) beaver dams were observed along this drainage channel.

## Appendix G

Bat Detector Summary

Bat Detection Summary Brief							
	BD1		BD2		Occurrence		
Common Name	Scientific Name	Confirmed	Probable	Confirmed	Probable	% of Identifiable Calls	
Eastern Small-Footed Myotis	Myotis leibii	0	0	0	0	0.00%	
Northern Long-eared Myotis	Myotis septentrionalis	0	0	0	0	0.00%	
Little Brown Myotis (Bat)	Myotis lucifugus	0	0	0	0	0.00%	
Tri-coloured Bat	Perimyotis subflavus	0	0	0	0	0.00%	
Eastern Red Bat	Lasiurus borealis	0	0	0	0	0.00%	
Big Brown Bat	Eptesicus fuscus	0	0	0	0	0.00%	
Silver-haired Bat	Lasionycteris noctivagans	0	0	0	0	0.00%	
Hoary Bat	Lasiurus cinereus	0	0	0	0	0.00%	
	Number of Files:	67		1049			
	Files with Identifiable Calls:	0		1			
	High Frequency:	: 0		0		1	
	Low Frequency:	: 0		1		1	
	High/Low Frequency	(	)	(	)		

			· -		<b>_</b>		DETECTOR SUN			<b>-</b> • • • • -			- ···
Location	File Name	High Frequency	Low Frequency	Confirmed Species	Probable Species	1st Order	2nd Order	3rd Order	4th Order	Probable ID	Manual Check	Scientific Name	Common Name
BD1 BD1	2021-10-28 19-23-46.wav 2021-10-28 19-23-51.wav		+							Signal Interference Signal Interference			
BD1	2021-10-28 19-24-07.wav									Signal Interference			
BD1	2021-10-28 19-24-27.wav									Signal Interference			
BD1	2021-10-29 20-50-07.wav									Signal Interference			
BD1	2021-10-29 20-50-35.wav									Signal Interference			
BD1 BD1	2021-10-29 20-51-26.wav 2021-10-30 02-36-40.wav									Signal Interference Signal Interference			
BD1	2021-10-30 02-38-11.wav									Signal Interference			
BD1	2021-10-30 03-13-39.wav									Signal Interference			
BD1	2021-10-30 03-23-42.wav									Signal Interference			
BD1	2021-10-30 04-09-38.wav									Signal Interference			
BD1 BD1	2021-10-30 04-13-21.wav 2021-10-30 17-48-45.wav									Signal Interference Signal Interference			
BD1	2021-10-30 17-48-45.wav									Signal Interference			
BD1	2021-10-30 18-54-14.wav									Signal Interference			
BD1	2021-10-30 18-57-37.wav									Signal Interference			
BD1	2021-10-30 19-05-49.wav									Signal Interference			
BD1	2021-10-30 19-09-04.wav									Signal Interference			
BD1 BD1	2021-10-30 20-30-20.wav 2021-10-30 20-31-32.wav							<u> </u>		Signal Interference Signal Interference			
BD1	2021-10-30 20-31-32.wav		+		<u> </u>					Signal Interference			
BD1	2021-10-30 20-55-11.wav									Signal Interference			
BD1	2021-10-30 21-07-26.wav									Signal Interference			
BD1	2021-10-30 21-28-41.wav									Signal Interference			
BD1	2021-10-30 21-30-38.wav 2021-10-30 21-31-04.wav									Signal Interference Signal Interference			
BD1 BD1	2021-10-30 21-31-04.wav									Signal Interference			
BD1	2021-10-30 21-34-11.wav									Signal Interference			
BD1	2021-10-30 21-34-46.wav									Signal Interference			
BD1	2021-10-30 21-34-59.wav									Signal Interference			
BD1	2021-10-30 21-38-23.wav									Signal Interference			
BD1 BD1	2021-10-30 21-39-23.wav 2021-10-30 21-40-48.wav									Signal Interference Signal Interference			
BD1	2021-10-30 21-40-40.wav									Signal Interference			
BD1	2021-10-30 21-41-06.wav									Signal Interference			
BD1	2021-10-30 21-41-52.wav									Signal Interference			
BD1	2021-10-30 21-42-26.wav									Signal Interference			
BD1 BD1	2021-10-30 21-43-10.wav 2021-10-30 21-43-41.wav									Signal Interference Signal Interference			
BD1	2021-10-30 21-43-41.wav									Signal Interference			
BD1	2021-10-30 21-44-52.wav									Signal Interference			
BD1	2021-10-30 21-45-25.wav									Signal Interference			
BD1	2021-10-30 21-45-37.wav									Signal Interference			
BD1 BD1	2021-10-30 21-45-56.wav 2021-10-30 21-48-16.wav									Signal Interference Signal Interference			
BD1	2021-10-30 21-52-16.wav									Signal Interference			
BD1	2021-10-30 21-52-32.wav									Signal Interference			
BD1	2021-10-30 21-55-58.wav									Signal Interference			
BD1	2021-10-30 21-59-46.wav									Signal Interference			
BD1	2021-10-30 22-00-17.wav									Signal Interference			
BD1 BD1	2021-10-30 22-02-52.wav 2021-10-30 22-03-02.wav									Signal Interference Signal Interference			
BD1 BD1	2021-10-30 22-03-02.wav									Signal Interference			
BD1	2021-10-30 22-07-29.wav									Signal Interference			
BD1	2021-10-30 22-08-14.wav									Signal Interference			
BD1	2021-10-30 22-09-10.wav									Signal Interference			
BD1 BD1	2021-10-30 22-32-49.wav 2021-10-31 02-42-33.wav									Signal Interference			
BD1	2021-10-31 02-42-33.wav 2021-10-31 03-26-56.wav		+							Signal Interference Signal Interference			
BD1	2021-10-31 03-42-28.wav		1							Signal Interference			
BD1	2021-10-31 03-48-43.wav									Signal Interference			
BD1	2021-10-31 04-06-00.wav									Signal Interference			
BD1	2021-10-31 04-20-05.wav		-							Signal Interference			
BD1 BD1	2021-10-31 04-36-33.wav 2021-10-31 04-55-28.wav				<u> </u>					Signal Interference Signal Interference			
BD1	2021-10-31 04-55-28.wav 2021-10-31 06-34-21.wav				<u> </u>					Signal Interference			
BD1 BD2	2021-10-28 19-11-40.wav		1							Signal Interference			
BD2	2021-10-28 19-40-08.wav		1							Unknown			
BD2	2021-10-28 19-40-19.wav									Signal Interference			
BD2	2021-10-28 19-41-05.wav		-							Signal Interference			
BD2	2021-10-28 19-54-56.wav									Signal Interference			

Location	File Name	High Frequency	/ Low Frequency	Confirmed Species	Probable Species 1st Order	2nd Order	3rd Order	4th Order	Probable ID Man	ual Check	Scientific Name	Common Name
BD2	2021-10-29 17-35-36.wav								Signal Interference			
BD2	2021-10-29 18-11-32.wav								Signal Interference			
BD2	2021-10-29 19-01-04.wav								Signal Interference			
BD2	2021-10-29 19-34-35.wav								Signal Interference			
BD2	2021-10-29 21-45-38.wav								Signal Interference			
BD2 BD2	2021-10-29 21-45-49.wav 2021-10-29 21-45-56.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-29 21-45-03.wav		+						Signal Interference			
BD2	2021-10-29 21-46-09.wav		+						Signal Interference			
BD2	2021-10-29 21-46-18.wav								Signal Interference			
BD2	2021-10-29 21-46-30.wav		_						Signal Interference			
BD2	2021-10-29 21-46-36.wav								Signal Interference			
BD2	2021-10-29 21-46-41.wav								Signal Interference			
BD2	2021-10-29 21-46-52.wav								Signal Interference			
BD2	2021-10-29 21-46-58.wav		+						Signal Interference			
BD2 BD2	2021-10-29 21-59-50.wav 2021-10-29 22-00-03.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-29 22-00-03.wav		+						Signal Interference			
BD2	2021-10-29 22-01-22.wav		+						Signal Interference			
BD2	2021-10-29 22-11-40.wav								Signal Interference			
BD2	2021-10-29 22-15-10.wav								Signal Interference			
BD2	2021-10-29 22-15-24.wav								Signal Interference			
BD2	2021-10-29 22-15-34.wav								Signal Interference			
BD2	2021-10-29 22-15-44.wav		<b></b>						Signal Interference			
BD2	2021-10-29 22-15-53.wav		+						Signal Interference			
BD2 BD2	2021-10-29 22-16-18.wav 2021-10-29 22-16-29.wav		+						Signal Interference Signal Interference			
BD2 BD2	2021-10-29 22-16-29.wav 2021-10-29 22-20-28.wav		+						Signal Interference			
BD2	2021-10-29 22-21-46.wav		+						Signal Interference			
BD2	2021-10-29 22-22-47.wav								Signal Interference			
BD2	2021-10-29 22-22-54.wav								Signal Interference			
BD2	2021-10-29 22-25-30.wav								Signal Interference			
BD2	2021-10-29 22-26-42.wav								Signal Interference			
BD2	2021-10-29 22-27-08.wav								Signal Interference			
BD2	2021-10-29 22-27-12.wav								Signal Interference			
BD2 BD2	2021-10-29 22-28-00.wav 2021-10-29 22-30-33.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-29 22-33-43.wav		+						Signal Interference			
BD2	2021-10-29 22-37-20.wav		+						Signal Interference			
BD2	2021-10-29 22-39-50.wav								Signal Interference			
BD2	2021-10-29 22-49-11.wav								Signal Interference	-		
BD2	2021-10-29 23-36-19.wav								Signal Interference			
BD2	2021-10-30 00-18-24.wav								Signal Interference			
BD2	2021-10-30 00-26-50.wav								Signal Interference			
BD2 BD2	2021-10-30 00-40-06.wav 2021-10-30 00-40-52.wav		+						Signal Interference Signal Interference			
BD2 BD2	2021-10-30 00-40-52.wav		+						Signal Interference			
BD2	2021-10-30 01-16-29.wav		+						Signal Interference			
BD2	2021-10-30 01-18-33.wav		1						Signal Interference			
BD2	2021-10-30 01-18-44.wav		-						Signal Interference			
BD2	2021-10-30 01-18-57.wav								Signal Interference			
BD2	2021-10-30 01-29-34.wav								Signal Interference			
BD2	2021-10-30 01-29-41.wav		+						Signal Interference			
BD2	2021-10-30 01-30-27.wav		+						Signal Interference			
BD2 BD2	2021-10-30 01-35-30.wav 2021-10-30 01-57-05.wav		+						Signal Interference Signal Interference			
BD2 BD2	2021-10-30 01-57-05.wav		+						Signal Interference	!		
BD2 BD2	2021-10-30 01-57-30.wav	+	+	+					Signal Interference			
BD2	2021-10-30 01-57-37.wav	+	+						Signal Interference			
BD2	2021-10-30 01-57-51.wav								Signal Interference			
BD2	2021-10-30 01-57-59.wav								Signal Interference			
BD2	2021-10-30 01-58-08.wav								Signal Interference			
BD2	2021-10-30 01-58-13.wav		+				ļ		Signal Interference			
BD2	2021-10-30 01-58-31.wav		+						Signal Interference			
BD2 BD2	2021-10-30 01-58-34.wav 2021-10-30 01-58-39.wav	+	+						Signal Interference Signal Interference			
BD2 BD2	2021-10-30 01-58-39.wav 2021-10-30 01-58-42.wav		+						Signal Interference	!		
BD2 BD2	2021-10-30 01-58-48.wav	+	+	+					Signal Interference			
BD2	2021-10-30 01-58-52.wav	+	+						Signal Interference			
BD2	2021-10-30 01-59-17.wav	1	1	1					Signal Interference			
BD2	2021-10-30 01-59-25.wav								Signal Interference	·		
BD2	2021-10-30 01-59-29.wav								Signal Interference			
BD2	2021-10-30 01-59-44.wav	1	i i	1		1			Signal Interference	,		1

Location	File Name	High Frequency	Low Frequency	Confirmed Species	Probable Species 1st Order	2nd Order	3rd Order	4th Order	Probable ID Man	ual Check	Scientific Name	Common Name
BD2	2021-10-30 01-59-49.wav								Signal Interference			
BD2	2021-10-30 02-00-13.wav								Signal Interference			
BD2	2021-10-30 02-00-20.wav								Signal Interference			
BD2	2021-10-30 02-00-58.wav								Signal Interference		<b></b>	
BD2	2021-10-30 02-01-01.wav								Signal Interference		<b></b>	
BD2 BD2	2021-10-30 02-02-22.wav 2021-10-30 02-02-25.wav								Signal Interference Signal Interference		<u> </u>	
BD2 BD2	2021-10-30 02-02-23.wav 2021-10-30 02-02-44.wav								Signal Interference		<u> </u>	<u>+</u>
BD2	2021-10-30 02-02-53.wav								Signal Interference		<u> </u>	
BD2	2021-10-30 02-02-58.wav								Signal Interference			
BD2	2021-10-30 02-03-00.wav								Signal Interference			
BD2	2021-10-30 02-03-14.wav								Signal Interference			
BD2	2021-10-30 02-03-16.wav								Signal Interference			
BD2	2021-10-30 02-04-00.wav								Signal Interference		<b></b>	<b>_</b>
BD2	2021-10-30 02-04-03.wav								Signal Interference		<b></b>	
BD2 BD2	2021-10-30 02-04-17.wav 2021-10-30 02-04-23.wav								Signal Interference Signal Interference		l	
BD2 BD2	2021-10-30 02-04-23.wav								Signal Interference		<u> </u>	<u>+</u>
BD2 BD2	2021-10-30 02-05-12.wav								Signal Interference		<u> </u>	
BD2	2021-10-30 02-05-31.wav								Signal Interference		<u> </u>	<u> </u>
BD2	2021-10-30 02-05-39.wav								Signal Interference			
BD2	2021-10-30 02-05-46.wav								Signal Interference			
BD2	2021-10-30 02-05-48.wav								Signal Interference			
BD2	2021-10-30 02-05-51.wav	_ <b>_</b>							Signal Interference		<b> </b>	<u> </u>
BD2	2021-10-30 02-05-56.wav								Signal Interference		<b></b>	<b></b>
BD2 BD2	2021-10-30 02-06-02.wav 2021-10-30 02-06-15.wav								Signal Interference		l	
BD2 BD2	2021-10-30 02-06-29.wav								Signal Interference Signal Interference		<u> </u>	<u>+</u>
BD2 BD2	2021-10-30 02-06-39.wav								Signal Interference		<u> </u>	<u></u>
BD2	2021-10-30 02-06-42.wav								Signal Interference		<u> </u>	
BD2	2021-10-30 02-06-48.wav								Signal Interference			
BD2	2021-10-30 02-06-51.wav								Signal Interference			
BD2	2021-10-30 02-06-57.wav								Signal Interference			
BD2	2021-10-30 02-07-03.wav								Signal Interference		<b></b>	
BD2	2021-10-30 02-07-10.wav								Signal Interference		<b></b>	·
BD2 BD2	2021-10-30 02-07-19.wav 2021-10-30 02-07-23.wav								Signal Interference Signal Interference		l	
BD2 BD2	2021-10-30 02-07-29.wav								Signal Interference		<u> </u>	
BD2	2021-10-30 02-08-10.wav								Signal Interference		<u> </u>	
BD2	2021-10-30 02-08-22.wav								Signal Interference			
BD2	2021-10-30 02-08-25.wav								Signal Interference	-		
BD2	2021-10-30 02-08-43.wav								Signal Interference			
BD2	2021-10-30 02-09-20.wav								Signal Interference		<b></b>	<b></b>
BD2	2021-10-30 02-09-33.wav								Signal Interference		<b></b>	<b></b>
BD2 BD2	2021-10-30 02-09-41.wav 2021-10-30 02-09-46.wav								Signal Interference Signal Interference		l	
BD2 BD2	2021-10-30 02-09-54.wav								Signal Interference		<u> </u>	<u>+</u>
BD2	2021-10-30 02-10-22.wav								Signal Interference			
BD2	2021-10-30 02-10-38.wav								Signal Interference			
BD2	2021-10-30 02-10-56.wav								Signal Interference			
BD2	2021-10-30 02-11-02.wav								Signal Interference			
BD2	2021-10-30 02-11-09.wav								Signal Interference		<u> </u>	ļ
BD2	2021-10-30 02-11-25.wav		<b> </b>						Signal Interference		<b> </b>	<b> </b>
BD2 BD2	2021-10-30 02-11-29.wav 2021-10-30 02-11-43.wav								Signal Interference		<b></b>	<b></b>
BD2 BD2	2021-10-30 02-11-43.wav 2021-10-30 02-11-59.wav	+	+						Signal Interference Signal Interference			<u> </u>
BD2 BD2	2021-10-30 02-11-39.wav	+	<u> </u>						Signal Interference		<u> </u>	<u> </u>
BD2	2021-10-30 02-13-58.wav	+	1						Signal Interference		1	<u> </u>
BD2	2021-10-30 02-14-27.wav	+	1						Signal Interference			
BD2	2021-10-30 02-14-30.wav								Signal Interference			
BD2	2021-10-30 02-14-40.wav								Signal Interference			
BD2	2021-10-30 02-14-49.wav								Signal Interference		<u> </u>	ļ
BD2	2021-10-30 02-15-31.wav		<b> </b>						Signal Interference		<b> </b>	<b> </b>
BD2 BD2	2021-10-30 02-15-40.wav 2021-10-30 02-15-43.wav		<b> </b>						Signal Interference		<u> </u>	<u> </u>
BD2 BD2	2021-10-30 02-15-43.wav 2021-10-30 02-15-49.wav	+	<u> </u>						Signal Interference Signal Interference		<u> </u>	<u> </u>
BD2 BD2	2021-10-30 02-15-49.wav	+							Signal Interference			<u> </u>
BD2 BD2	2021-10-30 02-16-03.wav	+	1						Signal Interference		<u> </u>	<u> </u>
BD2	2021-10-30 02-16-31.wav	+							Signal Interference		<u> </u>	
BD2	2021-10-30 02-16-46.wav								Signal Interference			
BD2	2021-10-30 02-16-52.wav								Signal Interference			
BD2	2021-10-30 02-18-17.wav								Signal Interference			
BD2	2021-10-30 02-18-22.wav		1						Signal Interference		1	1

Location	File Name	High Frequency	Low Frequency	Confirmed Species	Probable Species 1st Order	2nd Order	3rd Order	4th Order	Probable ID	Manual Check	Scientific Name	Common Name
BD2	2021-10-30 02-19-05.wav			•					Signal Interference			
BD2	2021-10-30 02-19-56.wav								Signal Interference			
BD2	2021-10-30 02-20-23.wav								Signal Interference			
BD2	2021-10-30 02-20-37.wav								Signal Interference			
BD2	2021-10-30 02-21-06.wav								Signal Interference			
BD2	2021-10-30 02-21-30.wav								Signal Interference			
BD2 BD2	2021-10-30 02-21-39.wav 2021-10-30 02-21-47.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-22-15.wav								Signal Interference			
BD2	2021-10-30 02-22-20.wav								Signal Interference			
BD2	2021-10-30 02-22-41.wav								Signal Interference			
BD2	2021-10-30 02-22-53.wav								Signal Interference			
BD2	2021-10-30 02-22-59.wav								Signal Interference			
BD2	2021-10-30 02-23-45.wav								Signal Interference			
BD2	2021-10-30 02-23-59.wav								Signal Interference			
BD2	2021-10-30 02-24-16.wav								Signal Interference			
BD2 BD2	2021-10-30 02-24-21.wav 2021-10-30 02-25-01.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-25-01.wav 2021-10-30 02-25-08.wav								Signal Interference			
BD2	2021-10-30 02-25-10.wav								Signal Interference			
BD2	2021-10-30 02-25-25.wav								Signal Interference			
BD2	2021-10-30 02-25-28.wav								Signal Interference			
BD2	2021-10-30 02-25-37.wav								Signal Interference			
BD2	2021-10-30 02-25-40.wav								Signal Interference			
BD2	2021-10-30 02-25-45.wav								Signal Interference			
BD2	2021-10-30 02-26-17.wav								Signal Interference			
BD2 BD2	2021-10-30 02-26-31.wav 2021-10-30 02-26-38.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-26-56.wav								Signal Interference			
BD2	2021-10-30 02-27-17.wav								Signal Interference			
BD2	2021-10-30 02-27-25.wav								Signal Interference			
BD2	2021-10-30 02-27-35.wav								Signal Interference			
BD2	2021-10-30 02-27-42.wav								Signal Interference			
BD2	2021-10-30 02-27-46.wav								Signal Interference			
BD2	2021-10-30 02-28-00.wav								Signal Interference			
BD2	2021-10-30 02-28-09.wav								Signal Interference			
BD2 BD2	2021-10-30 02-28-30.wav 2021-10-30 02-28-37.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-28-39.wav								Signal Interference			
BD2	2021-10-30 02-28-46.wav								Signal Interference			
BD2	2021-10-30 02-28-51.wav								Signal Interference			
BD2	2021-10-30 02-28-53.wav								Signal Interference			
BD2	2021-10-30 02-28-57.wav								Signal Interference			
BD2	2021-10-30 02-29-00.wav								Signal Interference			
BD2	2021-10-30 02-29-02.wav								Signal Interference			
BD2	2021-10-30 02-29-18.wav								Signal Interference			
BD2 BD2	2021-10-30 02-29-31.wav								Signal Interference			
BD2 BD2	2021-10-30 02-29-34.wav 2021-10-30 02-29-42.wav		+						Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-29-48.wav								Signal Interference			
BD2	2021-10-30 02-30-07.wav								Signal Interference			
BD2	2021-10-30 02-30-11.wav								Signal Interference			
BD2	2021-10-30 02-30-16.wav								Signal Interference			
BD2	2021-10-30 02-30-27.wav								Signal Interference			
BD2	2021-10-30 02-30-32.wav								Signal Interference			
BD2	2021-10-30 02-30-35.wav								Signal Interference			
BD2 BD2	2021-10-30 02-30-39.wav 2021-10-30 02-30-44.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-30-44.wav 2021-10-30 02-30-47.wav								Signal Interference			
BD2 BD2	2021-10-30 02-30-51.wav		1						Signal Interference			
BD2	2021-10-30 02-30-54.wav								Signal Interference			
BD2	2021-10-30 02-31-03.wav								Signal Interference			
BD2	2021-10-30 02-31-10.wav								Signal Interference			
BD2	2021-10-30 02-31-14.wav								Signal Interference			
BD2	2021-10-30 02-31-18.wav								Signal Interference			
BD2	2021-10-30 02-31-27.wav								Signal Interference			
BD2 BD2	2021-10-30 02-31-45.wav 2021-10-30 02-32-09.wav								Signal Interference Signal Interference			
BD2 BD2	2021-10-30 02-32-09.wav 2021-10-30 02-32-12.wav		+						Signal Interference			
BD2 BD2	2021-10-30 02-32-12.wav		1						Signal Interference			
				1					· · · · · · · · · · · · · · · · · · ·			
BD2	2021-10-30 02-32-27.wav								Signal Interference			
	2021-10-30 02-32-27.wav 2021-10-30 02-32-39.wav								Signal Interference			

BD2         2021-           BD2 <th>21-10-30       02-32-57.wav         21-10-30       02-33-10.wav         21-10-30       02-33-12.wav         21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-</th> <th></th> <th>uency         Confirmed Species          </th> <th></th> <th></th> <th></th> <th></th> <th>Signal Interference         Signal Interference</th> <th></th> <th></th>	21-10-30       02-32-57.wav         21-10-30       02-33-10.wav         21-10-30       02-33-12.wav         21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-		uency         Confirmed Species					Signal Interference         Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-12.wav         21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-28.wav         21-10-30       02-34-07.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-42.wav         21-10-30       02-34-42.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-12.wav         21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-28.wav         21-10-30       02-34-07.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-42.wav         21-10-30       02-34-42.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-17.wav         21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-53.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-51.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-11.wav         21-10-30       02-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-22.wav         21-10-30       02-33-33.wav         21-10-30       02-33-33.wav         21-10-30       02-33-53.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-51.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-11.wav         21-10-30       02-							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-22.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-33.wav         21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-22.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-18.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav         21-10-30       02-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-42.wav         21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-18.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav         21-10-30       02-							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-33-53.wav         21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-07.wav         21-10-30       02-34-09.wav         21-10-30       02-34-28.wav         21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-02.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-28.wav         21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-17.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-36.wav         21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-42.wav         21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-22.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-32.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-44.wav         21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-32.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-18.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30       02-34-51.wav         21-10-30       02-34-53.wav         21-10-30       02-34-56.wav         21-10-30       02-34-59.wav         21-10-30       02-34-59.wav         21-10-30       02-35-02.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-09.wav         21-10-30       02-35-11.wav         21-10-30       02-35-18.wav         21-10-30       02-35-25.wav         21-10-30       02-35-25.wav         21-10-30       02-35-56.wav         21-10-30       02-35-59.wav         21-10-30       02-35-59.wav         21-10-30       02-36-04.wav         21-10-30       02-36-11.wav         21-10-30       02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-34-53.wav 21-10-30 02-34-56.wav 21-10-30 02-34-59.wav 21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-11.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-11.wav 21-10-30 02-36-11.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30 02-34-53.wav 21-10-30 02-34-56.wav 21-10-30 02-34-59.wav 21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-11.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-11.wav 21-10-30 02-36-11.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-34-56.wav 21-10-30 02-34-59.wav 21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference         Signal Interference         Signal Interference         Signal Interference         Signal Interference         Signal Interference         Signal Interference</td> <td></td> <td></td>	21-10-30 02-34-56.wav 21-10-30 02-34-59.wav 21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference Signal Interference Signal Interference</td> <td></td> <td></td>	21-10-30 02-35-02.wav 21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference Signal Interference Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference Signal Interference</td> <td></td> <td></td>	21-10-30 02-35-09.wav 21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference</td> <td></td> <td><u> </u></td>	21-10-30 02-35-11.wav 21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference		<u> </u>
BD2         2021-           BD2 <td>21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	21-10-30 02-35-18.wav 21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav									
BD2         2021-           BD2 <td>21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>t</td>	21-10-30 02-35-22.wav 21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav									t
BD2         2021-           BD2 <td>21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference Signal Interference</td> <td></td> <td><u> </u></td>	21-10-30 02-35-25.wav 21-10-30 02-35-32.wav 21-10-30 02-35-32.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference Signal Interference		<u> </u>
BD2         2021-           BD2 <td>21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td>† †</td> <td></td> <td></td> <td>Signal Interference</td> <td></td> <td><u> </u></td>	21-10-30 02-35-32.wav 21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav				† †			Signal Interference		<u> </u>
BD2         2021-           BD2 <td>21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference</td> <td><u> </u></td> <td><u>†                                    </u></td>	21-10-30 02-35-48.wav 21-10-30 02-35-56.wav 21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference	<u> </u>	<u>†                                    </u>
BD2         2021-           BD2 <td>21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference</td> <td></td> <td></td>	21-10-30 02-35-59.wav 21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Signal Interference</td> <td></td> <td></td>	21-10-30 02-36-04.wav 21-10-30 02-36-11.wav 21-10-30 02-36-17.wav							Signal Interference		
BD2         2021-           BD2 <td>21-10-30 02-36-11.wav 21-10-30 02-36-17.wav</td> <td></td> <td></td> <td><b>↓</b></td> <td></td> <td></td> <td></td> <td>Signal Interference</td> <td></td> <td></td>	21-10-30 02-36-11.wav 21-10-30 02-36-17.wav			<b>↓</b>				Signal Interference		
BD2       2021-	21-10-30 02-36-17.wav							Signal Interference		<b></b>
BD2         2021-								Signal Interference Signal Interference		<b></b>
BD2       2021-	21 10 30 02 30 20.wav	1						Signal Interference	<u> </u>	+
BD2       2021-	21-10-30 02-36-30.wav							Signal Interference		+
BD2         2021-	21-10-30 02-36-33.wav							Signal Interference		
BD2         2021-	21-10-30 02-36-46.wav							Signal Interference		
BD2         2021-	21-10-30 02-36-49.wav							Signal Interference		
BD2         2021-	21-10-30 02-36-53.wav							Signal Interference		<b></b>
BD2         2021-	21-10-30 02-36-56.wav 21-10-30 02-37-04.wav	<u> </u>						Signal Interference Signal Interference		<b></b>
BD2         2021-	21-10-30 02-37-04.wav 21-10-30 02-37-08.wav							Signal Interference	<u> </u>	+
BD2         2021-	21-10-30 02-37-15.wav							Signal Interference		<u> </u>
BD2         2021-	21-10-30 02-37-17.wav							Signal Interference		
BD2         2021-	21-10-30 02-37-32.wav							Signal Interference		
BD2         2021-	21-10-30 02-37-37.wav							Signal Interference		
BD2         2021-	21-10-30 02-37-41.wav							Signal Interference		<b></b>
BD2         2021-           BD2         2021-           BD2         2021-           BD2         2021-           BD2         2021-	21-10-30 02-37-47.wav 21-10-30 02-37-54.wav							Signal Interference Signal Interference		
BD2 2021- BD2 2021- BD2 2021-	21-10-30 02-37-54.wav 21-10-30 02-37-59.wav							Signal Interference	<u> </u>	+
BD2 2021- BD2 2021-	21-10-30 02-38-15.wav							Signal Interference		+
	21-10-30 02-38-20.wav							Signal Interference		
	21-10-30 02-38-22.wav							Signal Interference		
	21-10-30 02-38-33.wav							Signal Interference		
	21-10-30 02-38-52.wav	<u> </u>			<u>                                     </u>			Signal Interference		<b> </b>
	21-10-30 02-38-55.wav 21-10-30 02-38-59.wav			<u> </u>	<u> </u>			Signal Interference	<u> </u>	<u> </u>
	21-10-30 02-38-59.wav 21-10-30 02-39-09.wav	+ +			+ +			Signal Interference Signal Interference		<u> </u>
	21-10-30 02-39-09.wav	+ + + + + + + + + + + + + + + + + + + +		+ + + + + + + + + + + + + + + + + + + +	<u> </u>			Signal Interference		<u> </u>
	21-10-30 02-39-36.wav				† †			Signal Interference		<u> </u>
BD2 2021-	21-10-30 02-39-38.wav							Signal Interference		
	21-10-30 02-39-56.wav							Signal Interference		
	21-10-30 02-40-04.wav	<u> </u>			ļ ļ			Signal Interference		<b></b>
		+ + + + + + + + + + + + + + + + + + + +		+	┼───┤			Signal Interference Signal Interference	<u> </u>	<u> </u>
	21-10-30 02-40-09.wav	+		+ +	+ +			Signal Interference		<u> </u>
	21-10-30 02-40-12.wav	+			<u> </u>			Signal Interference		<u> </u>
	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav	+ +		1 1	† †			Signal Interference		<u> </u>
BD2 2021-	21-10-30 02-40-12.wav	1						Signal Interference		
	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav 21-10-30 02-40-27.wav							Signal Interference		
	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav 21-10-30 02-40-27.wav 21-10-30 02-40-33.wav 21-10-30 02-40-41.wav 21-10-30 02-40-59.wav				<b>T</b>			Signal Interference		
	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav 21-10-30 02-40-27.wav 21-10-30 02-40-33.wav 21-10-30 02-40-41.wav 21-10-30 02-40-59.wav 21-10-30 02-41-11.wav				┥			Signal Interference		<b> </b>
	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav 21-10-30 02-40-27.wav 21-10-30 02-40-33.wav 21-10-30 02-40-41.wav 21-10-30 02-40-59.wav 21-10-30 02-41-11.wav 21-10-30 02-41-15.wav				<u> </u>			Signal Interference		<u></u>
BD2 2021- BD2 2021-	21-10-30 02-40-12.wav 21-10-30 02-40-20.wav 21-10-30 02-40-27.wav 21-10-30 02-40-33.wav 21-10-30 02-40-41.wav 21-10-30 02-40-59.wav 21-10-30 02-41-11.wav					I		Signal Interference		

LoadmaPickarsNo Pickar ServicePickar ServicePickar ServiceNo OrderNo OrderNo ServiceNoD01D01300000000000000000000000000000000000	al Check Scientific Name	Common Name
LineControlControlSelect Select Sel		
BoxB		
BDTB		
BE         EC10382-30 Bar.         Description         Description <thdescription< th=""> <thdescription< th=""> <thd< td=""><td></td><td></td></thd<></thdescription<></thdescription<>		
BG     BC1900 36 V Var     B </td <td></td> <td></td>		
G21         G21110210000000000000000000000000000000		[
BDY     BDY <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
627         627-16-201-2-50 Area         Company         Significations:           628         627-16-201-2-50 Area         Company         Significations:           627         627-16-201-2-50 Area         Company         Significations:           628         627-16-201-2-50 Area         Company         Significations:           627         627-16-201-2-50 Area         Company         Significations:           628         627-16-201-2-50 Area         Company         Significations:           629         627-16-201-2-50 Area         Company         Significations:           628         627-16-201-2-50 Area         Company         Significations:           629         627-16-201-2-50 Area         Company         Significations:           629         627-16-201-2-50 Area         Company         Significations:           629         627-16-201-2-50 Area         Company         Significations:           620         627-16-201-2-50 Area         Company         Significations:           621         627-16-201-2-50 Area         Company         Significations:           626         627-16-201-2-50 Area         Company         Significations:           627         627-16-201-2-50 Area         Company         Significations:		
BD     DD     <		
BP1     SP113B 07-84-80 w/s     Image: SP113B 07-84-80 w/s     Sp12 Instruments       BP2     SP1145 07-84-80 w/s     Image: SP113B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 50 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 50 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s     Image: SP123B 07-84 70 w/s       DP2     SP1145 07-84 70 w/s		
SPC         SPC - 03, 02 - 03, 02 - 03, 03         Second S		
B01     B02     B02 <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td>		· · · · · · · · · · · · · · · · · · ·
BC       301-10-30       401-10-30       Alter and alter a		[
BCC     2011-03/0 26-347 xer     A     A     B     A     B <t< td=""><td></td><td></td></t<>		
BDC         221:1-58 00:438.0xm         M         M         M         M         Signil inderence           BDC         221:1-28 00:438.0xm         M         M         M         Signil inderence           BDC         221:1-28 00:438.0xm         M         M         M         Signil inderence           BDC         221:1-28 00:438.0xm         M         M         M         Signil inderence           BDC         221:1-28 00:448.0xm         M         M         M         Signil inderence           BDC         221:1-28 00:448.0xm         M         M         M         Signil inderence           BDC         221:1-28 00:44.0xm         M         M         M         Signil inderence		
BDD     D291100004308.aw     Image: Display interfaces     Signal interfaces       D22     D21103004517.aw     Image: Display interfaces     Signal interfaces       D23     D21103004517.aw     Image: Display interfaces     Signal interfaces       D24     D21103004517.aw     Image: Display interfaces     Signal interfaces       D23     D21103004517.aw     Image: Display interfaces     Signal interfaces       D24     D21103004517.aw     Image: Display interfaces     Signal interfaces       D23     D21103004517.aw     Image: Display interfaces     Signal interfaces       D24     D21103004517.aw     Image: Display interfaces     Signal interfaces       D22     D21103004517.aw     Image: Display in		
B02     201-1-03     001-1-03 </td <td></td> <td></td>		
B02     2021-003 204-37 aw     Image: Construction of the second		<u> </u>
BD2     BD2-10 S D2-43 Law     Signal hadeformand       BD2     BD2-10 S D2-44 Law     Signal hadeformand       BD2     BD2-10 S D2-44 S Aw     Signal hadeformand       BD2     BD2-10 S D2-45 S Aw     Signal hadeformand <t< td=""><td></td><td></td></t<>		
BD2       BD21+03 D07-44-83.ww       BD2       BD21+03 D07-44-87.ww       Signal hierforma         BD2       BD21+03 D07-45.87.ww       BD2       BD21+03 D07-45.87.ww       Signal hierforma         BD2       BD21+03 D07-45.87.ww       BD2       BD21+03 D07-45.87.ww       Signal hierforma         BD2       BD21+03 D07-44.12.ww       BD2       BD2       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD21+03 D07-44.02.ww       BD2       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma       Signal hierforma         BD2       BD21+03 D07-44.02.ww       BD2       BD2       Signal hierforma       Signal hierforma         BD2       BD21+03 D07-44.02.ww<		[
B02     B021-03.02-43-02.ww     B02     B021-03.02-43-02.ww     Signal Interference       B02     B021-103.02-43-07.ww     B02     B021-103.02-43-07.ww     B02     B021-103.02-43-07.ww       B02     B021-103.02-44-07.ww     B02     B021-103.02-44-07.ww     B02     B021-103.02-44-07.ww       B02     B021-103.02-44-07.ww     B02     B021-103.02-44-07.ww     B02     B021-103.02-47.02.ww       B02     B021-103.02-44-07.ww     B02     B021-103.02-47.02.ww     B02     B021-103.02-47.02.ww       B02     B021-103.02-47.0		
B02     B021 405 624 57.aw     Signal Interference     Signal Interference       B02     B021 105 62 44 4.2 ww     Image: Signal Interference     Signal Interference       B02     B021 105 62 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 62 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 62 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 44 4.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 44 5.5 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 45 5.4 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 45 5.0 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 45 5.0 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 45 5.0 ww     Image: Signal Interference     Signal Interference       B02     B021 105 02 45 0.0 ww     Image: Signal Interference<		
B02         2021-18-30 02-44-12 owar         Image: Contract of the second secon		
B02     2221-13.00 24-43 xw     Image: state of the state of		
B02       3221-16.38 02-44.38 w/V       Implementation of the second sec		
B02       2021-030 02-44.33 ww       Image: model increments of the second increments of the seco		
B12     2021-1-030 02-44 2ww     Image: B1     B1<		
1912       2021-1930 2244-42.www       Image: Signal Interference       Signal Interference         1912       2021-1930 2244-45.www       Image: Signal Interference       Signal Interference         1912       2021-1930 2245-16.www       Image: Signal Interference       Signal Interference         1912       2021-1930 2245-16.www       Image: Signal Interference       Signal Interference         1912       2021-1930 2245-18.www       Image: Signal Interference       Signal Interference         1912       2021-1930 2245-20.www       Image: Signal Interference       Signal Interference         1912       2021-1930 224-53.www       Image: Signal Interference       Signal Interference         1912       2021-1930 224-54.www       Image: Signal Interference       Signal Interference         1912       2021-1930 224-53.www       Image: Signal Interference       Signal Interference         1912       2021-1930 224-53.www       Image: Signal Interference       Signal Interference         1912       2021-1930		[
B02       2221-1030       244-45.ww       Image: Signal Interference       Signal Interference         B02       2221-1030       C45-03.ww       Image: Signal Interference       Signal Interference         B02       2221-1030       C45-03.ww       Image: Signal Interference       Signal Interference         B02       2211-1030		
B02       2021-03.00 24-50.3 w/v       Image: constraint of the second s		
BD2       2021-03.00 24-51 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-53 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-53 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-53 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-53 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-53 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.ww       Image: Signal Interference       Signal Interference         BD2       2021-03.00 24-63 8.w		
B02       2021-10-30 02-45-18.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-45-28.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-45-38.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-45-88.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-46-18.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-48-18.way       Image: stand interference       Signal Interference         B02       2021-10-30 02-47-18.way       Image: stand interference       Signal Interference         B02       2021-10		
BD2       2021-0300246-20.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-32.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-33.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-33.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-35.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-58.wav       Image: stand indefense       Signal Indefense         BD2       2021-0300246-05.wav       Image: stand indefense       Signal Indefense         BD2       2021-030024-05.wav       Image: stand indefense       Signal Indefense         BD2		
B02       2021-10-30 02-45-38 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-45-38 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-45-38 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-58 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-58 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-58 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-18 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-18 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-18 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-46-28 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-47-38 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-47-48 way       Image: Signal Interference       Signal Interference         B02       2021-10-30 02-47-48 way       Image: Signal Interference       Signal Interference         B02		l
BD2       2021-10-30.02-48-58 ww       M       M       M       M       Signal Interference         BD2       2021-10-30.02-48-58 ww       M       M       M       Signal Interference         BD2       2021-10-30.02-48-68 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-68 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-78 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-78 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-78 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-78 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-38 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-48-43 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-47-54 ww       M       M       Signal Interference       Signal Interference         BD2       2021-10-30.02-47-54 ww       <		[
BD2         2021-10-30 02-45-39, way         Image: style sty		
B02       2021-10-30 02-45-58 way       Image: state of the		
BD2         2021-10-30 02-46-10 way         Image: Constraint of the constraint		
BD2         2021-10-30 02-46-15 wav         Signal Interference           BD2         2021-10-30 02-46-32 wav         Signal Interference           BD2         2021-10-30 02-46-39 wav         Signal Interference           BD2         2021-10-30 02-47-10 wav         Signal Interference           BD2         2021-10-30 02-47-10 wav         Signal Interference           BD2         2021-10-30 02-47-10 wav         Signal Interference           BD2         2021-10-30 02-47-21 wav         Signal Interference           BD2         2021-10-30 02-47-31 wav         Signal Interference           BD2		
BD2       2021-10-30 02-46-15.way       Image: start of the		
BD2       2021-10-30 02-46-32.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-46-38.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-46-38.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-46-39.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-46-39.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-46-39.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-10.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-21.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-21.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-21.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-30.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-30.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-30.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-48.wav       Signal Interference       Signal Inte		l
BD2         2021-10-30 02-46-34.wav         Image: style styl		[
DD2         2021-10-30 02-46-38.wav         Image: Control of the second		
BD2         2021-10-30 02-46-39.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-10.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-21.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-25.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-35.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-35.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-48.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-47-48.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-48-11.wav         Image: Signal Interference         Signal Interference           BD2         2021-10-30 02-48-14.wav         Image: Signal Int		
BD2         2021-10-30 02-47-01.wav         Signal Interference         Signal Interference           BD2         2021-10-30 02-47-16.wav           Signal Interference         Signal Interference           BD2         2021-10-30 02-47-16.wav           Signal Interference         Signal Interference           BD2         2021-10-30 02-47-15.wav           Signal Interference         Signal Interference           BD2         2021-10-30 02-47-25.wav           Signal Interference         Signal Interference           BD2         2021-10-30 02-47-35.wav            Signal Interference           BD2         2021-10-30 02-47-35.wav            Signal Interference           BD2         2021-10-30 02-47-48.wav            Signal Interference           BD2         2021-10-30 02-47-48.wav            Signal Interference           BD2         2021-10-30 02-48-14.wav           Signal Interference            BD2         2021-10-30 02-48-14.wav           Signal Interference            BD2         2021-10-30 02-48-14.wav		
BD2       2021-10-30 02-47-10.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-21.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-21.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-30.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-38.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-47-48.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-48-11.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-48-14.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-48-14.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-48-43.wav       Signal Interference       Signal Interference         BD2       2021-10-30 02-48-55.wav       Signal Interference       Signal Inte		
BD22021-10-30 02-47-16.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-21.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-35.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-48.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-11.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-14.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-14.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-59.wavImage: signal		<u> </u>
BD22021-10-30 02-47-21.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-30.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-35.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-35.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-35.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-48.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-48.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-01.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-11.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-11.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-29.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-29.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-29.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-58.wavImage: signal		
BD22021-10-30 02-47-25.wavSignal InterferenceBD22021-10-30 02-47-30.wavImage: Signal InterferenceBD22021-10-30 02-47-35.wavImage: Signal InterferenceBD22021-10-30 02-47-48.wavImage: Signal InterferenceBD22021-10-30 02-47-48.wavImage: Signal InterferenceBD22021-10-30 02-48-01.wavImage: Signal InterferenceBD22021-10-30 02-48-11.wavImage: Signal InterferenceBD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-32.wavImage: Signal InterferenceBD22021-10-30 02-48-43.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-65.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22		
BD22021-10-30 02-47-30.wavSignal InterferenceBD22021-10-30 02-47-35.wavSignal InterferenceBD22021-10-30 02-47-48.wavSignal InterferenceBD22021-10-30 02-48-01.wavSignal InterferenceBD22021-10-30 02-48-11.wavSignal InterferenceBD22021-10-30 02-48-14.wavSignal InterferenceBD22021-10-30 02-48-14.wavSignal InterferenceBD22021-10-30 02-48-14.wavSignal InterferenceBD22021-10-30 02-48-14.wavSignal InterferenceBD22021-10-30 02-48-43.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-56.wavSignal InterferenceBD22021-10-30 02-48-56.wavSignal InterferenceBD22021-10-30 02-48-56.wavSignal InterferenceBD22021-10-30 02-48-56.wavSignal InterferenceBD22021-10-30 02-48-56.wavSignal InterferenceBD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-05.wavSignal InterferenceBD22021-10-30 02-49-25.wavSignal InterferenceBD22021-10-30 02-49-25.wavSignal InterferenceBD2 </td <td></td> <td></td>		
BD22021-10-30 02-47-35.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-47-48.wavImage: signal interferenceSignal interferenceBD22021-10-30 02-48-01.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-11.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-11.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-14.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-29.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-43.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-55.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-48-56.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-49-00.wavImage: signal interferenceImage: signal interferenceBD22021-10-30 02-49-25.wavImage: signal interference<		
BD22021-10-30 02-48-01.wavSignal InterferenceBD22021-10-30 02-48-11.wavSignal InterferenceBD22021-10-30 02-48-14.wavSignal InterferenceBD22021-10-30 02-48-29.wavSignal InterferenceBD22021-10-30 02-48-43.wavSignal InterferenceBD22021-10-30 02-48-43.wavSignal InterferenceBD22021-10-30 02-48-43.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-04.wavSignal InterferenceBD22021-10-30 02-49-25.wavSignal Interference <td></td> <td></td>		
BD22021-10-30 02-48-11.wavSignal InterferenceBD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-29.wavImage: Signal InterferenceBD22021-10-30 02-48-29.wavImage: Signal InterferenceBD22021-10-30 02-48-43.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-25.wavImage: Signal InterferenceBD22		
BD22021-10-30 02-48-14.wavImage: Signal InterferenceBD22021-10-30 02-48-29.wavImage: Signal InterferenceBD22021-10-30 02-48-33.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-25.wavImage: Signal InterferenceBD2 <td></td> <td></td>		
BD22021-10-30 02-48-29.wavImage: Signal InterferenceBD22021-10-30 02-48-33.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-25.wavImage: Signal InterferenceBD2 <td></td> <td></td>		
BD22021-10-30 02-48-43.wavImage: Signal InterferenceBD22021-10-30 02-48-55.wavImage: Signal InterferenceSignal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceImage: Signal InterferenceBD22021-10-30 02-49-25.wavImage: Signal InterferenceImage: Signal Interferenc		[
BD22021-10-30 02-48-55.wavSignal InterferenceBD22021-10-30 02-48-58.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-00.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-04.wavImage: Signal InterferenceBD22021-10-30 02-49-25.wavImage: Signal Interference		
BD22021-10-30 02-48-58.wavSignal InterferenceBD22021-10-30 02-49-00.wavImage: Constraint of the second seco		
BD22021-10-30 02-49-00.wavSignal InterferenceBD22021-10-30 02-49-04.wavCCSignal InterferenceBD22021-10-30 02-49-25.wavCCSignal InterferenceBD22021-10-30 02-49-25.wavCCSignal Interference		
BD2 2021-10-30 02-49-25.wav Signal Interference		
IBUZ IZUZT-10-30 02-49-35 WAV I I Signal Interference		
BD2 2021-10-30 02-49-33.wav Signal Interference Signal Interference		
BD2       2021-10-30 02-49-42.WaV       Signal Interference         BD2       2021-10-30 02-49-47.waV       Signal Interference		

Location	File Name	High Frequency	Low Frequency	Confirmed Species	Probable Species	1st Order	2nd Order	3rd Order	4th Order Probable ID	Manual Check	Scientific Name	Common Name
BD2	2021-10-30 02-49-52.wav								Signal Interference			
BD2	2021-10-30 02-50-06.wav								Signal Interference			
BD2	2021-10-30 02-50-12.wav								Signal Interference			
BD2	2021-10-30 02-50-27.wav								Signal Interference			
BD2	2021-10-30 02-50-40.wav								Signal Interference			
BD2	2021-10-30 02-50-56.wav								Signal Interference			
BD2	2021-10-30 02-51-13.wav								Signal Interference			
BD2	2021-10-30 02-51-29.wav								Signal Interference			
BD2	2021-10-30 02-51-34.wav								Signal Interference			
BD2	2021-10-30 02-51-38.wav								Signal Interference			
BD2	2021-10-30 02-51-46.wav								Signal Interference			
BD2	2021-10-30 02-51-49.wav								Signal Interference			
BD2	2021-10-30 02-51-54.wav								Signal Interference			
BD2	2021-10-30 02-52-12.wav								Signal Interference			
BD2	2021-10-30 02-52-25.wav								Signal Interference			
BD2	2021-10-30 02-52-35.wav								Signal Interference			
BD2	2021-10-30 02-52-41.wav								Signal Interference			
BD2	2021-10-30 02-52-44.wav								Signal Interference			
BD2	2021-10-30 02-53-02.wav								Signal Interference			
BD2	2021-10-30 02-53-10.wav								Signal Interference			
BD2	2021-10-30 02-53-28.wav								Signal Interference			
BD2	2021-10-30 02-53-34.wav								Signal Interference			
BD2	2021-10-30 02-53-51.wav								Signal Interference			
BD2	2021-10-30 02-54-09.wav								Signal Interference			
BD2	2021-10-30 02-54-14.wav								Signal Interference			

## Appendix H

Species List

# **Species Occurrences**

### Amphibians

COMMON NAME	SCIENTIFIC NAME	RANK
Blue-spotted Salamander	Ambystoma laterale	S4
Eastern Red-backed Salamander	Plethodon cinereus	S5
rds		
COMMON NAME	SCIENTIFIC NAME	RANK
Blue-winged Teal	Anas discors	$\mathbf{S4}$
Ruffed Grouse	Bonasa umbellus	S4
Purple Finch	Carpodacus purpureus	S4B
Northern Flicker	Colaptes auratus	S4B
Ovenbird	Seiurus aurocapilla	S4B
Wood Duck	Aix sponsa	S5
Blue Jay	Cyanocitta cristata	S5
Common Raven	Corvus corax	S5
Downy Woodpecker	Picoides pubescens	S5
Canada Goose	Branta canadensis	S5
White-breasted Nuthatch	Sitta carolinensis	S5
Red-breasted Nuthatch	Sitta canadensis	S5
Black-capped Chickadee	Poecile atricapillus	S5
Wild Turkey	Meleagris gallopavo	S5
Ring-necked Duck	Aythya collaris	S5
Mallard	Anas platyrhynchos	S5
Pileated Woodpecker	Dryocopus pileatus	S5
American Goldfinch	Carduelis tristis	S5B
White-throated Sparrow	Zonotrichia albicollis	S5B
Dark-eyed Junco	Junco hyemalis	S5B
Common Grackle	Quiscalus quiscula	S5B
Song Sparrow	Melospiza melodia	S5B
Hooded Merganser	Lophodytes cucullatus	S5B,S
Common Loon	Gavia immer	S5B,S
European Starling	Sturnus vulgaris	SNA
Snow Bunting	Plectrophenax nivalis	SNA

#### Mammals

RANK
S4
S5
S5
$\mathbf{S5}$
$\mathbf{S5}$
S5
S5

S5
S5
S5

### Vascular Plants

COMMON NAME	SCIENTIFIC NAME	RANK
Smooth Scouring-rush	Equisetum laevigatum	S4
New Jersey Tea	Ceanothus americanus	S4
American Beech	Fagus grandifolia	S4
Beach Pea	Lathyrus japonicus	S4
Few-seeded Sedge	Carex oligosperma	$\mathbf{S4}$
Virginia Creeper	Parthenocissus quinquefolia	S4?
Squaw-root	Conopholis americana	S4?
White Ash	Fraxinus americana	S4?
Eastern Hop-hornbeam	Ostrya virginiana	S5
Paper Birch	Betula papyrifera	S5
Dudley's Rush	Juncus dudleyi	S5
Mossy-cup Oak	Quercus macrocarpa	S5
Jack-in-the-pulpit	Arisaema triphyllum	S5
Peach-leaved Willow	Salix amygdaloides	S5
Tussock Sedge	Carex stricta	S5
Speckled Alder	Alnus incana	S5
White Oak	Quercus alba	S5
Wild Columbine	Aquilegia canadensis	S5
Trembling Aspen	Populus tremuloides	S5
White-grained Mountain-ricegrass	Oryzopsis asperifolia	S5
Pussy Willow	Salix discolor	S5
Yellow Trout-lily	Erythronium americanum	S5
White Trillium	Trillium grandiflorum	S5
Balsam Poplar	Populus balsamifera	S5
Sweet Fern	Comptonia peregrina	S5
Sweet Bayberry	Myrica gale	S5
American Elm	Ulmus americana	S5
Partridge-berry	Mitchella repens	S5
False Solomon's-seal	Maianthemum racemosum	S5
Creeping Juniper	Juniperus horizontalis	S5
Ostrich Fern	Matteuccia struthiopteris	$\mathbf{S5}$
Sensitive Fern	Onoclea sensibilis	$\mathbf{S5}$
Field Horsetail	Equisetum arvense	$\mathbf{S5}$
Floating Pondweed	Potamogeton natans	$\mathbf{S5}$
White Baneberry	Actaea pachypoda	S5
Bracken Fern	Pteridium aquilinum	S5
Red Baneberry	Actaea rubra	S5
Balsam Fir	Abies balsamea	$\mathbf{S5}$

Black Spruce	Picea mariana	$\mathbf{S5}$
Rock Polypody	Polypodium virginianum	$\mathbf{S5}$
Eastern Hemlock	Tsuga canadensis	$\mathbf{S5}$
Common Hornwort	Ceratophyllum demersum	$\mathbf{S5}$
Eastern White Cedar	Thuja occidentalis	S5
Broad-leaf Cattail	Typha latifolia	S5
Porcupine Sedge	Carex hystericina	$\mathbf{S5}$
Bladder Sedge	Carex intumescens	$\mathbf{S5}$
Lake-bank Sedge	Carex lacustris	$\mathbf{S5}$
Longstalk Sedge	Carex pedunculata	$\mathbf{S5}$
Slender Cotton-grass	Eriophorum gracile	$\mathbf{S5}$
Dark-green Bulrush	Scirpus atrovirens	$\mathbf{S5}$
Rufous Bulrush	Scirpus pendulus	$\mathbf{S5}$
Pointed Broom Sedge	Carex scoparia	S5
Eastern White Pine	Pinus strobus	S5
New England Aster	Symphyotrichum novae-angliae	S5
Fringed Loosestrife	Lysimachia ciliata	S5
Spotted Joe-pye Weed	Eutrochium maculatum var. maculatum	S5
Canada Goldenrod	Solidago canadensis var. canadensis	S5
Yarrow	Achillea millefolium	S5
Starved Aster	Symphyotrichum lateriflorum	S5
Northern Bush-honeysuckle	Diervilla lonicera	S5
Small Bedstraw	Galium trifidum	S5
Fleabane	Conyza canadensis	S5
White Heath Aster	Symphyotrichum pilosum var. pilosum	S5
Virginia Saxifrage	Micranthes virginiensis	S5
Tall Rattlesnake-root	Nabalus altissimus	S5
Wild Mock-cucumber	Echinocystis lobata	S5
Northern Red Oak	Quercus rubra	S5
Downy Arrowwood	Viburnum rafinesquianum	S5
Maple-leaf Viburnum	Viburnum acerifolium	S5
Mountain Fly-honeysuckle	Lonicera villosa	S5
Spreading Dogbane	Apocynum androsaemifolium	S5
Flat-top White Aster	Doellingeria umbellata var. pubens	S5
Bulb-bearing Water-hemlock	Cicuta bulbifera	S5
Pearly Everlasting	Anaphalis margaritacea	S5
Nannyberry	Viburnum lentago	S5
Yellow Birch	Betula alleghaniensis	S5
Downy Yellow Violet	Viola pubescens var. pubescens	S5
Flat-top White Aster	Doellingeria umbellata var. umbellata	S5
Woolly Blue Violet	Viola sororia	S5
American Larch	Larix laricina	S5
Narrow-leaved Cotton-grass	Eriophorum angustifolium	S5
Reed Canary Grass	Phalaris arundinacea	S5

Greater Bladderwort	Utricularia vulgaris	S5
Striped Maple	Acer pensylvanicum	$\mathbf{S5}$
Large-tooth Aspen	Populus grandidentata	$\mathbf{S5}$
Panicled Aster	Symphyotrichum lanceolatum ssp. lanceolatum	$\mathbf{S5}$
Teaberry	Gaultheria procumbens	$\mathbf{S5}$
Narrow-leaved Meadow-sweet	Spiraea alba	$\mathbf{S5}$
Pickerel Weed	Pontederia cordata	$\mathbf{S5}$
Common St. John's-wort	Hypericum punctatum	$\mathbf{S5}$
Northern Wild-raisin	Viburnum nudum var. cassinoides	$\mathbf{S5}$
Northern Bedstraw	Galium boreale	$\mathbf{S5}$
American Mountain-ash	Sorbus americana	$\mathbf{S5}$
Sugar Maple	Acer saccharum var. saccharum	$\mathbf{S5}$
Red Maple	Acer rubrum	$\mathbf{S5}$
Blue Vervain	Verbena hastata	S5
Staghorn Sumac	Rhus typhina	S5
Choke Cherry	Prunus virginiana	S5
Riverbank Grape	Vitis riparia	S5
Northern Prickley Ash	Zanthoxylum americanum	$\mathbf{S5}$
Mountain Holly	Ilex mucronata	$\mathbf{S5}$
Black Raspberry	Rubus occidentalis	$\mathbf{S5}$
White Avens	Geum canadense	$\mathbf{S5}$
Northern Starflower	Trientalis borealis	$\mathbf{S5}$
May Apple	Podophyllum peltatum	$\mathbf{S5}$
Canada Anemone	Anemone canadensis	$\mathbf{S5}$
American Witch-hazel	Hamamelis virginiana	S5
Wild Black Cherry	Prunus serotina	S5
Bunchberry	Cornus canadensis	S5
Wild Sarsaparilla	Aralia nudicaulis	S5
Common Water-milfoil	Myriophyllum sibiricum	S5
Red-osier Dogwood	Cornus sericea	S5
American Basswood	Tilia americana	$\mathbf{S5}$
White Water-lily	Nymphaea odorata ssp. odorata	S5?
Black Ash	Fraxinus nigra	S5?
Butter-and-eggs	Linaria vulgaris	SNA
Creeping Cinquefoil	Potentilla reptans	SNA
White Sweet Clover	Melilotus albus	SNA
Canada Bluegrass	Poa compressa	SNA
Garden Asparagus-fern	Asparagus officinalis	SNA
Scotch Pine	Pinus sylvestris	SNA
Common Red Raspberry	Rubus idaeus ssp. idaeus	SNA
Lady's Thumb	Persicaria maculosa	SNA
Hard Fescue	Festuca trachyphylla	SNA
Colt's Foot	Tussilago farfara	SNA
Yellow Evening Primrose	Oenothera serrulata	SNA

Narrow-leaved Cattail	Typha angustifolia	SNA
Sheep Sorrel	Rumex acetosella	SNA
Tall Butter-cup	Ranunculus acris	SNA
Common Mother-wort	Leonurus cardiaca	SNA
Smooth Crabgrass	Digitaria ischaemum	SNA
Chicory	Cichorium intybus	SNA
A St. John's-wort	Hypericum perforatum	SNA
Tartarian Honeysuckle	Lonicera tatarica	SNA
Mayweed	Anthemis cotula	SNA
Common Canary Grass	Phalaris canariensis	SNA
Creeping Bellflower	Campanula rapunculoides	SNA
Meadow Timothy	Phleum pratense	SNA
Mouseear	Pilosella officinarum	SNA
Brown-seed Dandelion	Taraxacum officinale	SNA
Herb-robert	Geranium robertianum	SNA
English Plantain	Plantago lanceolata	SNA
Buckthorn	Rhamnus cathartica	SNA
Field Brome	Bromus arvensis	SNA
Thyme-leaved Speedwell	Veronica serpyllifolia	SNA
Red Clover	Trifolium pratense	SNA
Low Hop Clover	Trifolium campestre	SNA
Creeping Jennie	Lysimachia nummularia	SNA
Wild Carrot	Daucus carota	SNA
Brown-eyed Susan	Rudbeckia triloba	SNA
Lesser Chickweed	Stellaria pallida	SNA
Duckweed	Lemna turionifera	SNR