St. Lawrence – Champlain Valley Ecoregion
Biodiversity Conservation Plan

FIRST ITERATION

JULY 2002

FINAL DRAFT
July 18, 2002
(minor revisions – 11/08/02)
(minor edits – 5/20/03)

The Nature Conservancy

***Authors**: Elizabeth Thompson, Katherine Moss, David Hunt, Paul Novak, Eric Sorenson, Ana Ruesink, Mark Anderson, Arlene Olivero, Charles Ferree, and Shyama Khanna*

The Nature Conservancy gratefully acknowledges all Heritage Programs, their cooperating institutions, and other cooperators for the time and energy that has gone into collecting and maintaining the data contained in this report.
This information was assembled for use by The Nature Conservancy and the Natural Heritage Network in conservation planning for the St. Lawrence – Champlain Valley Ecoregion.

TABLE OF CONTENTS

PARTICIPANTS IN THE PLANNING PROCESS

Core Team
Liz Thompson, Team Leader
Bob Zaremba, former Team Leader
Ana Ruesink, former Team Leader and Botany Working Group Leader
Paul Novak, Zoology Working Group Leader
Eric Sorenson, Terrestrial Communities Working Group Leader
David Hunt, Aquatic Working Group Leader
Mark Anderson, Eastern Conservation Science Director and Matrix Features Working Group Leader
Bob Klein, Project Sponsor

Botany Working Group
Ana Ruesink, Working Group Leader
Bob Popp
Louise Gratton

Zoology Working Group
Paul Novak, Working Group Leader
Kathy Schneider, former Working Group Leader
Mark Ferguson
Sandy Bonanno
Ana Ruesink

Terrestrial Communities Working Group
Eric Sorenson, Working Group Leader
David Hunt
Mark Anderson
Bob Zaremba

Aquatic Features Working Group
David Hunt , Working Group Leader
Mark Anderson, Leader for work originating at TNC Eastern Conservation Science
Eric Sorenson
Arlene Olivero
Cooperators: Mark Bryer, Sandy Bonanno, Bob Zaremba, Liz Thompson, Bill Brown, Greg Edinger, Judy Ross, Susan Warren, Steve Fiske, Rich Langdon, Mark Fitzgerald, Gerry Smith, Jonathan Higgins, Paul Novak, Kathy Schneider.

Matrix Features Working Group
Mark Anderson, Working Group Leader
Liz Thompson
Bob Zaremba
Charles Ferree
Ana Ruesink

Eric Sorenson
David Hunt
Sandy Bonanno
Bill Brown
Chris Maron
Jim Howe
Louise Gratton
Ann Johnson

Other Participants in All-Team Meetings
Michael Carr
Mary Droege
John Roe
David Klein
Andy Beers
John Riley
Ann Werner
Heather Potter
Tom Brown

A CONSERVATION VISION FOR THE ST. LAWRENCE – CHAMPLAIN VALLEY ECOREGION

The St. Lawrence – Champlain Valley Ecoregion is a diverse and beautiful place, with vast stretches of fertile land, rich woodlands, vibrant wetlands, dramatic cliffs, one of the continent's largest rivers, the St. Lawrence, and the continent's sixth largest lake, Lake Champlain. The ecoregion hosts a number of endemic species as well as more widespread species at the edges of their ranges. It provides critical habitat for migratory birds, breeding grassland birds, and wintering raptors.

Because of its fertile soils, relatively mild climate, and stunning scenery, the ecoregion has been used by humans for at least 10,000 years, and very heavily for the last 300 of these. Some of the species that once occurred in the ecoregion have been extirpated, either throughout the east or in the ecoregion alone. Others are in decline or otherwise vulnerable. The upland and wetland natural communities of the region have been reduced in many cases to small, isolated fragments that harbor exotic species and have lost much of their integrity. The lakes, ponds, rivers, and streams that define this ecoregion are compromised by pollution and damming. Conservation of this region's biological diversity will be a challenge.

We identified several key threats to the biological diversity of the ecoregion: water flow manipulation, landscape fragmentation, invasive exotic species, intensive agriculture, intensive forestry, a weak conservation ethic in the human population overall, and pollution of all kinds. Abating these threats will require creative approaches and hard work. Restoration of ecological systems and their component species will be vital to success in conserving both the uplands and the aquatic features of the ecoregion. Influencing public policy in the areas of water management, agriculture, forestry, and transportation will be crucial. Deep and committed partnerships in all these endeavors will be more important than ever if we wish to be successful in achieving our goals.

We envision an ecoregion that, 100 years from today, supports intact and viable terrestrial and aquatic systems along with all their native species, and healthy human communities that work to maintain the natural integrity of the region.

CHAPTER 1: INTRODUCTION

Ecoregional Planning

The Nature Conservancy's mission is to preserve the plants, animals, and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive. The increasing rate of extinction in recent years has led scientists at the Conservancy to become concerned that the organization's former focus on conserving rare and threatened species and natural communities was insufficient. The scientists realized that in order to fully carry out the Conservancy's mission and effectively protect biodiversity, the organization needed to expand its efforts and broaden the scope of its work. This initiative resulted in an organizational shift towards protecting landscapes on an ecoregional scale.

First of all, planning by ecoregions, or areas that are unified in climate, topography, geology, and vegetation, is more sensible ecologically than planning within political boundaries such as states or provinces. Planning conservation action by ecoregions will ensure that we conserve the full array of species, communities, and ecosystems that make up the diversity of life on earth.

Secondly, ecoregional planning methods improve on the Conservancy's traditional approach of protecting mainly rare species and rare communities by expanding to include common ecosystems that are representative of each ecoregion. Protection of good examples of these representative ecosystems can serve as a coarse filter, protecting a broad diversity of common and rare species.

Ecoregional plans that address both the rare and the common, at the species, community, and landscape levels, will guide the Conservancy's actions for years to come.

Using all available data on the distribution of ecosystems, communities, and species, Conservancy teams and our partners are working to design networks of conservation areas within each ecoregion. The Conservancy has identified 867 different ecoregions around the world. The St. Lawrence – Champlain Valley Ecoregion is one of sixty-three ecoregions in the United States. This ecoregion straddles the U.S.-Canada border, and includes parts of western Vermont, eastern and northern New York, and the southwestern portion of the province of Québec.

This conservation plan addresses only the United States portion of the ecoregion, although Canadian scientists participated throughout the process and provided detailed data and locational information, particularly for rare and vulnerable plants. Planning for the Canadian portion of the ecoregion is underway, and will build upon the plan presented here. Completion of the Canadian portion of the plan is planned for December, 2003.

This plan for the U.S. portion of the St. Lawrence – Champlain Valley Ecoregion identifies a set of *portfolio sites,* or areas that need to be protected in order to conserve the native biodiversity of the region into the future. The plan is a product of a collective initiative between many people and organizations who participated in the project as partners, experts and advisors. Members of this cooperative effort included Conservancy staff, Natural Heritage Program scientists, university professionals, state and federal agencies, other conservation organizations, and local experts.

The portfolio of conservation sites ranges from small (several acres) to very large (tens of thousands of acres) sites. TNC chapters have chosen a subset of these sites, their *ten-year action sites,* where they will focus conservation activity in the next ten years. For these sites, the Conservancy will develop detailed *Site Conservation Plans* which will spell out the specific actions needed to protect the site's biological integrity.

This strategic, science-based planning process is only the beginning of many opportunities to share information and work collectively to protect this beautiful and diverse region.

Conservation goals

The work done by the scientific planning team (the *Core Team)* had three major steps. First, we set general conservation goals, as follows:

Our overarching goal is to maintain the long-term viability of all native plant and animal species and examples of all natural communities across their natural ranges of occurrence and variation within the ecoregion while maintaining the natural processes critical to ensuring long-term ecological integrity.

Specifically, the conservation objectives for the St. Lawrence – Champlain Valley Ecoregion are:

1. To ensure the continued existence of the four matrix communities- Northern Hardwood Forest, Rich Northern Hardwood Forest, Valley Clayplain Forest, and the Floodplain Forest found in Québec and restore the natural processes, including succession, to promote the development of intact forest with complex structure, accumulating biological legacies and trees that reach their full, natural life spans.
2. To protect multiple viable occurrences of all the region's natural communities through the development of a portfolio of conservation sites. The occurrences should represent the range of variability found within each of the communities in the ecoregion;
3. To incorporate into the portfolio of sites viable occurrences of all declining, disjunct, or otherwise vulnerable species, with the goal of protecting multiple viable occurrences of each species in the variety of habitats and ecoregional contexts in which it naturally occurs.
4. To protect the full array of aquatic systems found within the ecoregion.

Methods

Working with the goals stated above, the scientists then identified conservation targets, that is the species, natural communities, and landscapes that represent the ecoregion's biological diversity and that need protection in order to meet the conservation goals.

The team then set very detailed conservation goals for each of the targets, specifying how many populations or how many examples of each target species or community we needed to protect in the ecoregion. The teams also defined the criteria for what constitutes a viable example of each target.

The team then analyzed data for all occurrences of target species, natural communities, landscapes, and aquatic systems. These analyses focused on assessments of the long-term viability of each of the occurrences. Based on these analyses, a set of sites was chosen which contain viable occurrences of species, communities, or landscape targets.

The team also identified the threats that the ecoregion currently faces and analyzed land ownership patterns and other local conditions that would support or hinder our conservation efforts.

The team then prioritized portfolio sites for conservation action within the next ten years, based on biological value, threats, and feasibility. They identified a subset of the sites as **"ten-year action sites",** or sites that Conservancy staff will work to protect within the next ten years. In some cases, TNC will take the lead in protecting these sites; in others, partner organizations will take the lead, but TNC staff will support their efforts.

As we collected, analyzed, and presented our data, both the extent and the limits of our information became clear. Knowledge of information gaps will enable the Conservancy and its partners to better focus future inventory, research, and site monitoring in the St. Lawrence – Champlain Valley Ecoregion.

Specifically, we hope to address gaps in our understanding of the region's aquatic systems by gathering species-level inventory information. In addition, there are certain groups of species where our current information is very limited. Mosses, lichens, liverworts, fungi and algae all need more study. The ecoregion's invertebrates are also poorly known. Another gap in our understanding is the condition of the ecoregion prior to European settlement. Historical research might provide insights into the pre-settlement structure and composition of the region's natural communities.

CHAPTER 2: INTRODUCTION TO THE ST. LAWRENCE – CHAMPLAIN VALLEY ECOREGION

Ecological Description

Bordered on the northern edge by the Canadian Shield, the St. Lawrence Valley carries water from the Great Lakes eastward to the Atlantic Ocean. The St. Lawrence River is one of the greatest waterways in North America, draining the entire Great Lakes system, emptying water that originated as far as the forests in Minnesota and collecting from its vast watershed until discharging almost 230,000 cubic feet (6,515 cubic meters) per second into the Atlantic at the eastern boundary of the ecoregion.

At the western edge of the ecoregion, the St. Lawrence Valley begins where Lake Ontario narrows to form the St. Lawrence River. Here, the channel widens and the water flows through the Thousand Islands between Ontario and New York State. Just before reaching the city of Montreal, the Ottawa River joins the St. Lawrence. The Ottawa River is bound on its north by the Canadian Shield, but the vast plain on the southern side stays at a low elevation until the flat expanse reaches the northern edge of the St. Lawrence River. Although this area of low-lying land, made up of low-elevation forests, agricultural fields, estuaries, rivers, and streams, is currently part of the Great Lakes Ecoregion, in time, it would be logical to add it to the St. Lawrence – Champlain Valley Ecoregion. From Montreal, the St. Lawrence River flows at near-sea-level elevation. From Trois-Rivieres downstream, it is affected by ocean tides.

To the west, the ecoregion follows the western edge of the Adirondacks in a southward-stretching area of low-lying land that wraps around the Tug Hill Plateau. The other southern extension of the ecoregion is the Lake Champlain Valley that lies between New York State and Vermont. From the peaks of the Green Mountains or the Adirondacks, one sees breathtaking views of the low-lying valley of Lake Champlain, the expansive body of water, the flat agricultural lands that border the lake, the foothills and the mountains in the distance. The narrow valley has the longest growing season in the region and is highly productive agriculturally. Because of the historical importance of the lake as commercial highway, a number of the region's largest populations centers lie on the shores of Lake Champlain. The largest cities on the New York side of the lake include Ticonderoga at the southern tip and Plattsburgh at the northern end of the lake. In Vermont, the population centers are primarily focused in Burlington, Winooski, Essex Junction and St. Albans.

In 1998, The Nature Conservancy identified the St. Lawrence – Champlain Valley Ecoregion as distinct from the larger Great Lakes Ecoregion, of which it had formerly been a part, based on the area's unique patterns of vegetation, climate, hydrology and a more complete consideration of the Canadian portion. From mountain streams to the deltas and marshes that line the shores of the St. Lawrence River and Lake Champlain, this ecoregion is defined in a large part by the waters flowing through it and the relationship between the aquatic features and the land. The region is set apart from the landscape around it because of its low elevation, soil types, topography, plant communities, climate, and endemic species.

The landscape that makes up the ecoregion is defined by natural and human processes. Glacial activity resulted in changes to the topography, the soils and aquatic processes. Today, the rich agricultural lands in the area lie on highly productive alkaline soils that are made up of glacial lake and marine sediments. The cliffs, wetlands and remnant forests that can be found along the shores of the waterways and into the foothills provide critical habitat to migratory birds and other species ranging from common to rare. Many of the species located in the St. Lawrence – Champlain Valley ecoregion are under threat as a result of human activities. Past land uses include mining, tanneries, logging, agriculture, factories, and mill ponds. These have all had a dramatic and lasting impact on the ecoregion. Today, additional threats include invasive exotic species, altered hydrologic systems, byproducts of agricultural practices (chemicals, nutrients, and sediments), land conversion, and urban sprawl, all of which endanger the biodiversity found here.

Geography

The 18,338 square miles of the St. Lawrence – Champlain Valley ecoregion include portions of two states, New York and Vermont, and the Canadian province of Québec. Almost 24% of the land included in the ecoregion is located in New York, 9.9% is located in Vermont, and 66.3% is located in Québec. The landscape encompassed by the ecoregion is comprised of lowlands surrounding two prominent bodies of water, the St. Lawrence River and Lake Champlain.

The ecoregion falls entirely within the Laurentian Mixed Forest Province of the U.S. Forest Service (199_). Within this physiographic scheme, the region includes the St. Lawrence Glacial Marine Plain, the St. Lawrence Till Plain, the Champlain Glacial Lake and Marine Plain, the Champlain Hills and the St. Lawrence Glacial Lake Plain.

Some of the many interesting features of the St. Lawrence – Champlain Valley ecoregion include the following:

- The St. Lawrence River is one of the major waterways of North America, extending 760 miles (1,224 km) from Lake Ontario to the Gulf of St. Lawrence north of the Gaspe Peninsula, and draining the entire Great Lakes system.
- Lake Champlain is roughly 490 square miles and up to 400 feet deep. It is sometimes referred to as the sixth Great Lake.
- Open water makes up 9.5 percent of the U.S. portion of the ecoregion and 0.8 percent of the Québec portion of the ecoregion.
- The ecoregion provides critical habitat for migratory birds, breeding grassland birds and also for wintering raptors including bald eagles, hawks, and owls.
- The region is an important regional flyway that provides stopover habitat for migratory forest land birds.
- Montréal, Québec is the largest population center in the ecoregion, with a population of about 3.5 million people in the metropolitan area.
- Burlington is the largest population center in Vermont, with a regional population of about 120,000.
- Plattsburgh is the largest population center in the New York portion of the ecoregion with a population of about 30,000 people

Geology and topography

The St. Lawrence River Valley and the Lake Champlain Valley stand out from the land that surrounds them. The land is primarily flat as a result of the underlying bedrock, the weight of ancient glaciers, and the shifting levels of the water that filled the valleys. Elevations in the Champlain Valley range from 95 feet above sea level on the shores of the lake to 1,800 feet in the foothills of eastern Franklin and Chittenden counties. The elevations of the land surrounding the St. Lawrence River are slightly lower than those surrounding Lake Champlain. Elevations in the St. Lawrence Valley range from very low elevations along the drainages of the St. Lawrence to sea level as it empties into the ocean. The surrounding low slopes range in elevation from 80-180 feet. The foothills surrounding these slopes range from 590-1,200 feet before rising into the bordering Adirondacks, Green Mountains and the Canadian Shield.

This ecoregion has some of the oldest rocks in the northeast. Ordovician limestones, dolomites, and shales, the prominent rocks in the region, are often filled with fossil trilobites, snails, corals and algae that provide evidence of the marine environment which once existed here. These rocks and the processes that have shaped them give the area much of its character. Thrust faults created during the Taconic Orogeny have left behind cliffs and steep slopes that provide specialized habitats like rock outcrops and talus.

In very recent times, at least geologically speaking, glaciers transformed these valleys, as they did all of North America. Following the retreat of glaciers from the region, which occurred roughly 13,500 years ago, the valleys were filled with fresh water. Lake Champlain went through a transition from the glacial fresh water of Lake Vermont to the brackish Champlain Sea as seawater entered the valley from the Atlantic by way of the St. Lawrence River. Changes brought by the glaciers left lasting effects in the St. Lawrence Valley in the form of marine plains and rolling, low, parallel ridges. The streams, rivers and lakes that fed these bodies of water carried huge loads of sediments which they deposited as they emptied into Lake Vermont, the Champlain Sea, and the St. Lawrence River. The resulting formations of deltas and beaches deposited by post-glacial lakes and seas and also by the rivers that emptied into these bodies of water account for the gravels, sands, fine silts, and clays that occupy much of the region today. In fact, it was the flooding of these basins by lake and sea, and the movement of sediments in the valleys, which had more of an effect on the soils found in this ecoregion than any other factor. Most soils throughout the ecoregion developed in post-glacial lake and marine deposits of gravel, sand, and clay.

The nearly level clay plains that occupy much of the low-lying land in the ecoregion are incised by streams and pockmarked by small lakes, ponds, and wetlands. The soils here have naturally poor drainage because of the fine clay particles. The lowest elevations of the Champlain Valley are made up of clay soils. This wet, sticky clay, although hard to plow in the spring, makes for highly productive agricultural lands. The well-drained deltaic sands of the valley are also very flat and divided by occasional stream channels that have caused locally steep topography in certain areas. The soils in the region’s foothills were not as affected by the water bodies as the lower elevations. Instead, they were scoured by retreating glaciers that left a layer of glacial till over the bedrock. The soils in the St. Lawrence Valley are made up primarily of marine clays that resulted from an influx of seawater at the end of the glacial period.

Climate

Overall, the St. Lawrence – Champlain Valley ecoregion has a temperate climate that accounts for warm to hot summer temperatures and cold winters. Water plays a central role in the climate of this ecoregion. Both the St. Lawrence River and Lake Champlain have a moderating affect on temperatures within the region. Summer temperatures tend to be higher in the valleys than in surrounding areas, with an average July temperature in the St. Lawrence River Valley of 69?F and upwards of 70?F in the Champlain Valley. Winter temperatures in the ecoregion also tend to be higher than in surrounding areas. In January, the average temperature around the St. Lawrence River Valley is 13?F, while the average temperature in the Champlain Valley is 19?F. Latitude and elevation also affect temperature. Low winter temperatures are primarily a result of the region's latitude, while warm summer temperatures are primarily a result of low elevation.

The St. Lawrence – Champlain Valley ecoregion tends to be warm and dry. Average annual precipitation ranges from 28 inches in the valleys to 38 inches or more in the foothills. In contrast, the highest parts of the adjacent Green Mountains get over 70 inches of precipitation in the average year and the Adirondacks get over 40 inches per year.

The growing season in this area generally lasts from 120 to 140 days, but increases to about 160 days in a narrow belt around Lake Champlain, where the growing season is very similar to parts of the southern Connecticut River Valley. Vermonters and New Yorkers who farm in the Champlain Valley refer to the area as the "banana belt." Although some warm-climate crops are grown successfully here, the growing season doesn't actually provide enough warm weather for bananas to grow.

Vegetation

Pre-settlement forest data derived from early town boundary surveys shed some light on what trees once grew in the ecoregion. According to these accounts in the Champlain and St. Lawrence valleys, the forests on the clayplain (flat regions of fine-grain surficial deposits) were variously dominated by red maple, beech, hemlock, swamp white oak, bur oak, white oak, white ash, and shagbark hickory. In the sandplains, evidence suggests that black oak, red oak, white pine, pitch pine, and red maple were common. Today, in the remnant patches of clayplain and sandplain forests, these are still the dominant species. Near Lake Champlain, on the calcareous soils occurring over limestone and dolomite, the prevailing species included northern white cedar, shagbark hickory, oaks, and maples. The glacial till soils in the foothills surrounding the valley supported upland northern hardwood forests. Evidence suggests that oaks were probably present in much lower numbers than can be seen today and that they grew mainly in the driest sites.

The early surveys are our only glimpse into the pre-settlement forest, because most of the lowlands of the ecoregion have been converted to agricultural use. With their warm climates and fertile, nearly stone-free soils, both the Champlain Valley and the St. Lawrence River Valley were ideal for early settlement and farming. Beginning in the late 18th century, settlers cleared the forests of the region, draining the lowlands, and planting crops. Today, small remnants of characteristic natural communities that once dominated the ecoregion include clayplain forests and sandplain forests.

Biodiversity and endemism

As temperatures warmed following the last glaciation, an unusual landscape was left behind. The barren lowlands were free of ice earlier than the surrounding mountains and species from the south began moving northward to fill the ice-free areas. The plants and animals that colonized the region evolved over time, leading to a small but distinct set of endemic, or strictly localized, species and subspecies, such as Champlain beachgrass.

Rare species (including these few endemic species along with species that occur elsewhere) in the region include Champlain beach grass (*Ammophila champlainensis*), lake sturgeon (*Acipenser fulvescens*), and eastern spiny soft shell turtle (*Apalone spinifera*). Other species requiring special focus because of their rarity are Blandings turtle (*Emydoidea blandingi*), Indiana bat (*Myotis sodalis*), small-footed myotis (*Myotis leibbii*), and elusive clubtail (*Stylurus notatus*). In addition to the lake sturgeon, fish species like the Eastern sand-darter (*Ammocrypta pellucida*), the copper red horse (*Moxostoma hubbsi*), and the greater red horse (*Moxostoma valencienessa*) are declining in the rivers and streams within the ecoregion. Birds that have been listed as targets for protection include species that are important regionally, are threatened, or have numbers that are currently declining. Some of these birds include the boblink (*Dolichonyx oryzivorus*), bank swallow (*Riperia riperia*), Cerulean warbler (*Dendroica cerulea*), upland sandpiper (*Bartramia longicauda*) and Henslow's sparrow (*Ammodramus henslowii*). Grassland areas, along with marshes and swamps are particularly important areas for these birds. Some of the twelve plant species that are either endemic or threatened and have been listed as primary targets include Eaton's beggar-ticks (*Bidens eatonii*), rugulose grape-fern (*Botrychium rugulosum*), ram's-head lady's-slipper (*Cypripedium arietinum*), and Victorin's gentian (*Gentianopsis victorinii*).

Land Use Trends and Current Threats

Humans have occupied the St. Lawrence and Champlain Valleys for at least 10,000 years, adapting their way of life to a changing environment. Initially, people lived in small, nomadic groups and then later lived in larger settlements. Historically, the area was within the Iroquois Tribal Territory. European exploration of the area began in the 17th century with explorers, then fur traders and settlers in the 18th century. Initial changes brought on by settlement were the reduction of certain species to support the fur trade, like beavers and fishers that were essentially hunted to extinction in the region. The significant change the settlers brought to the landscape was the amount of forest they cleared for agriculture and sheep pasture. By 1830, 75% of the area had been cleared, but by 1850, many of these farms had been abandoned as residents moved west in search of more productive soils. The forests that have regrown in these areas have been repeatedly harvested throughout subsequent years and the trees that stand today in remnant patches are commonly third or fourth successions of growth.

Today, the human threats facing the ecoregion are somewhat different than they have been historically. The most significant of these threats stems from commercial and residential development, and agricultural runoff, which have lead to problems with water quality, air quality, habitat reduction, and fragmentation. Other human-caused changes to the landscape include fire suppression and the subsequent loss of trees relying on fire to reproduce. Additionally there has been an influx of invasive species some of which pose

potential problems to the native species in the ecoregion. While only about 6 percent of the land in the ecoregion is used for urban development, the roughly 5 million people who live within these valleys have dramatic impacts on the landscape. The largest population centers within the ecoregion lie in Canada. They are Montréal, Ottawa, and Québec, with about 3.5 million, 1,065,000, and 700,000 respectively. In Vermont, the largest population centers are Burlington and St. Albans with 120,000 and 13,000. In New York State the primary population centers are Plattsburgh, Watertown, and Ticonderoga with populations of 30,000, 26,700, and 5,000.

Other threats come from a variety of sources, some of them indirectly from humans. Insect and disease disturbances have occurred in the form of Dutch elm disease, chestnut blight (both of these introduced from Asia), gypsy moth (introduced from Europe), beech bark disease, false pine budworm, and butternut canker. Within the ecoregion, periodic outbreaks of insects and diseases have devastated thousands of forested acres. Some of these cycles occur naturally; others result from human introductions of pathogens. Some of the prominent trees in our forest communities have been nearly eliminated by these natural and introduced causes.

[maps]
1) Full Ecoregion: Elevation & Major Streams
2) Full Ecoregion: Bedrock Geology
3) Full Ecoregion: Ecological Land Units (landforms, geology, hydrology)

CHAPTER 3: DETAILED METHODS AND RESULTS

Introduction and General Principles

To facilitate the development of a portfolio of conservation sites, we established five working groups to cover different elements of biodiversity. The five groups evaluated plants, animals, terrestrial natural communities, aquatic communities, and landscape-scale (matrix) features.

Each group used the same general methodology, which included four steps: *1) selecting conservation targets; 2) setting conservation goals for these targets; 3) assessing sites for viability;* and *4) selecting portfolio sites.*

Selecting conservation targets involved prioritizing the elements of biological diversity based on the assumptions that 1) it is necessary to protect especially vulnerable species, such as global rarities, disjunct species, species at their range limits, and declining species, in this ecoregion and, 2) terrestrial and aquatic communities will serve as a coarse filter for biodiversity as long as all types are represented at appropriate scales. Therefore, all vulnerable species were selected as targets and all aquatic and terrestrial community types were selected as targets. ***Primary targets*** are those targets that require specific conservation attention. They include all ecosystems, communities and most rare species. ***Secondary targets*** are species of concern in this ecoregion that we believe will receive adequate protection through the coarse filter strategy of conserving best examples of all ecosystems and communities. Secondary targets include several declining, less vulnerable or poorly understood (in terms of taxonomy or distribution) species. These will receive conservation attention within the context of the ecosystems that they are associated with. It is our assumption that the coarse filter approach will protect these, but this assumption needs to be tested.

Setting conservation goals involved determining minimum numbers and distributions of populations or community examples needed to ensure long-term survival in the ecoregion. Setting numerical goals required studying the literature on the probabilities of extinction under different scenarios as well as making estimates of population numbers needed based on expert opinion. In general, our numerical goals for species are quite low, lower than is probably necessary to maintain each of the species in the ecoregion. They should be considered *initial minimums,* and serve as useful conservation benchmarks. We have set minimum goals at this time for practical reasons – many species are found in very low numbers, for example with fewer than five occurrences in the ecoregion or even worldwide. Even though we acknowledge that these very rare species are not demonstrably secure, we have not yet developed techniques to improve their status. Improving their status (for example, changing a global rank from G1 to G2) will require restoration efforts that are likely to be difficult and expensive.

Lack of knowledge of restoration techniques, however, should not prevent us from setting goals that truly will allow us to achieve conservation success. The numerical goals set here should be reassessed in the next iteration of the plan, and in most cases increased.

Distributional goals are different in character from numerical goals, but there is a similar level of uncertainty. Our general approach was to ensure that all species and community types were represented in the portfolio consistently with their natural distribution in the

ecoregion. In most cases we used the subsections of Bailey's ecoregional classification to evaluate distributional patterns. A more sophisticated biophysical analysis was used for matrix-forming forest targets.

Assessing sites for viability involved, for species, looking at population sizes, reproductive success when it was known, condition of the habitat and surrounding landscape, and potential for long-term success at each site. For communities, it involved looking at current condition, size, landscape setting, connectivity to other communities, and likelihood of long-term persistence at the site. These assessments were made for sites representing a single community occurrence as well as for large landscape (matrix) areas.

Selecting portfolio sites was done based on the viability assessments – in short, all viable sites for primary target species and community types were included in the portfolio. Very rarely there was a surplus of known viable occurrences to choose from – in these cases we selected the best set to meet the numerical and distributional goals. For landscape-scale (matrix) areas, a slightly different methodology was used.

Each of the five working groups used slight variations on these basic four steps, based on the biology of the elements they were working with and on the differences in available data for each group. The details of their work are described briefly below and in more detail in the appendices and supporting documents.

Plants

Although this plan treats only the U.S. portion of the ecoregion comprehensively, the botany working group was unique in that they analyzed data from both the United States and Québec. They took the following steps toward selecting portfolio sites.

Selecting conservation targets for plants

The group reviewed all G1 to G3 species (including G3G4 species, and T1 or T2 species) known from the ecoregion. This involved checking on recent work on the taxonomy and nomenclature of each to ensure that the rare taxon is still recognized and that we are using the correct name.

They then reviewed all other vulnerable plant species in the region, including

- significant disjuncts (populations that are isolated enough from the species' main range that genetic exchange is unlikely);
- populations with unique genetic variation or occurring in a unique ecological context;
- populations at the far edges of their species range; and
- ecoregion endemics known to be vulnerable and in decline.

The group then selected 45 target species that met either rarity or vulnerability criteria. Of these, twelve are primary targets (G1 through G3G4 species with known EOs in the ecoregion). Three are provisional primary targets (globally rare species with taxonomic questions). In this plan these three are treated as secondary targets. Thirty are secondary targets (state-or province-rare species that warrant protection based on distribution – all are at the edges of their ranges and may be vulnerable for other reasons). All primary and secondary targets are listed in Appendix A, and more detailed information is provided in the Supporting Documents.

Setting conservation goals

The group set numerical conservation goals for the primary target species based on their rarity and distribution as shown in the table below. Restricted species are those nearly confined to this ecoregion. Limited species are those with limited distribution, but not confined to this ecoregion. Widespread species have large ranges, including this as well as several other ecoregions. Peripheral species are distributed mainly outside the ecoregion, but occur here at the edges of their ranges. The numbers in the boxes are desired numbers of occurrences in the portfolio.

These numbers are initial minima. The conservation biology literature suggests that five occurrences of a rare species will not ensure its survival long term, but if we can conserve five while we work to determine the real number needed we will be making progress in the right direction. We will need to reassess these goals.

Distribution	G1	G2	G3
Restricted (R)	5	20	30
Limited (L)	5	10	10
Widespread (W)	5	5	5
Peripheral (P)	NA	5	5

Five of the twelve primary targets have the minimum number of occurrences to meet these numerical conservation goals.

The group also set a distributional goal of one occurrence in each subsection in which the species naturally occurs. Three of the twelve primary target species met the distributional goals.

Assessing viability for plants

The group assessed the viability of each occurrence (population) of each primary target species based on population size, condition, evidence of reproduction, condition of the habitat, and expert opinion.

Selecting portfolio sites for plants

Occurrences of the primary target species that met the viability criteria were selected for inclusion in the portfolio.

Summary of portfolio for plants

The portfolio contains 28 sites in the United States portion of the ecoregion and 34 sites in the Québec portion.

Animals

The zoology working group encompassed avian, mammal, fish, herptiles and macro invertebrate targets. Some targets (particularly bird species or suites) were allocated to secondary target status if a review of habitat relationships and ecosystem targets suggested they would be conserved by ecosystem protection of critical breeding habitat. Others (e.g. grassland bird) were elevated to primary targets if no natural ecosystem type was identified that corresponded with their habitat needs.

Selecting animal targets

The group selected twenty-three targets, including

- G1-G3 species (G3-G4 included) and
- G4 and G5 species of selected taxonomic groups with disjunct populations in this ecoregion.
- One avian habitat suite comprised of several grassland breeding birds

In addition, the group selected 32 secondary target species which should be factored into site conservation planning. These species include those which are actively tracked by at least one of the two states in the ecoregion and are also listed as endangered, threatened, or of special concern by at least one of the two states. Many of the amphibian and reptile species on this list are either at the northern or eastern limits of their ranges.

Bird targets were chosen based on list in Draft Version 1.5 of the Partners In Flight (PIF) Landbird Conservation Plan: St. Lawrence Plain Physiographic Area 18 and North American Bird Conservation Initiative (NABCI) Bird Conservation Region (BCR) 13 (Lower Great Lakes/St. Lawrence Plain) listing. This approach is based on recommendations of The Nature Conservancy (TNC) Wings of America Program Geography of Hope document regarding incorporating Birds as Ecoregional Planning Conservation Targets. It is also consistent with the Great Lakes Ecoregional Plan, which originally included some of this ecoregion.

All species listed in PIF Area 18 are grouped into suites of species that utilize similar habitat (following groupings in PIF plan). The suite of species is the target. At this time we will probably need to restrict selection of sites largely to breeding sites with a few exceptions.

One habitat suite, grassland species, was identified as a primary target. Three were identified as secondary targets. These are shrub-early successional species; riparian-deciduous and mixed forest species; and freshwater wetland, lakeshore, and river species.

In addition, a number of individual species were chosen as secondary targets.

Setting conservation goals for animal targets

The group then set numerical and distributional goals for primary target species, as follows:

For G1 and G2 species

- Include all viable occurrences found within the ecoregion in the portfolio. In addition, include any occurrences not currently considered viable, but for which the potential exists for restoring them to a viable condition.
- The number of sites will not be specified. In many cases there are fewer than five occurrences within the ecoregion, there may never have been more, and increasing the number will be difficult. For this iteration of the plan, we will seek to protect what exists now and improve or restore others where they have been or where they are hanging on.
- Justification: These species are truly globally extremely rare. By definition, there will likely be no more than 20 occurrences in the ecoregion and, unless the

species is restricted to the ecoregion, there will not be anywhere close to that many. Conserving all viable occurrences and restoring any that may be restorable seems to be a very reasonable goal. We recognize that this does not provide clear guidance on when to "give up" on a species but we are not confident or in agreement on what guidance to provide (more work needed on this question).

For G3, G4, and G5 species

- Follow guidelines in Lower New England ecoregional plan, and modified by St. Lawrence – Champlain Valley plant team. These are minimum numbers to include in the portfolio. All occurrences selected must be viable (ranked A-C). Ideally, occurrences would span the various subsections although A-ranked occurrences should probably be chosen over C-ranked occurrences without regard to subsection.

For grassland birds

- No number, distribution or viability criteria was set – although 6 proposed sites were identified – this needs discussion

The group set distributional goals as follows:

Restricted species – include 30 sites/meta-populations
Limited species – include 20 sites/meta-populations
Widespread species – include 5 sites/meta-populations
Peripheral species – include 5 sites/meta-populations
Disjunct species – include 5 sites/meta-populations

Where:

- Limited = range is primarily within the St. Lawrence/Champlain Valley ecoregion, but also extends into one or two other ecoregions.
- Widespread = significant portion of range is within the St. Lawrence/Champlain Valley ecoregion, but also occurs in several other ecoregions. (Typically, if the species range extends *throughout* the ecoregion I put it in this category even if the ecoregion itself is at the edge of the range.)
- Peripheral = edge of range extends into the St. Lawrence/Champlain Valley ecoregion. (Typically used only for species whose range extends *into* the ecoregion, *but not throughout* the ecoregion.)
- Disjunct = (in the Lake Champlain and/or lower St. Lawrence River area, but NOT in the stretch of the St. Lawrence from the Ottawa River to Lake Ontario and generally not in the Ottawa River itself.)

These definitions were drawn from the Great Lakes Ecoregional Plan (1st iteration) with modifications in parentheses.

Assessing the viability of sites for animal targets

The group assessed the viability of each occurrence (population) of each primary target species based on population size, condition, evidence of reproduction, condition of the habitat, and expert opinion. Additionally six sites were identified for the grassland bird species suite based on expert opinion, these were considered provisionally viable and are included in the portfolio. Further work is needed to define the characteristics of a viable grassland breeding site.

Selecting portfolio sites for animal targets

All sites for animal targets that were considered viable were included in the portfolio.

Summary of portfolio for animals

The portfolio identifies the following viable occurrences and their surrounding survey site for primary targets: six grassland breeding bird sites, five sites for bats (three are hibernacula, two are maternity sites), 19 sites for fish, 3 sites for reptiles, 8 sites for insects, and 21 sites for mussels.

Terrestrial Communities (Part 1): Patch Communities and Complexes

The terrestrial communities working group began by comparing New York and Vermont community classifications with TNC's National Vegetation Classification (NVC). This resulted in a crosswalked list of 127 community types known or expected to occur in the ecoregion.

Communities were then assigned to distribution classes (restricted, limited, widespread, disjunct, or peripheral) and scale classes (matrix, large patch, small patch – Anderson 1999). The group also identified communities that tend to occur together in groups, and that may therefore require special conservation attention.

For all New York and Vermont community occurrences in the ecoregion, NVC association names and codes were applied, and the group assessed each occurrence for size, current condition, and landscape quality, the latter both from expert opinion and GIS analyses. With this information, they made assessments of viability, likelihood of persistence, and whether the occurrence was large enough to support associated species. They assigned occurrences to the portfolio based on these assessments. The full table showing the details of the viability assessment is found in the Supporting Documents.

The group adopted the numerical and distribution goals developed for the Northern Appalachians Ecoregional plan (see below). They have not currently assessed whether goals were met, but initial review suggests that in most cases they were not. However, during the selection of 10-year action sites steps were taken to ensure that each community was represented at least once in the list of sites to be worked on in the next ten years.

Individual community types have different geographic distribution patterns relative to the STL ecoregion. The following categories were established for the NAP ecoregion and were used to determine the minimum number of primary targets for each community type and the spatial distribution of the targets. The spatial stratification is based on the hierarchical model that partitions the ecoregion into progressively finer units, from ecoregion, to sections, to subsections.

- Restricted: the community occurs only in the ecoregion
- Limited: the community occurs in the ecoregion, but also occurs in a few adjacent ecoregions
- Widespread: the community is typical of the ecoregion, but also occurs in many other ecoregions
- Peripheral: the community occurs in the ecoregion, but its core of distribution is in another ecoregion.

	Minimum Primary Target Occurrences	
Minimum Stratification Level	Large Patch (4)	Small Patch (5)
Restricted (4)	**16**	**20**
Limited (2)	**8**	**10**
Widespread (1)	**4**	**5**
Peripheral (1)	**4**	**5**

Summary of portfolio for terrestrial communities

The portfolio contains 456 community occurrences, including nine lakes, 243 palustrine (wetland) communities, and 204 terrestrial (upland) communities. (Note: the ecological stratification scheme is incomplete until Quebec is fully incorporated into the planning)

Terrestrial Communities (Part 2): Matrix Forests and Landscape Features

Note: This section is based on a more detailed description of the assessment of matrix features written by Mark Anderson and found in the supporting documents.

Matrix forest sites are defined as large contiguous areas whose size and natural condition allow for the maintenance of dynamic ecological processes and meet the space requirements of breeding species associated with forest interior conditions. Included in the matrix forest areas are viable occurrences of matrix forest communities, embedded large and small patch communities, and embedded species populations (Poiani et al. 2000, Anderson et al.1999). Thus the goal of the matrix forest selection process is to identify specific examples of the dominant forest ecosystems that represent all of the prominent biophysical gradients in the ecoregion and that, if protected and restored to their natural condition, would serve as viable critical source areas for all species associated with the dominant forest systems.

Matrix forest systems in the St Lawrence – Champlain Valley ecoregion are comprised of a handful of dominant forest community types including three that dominate in the United States portion of the ecoregion. These three are sugar maple-beech-yellow birch northern hardwood forests, sugar maple-basswood-white ash rich northern hardwood forests (some of which may be transitional to more southern forests and therefore contain significant components of hickory, white pine, and oaks), and oak-dominated clay plain forests. In addition, floodplain forests are locally dominant in the Lac St. Pierre section of the St. Lawrence River. Included in the definition of matrix forest systems are also all the

early and mid-successional stages of these forest types, such as aspen-birch forest. Descriptions and technical names of all matrix forest types as well as the 123 other forested and non forested community types are available in the St. Lawrence – Champlain Valley community classification booklet (Sorenson et al., in prep.) being developed by the Heritage Ecologists in the participating states and region.

Viability criteria for matrix forest systems in the St. Lawrence – Champlain Valley ecoregion were developed based on the scale of expected disturbances and the size requirements of selected interior forest species within the ecoregion (See Anderson 1999 for full details on the methodology). To estimate the critical area needed to insure that a system can absorb, buffer, and recover from disturbance (e.g. minimum dynamic area - Pickett and Thompson 1978), we first listed the expected catastrophic disturbances typical of the ecoregion. Next we scaled the *minimum* size criteria for forest areas to size and extent of severe disturbance patches (total canopy removal) expected over one century (Table 1). To replicate the natural pattern of disturbed to undisturbed forests in the northeastern U.S., we used the guideline that an occurrence should be about 4 times the size of the largest, most severely disturbed patch (the patch size of total canopy removal) (Anderson 1999, based on Foster and Boose1992, Canham and Loucks 1984, and Lorimer 1977).

Table 1. Comparison of characteristics among infrequent catastrophic disturbances in the Northeast. The size of stand-replacing disturbance patches is given in row three.

Disturbance characteristic	Tornado	Hurri-cane	Down-bursts	Large Fires	Insect outbreak	Ice Storm	Flood
Duration	Minutes	Hours	Minutes	Weeks /months	Months	Days	Week /months
Return interval in years	100-300	60-200	?	400-6000	10	2	50-100
Maximum size of severe patches (acres)	?	803	?	57-150	?	?	?
Size of total event in acres	1240 K-24710 K	12400 K – 5 M	1M	12,400K-24 M.	247,000K –200 M	12,400 K – 24 K.	12,400 K-124,000K

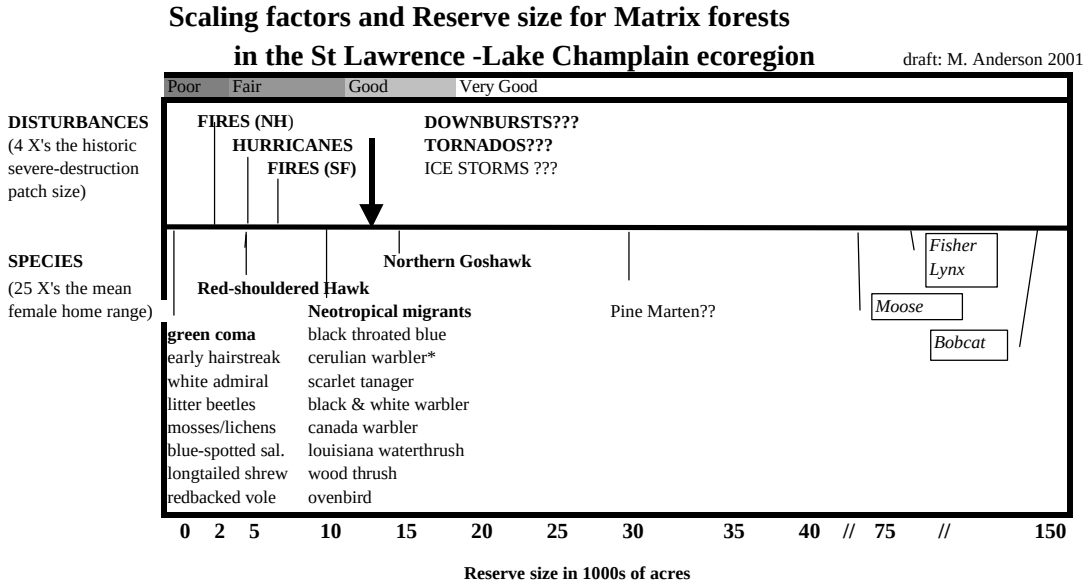
To identify the minimum size needs for associated species we first developed a list of species associated with the dominant forest systems in the St. Lawrence – Champlain Valley ecoregion. Subsequently we narrowed the list down to those species dependent on forest interior for breeding. Examples of those species include year-round residents preferring large tracts of old forests, e.g. pine marten *(Martes americana)* and northern goshawk (*Accipiter gentilis*) as well as forest breeding neotropical migrants such as black-and-white warbler *(Mniotilta varia)*, Canada warbler *(Wilsonia canadensis)*, eastern wood-peewee *(Contopus virens)*, veery *(Catharus fuscescens)*, wood thrush *(Hylocichla mustelina)*, black-throated blue warbler *(Dendroica caerulescens)*, ovenbird *(Seiurus aurocapillus)*, scarlet tanager *(Piranga olivacea)*, and red-shouldered hawk *(Buteo lineatus)* (Figure 1). Using literature and expert opinion we than developed an estimate of acreage needs for 25 female breeding territories of each species and/or acreage to meet any area needs that have been demonstrated for individual species. *(Note:*

the 25 female breeding territories does not refer to population size as most species require a much larger populations size (e.g. hundreds) to insure that there are 25 breeding pairs. This is simply an estimate of area needed to contain 25 breeding territories)

Wide ranging species and top carnivores (e.g. lynx, bobcat, cougar, wolf, bear, moose) that benefit from forest interior conditions but require a broader range of habitats and conditions for survival were considered but not explicitly included in the scaling of the forest area requirements. The needs of each of these species are being addressed in a species-specific way through a combination of core areas, networks and connecting lands.

To set a critical size threshold for matrix forest systems, we combined the minimum dynamic area for disturbances with acreage needs of forest interior dependent fauna onto a single linear axis (Figure 1). This allows an estimate of the effect of any particular size minimum on a variety of selected disturbances and faunal associates. For instance, an occurrence of 10,000 acres should be effective for 1) absorbing all types of expected severe wind and fire disturbances, 2) containing multiple breeding populations of all forest interior songbirds, and 3) containing 25 female territories of red-shouldered hawk.

Using figure 1 we set our minimum size threshold at 10,000 acres. At this point in time, 10,000 acres is a minimum goal to strive for rather than a criterion by which to accept or reject sites. We do not intend to suggest that 10,000 acres is necessarily large enough for a reserve to succeed in all its objectives over time, nor that smaller sites are not functional. The actual size needed for each reserve to succeed is dependent on what happens to the entire landscape of the ecoregion over the next 2 centuries, and may be more or less than 10,000 acres. We strive to protect areas of at least 10,000 acres, as this will give us the strongest assurance that the areas will be viable over time for all component species and all aspects of community function. On the other hand, we recognize that many community functions are viable in much smaller patches, so we do not reject matrix sites where matrix community occurrences are presently small. Over time, we will strive to bring matrix forest sites to a minimum size threshold of 10,000 acres, in some cases through restoration, but in the meantime we will work to conserve the forest patches that currently exist in these areas. Where we can protect areas larger than 10,000 acres, we will do so if site conditions suggest it is necessary.



Factors to the left of the arrow should be encompassed by a 12,000 acre reserve
NH = N. hardwoods SF = Spruce-fir
*PIF shrub or early successional species include blue-winged, golden winged, prairie and mourning warbler

Neotropical estimates based on Robbins et al. 1989, see text for full explanation]
Freemark (1996) list of area sensitive birds:

Figure 1. Scaling factors and reserve size for matrix forests in the STL ecoregion

Development and selection of matrix forest occurrences

Once the general matrix size threshold was set, the matrix site selection process followed four sequential steps: 1) Develop road-density and forest cover data layers for the ecoregion and delineate a set of potential matrix sites based on a spatial analysis of road-bounded forest blocks, 2) Revise the boundaries of these areas and determine which blocks meet basic viability criteria by assessing the condition of each potential block through expert review at individual chapter meetings, 3) Assess the biophysical composition within each block based on Ecological Land Units (ELUs) and cluster the blocks into ecologically similar groups based on similarities in ELU composition, and 4) Prioritize blocks within each ELU group into Conservation Priority Tiers based on forest diversity and condition, proximity to other features, biodiversity value, complementarity, feasibility, and threat.

Step 1. Forest blocks were defined as contiguous areas of forest cover bounded by features such as roads, railroads, major utility lines, and major shorelines. The bounding features were chosen due to their ecological impact on biodiversity in terms of fragmentation, dispersion, edge-effects, and invasion of alien species. Blocks served as assessment and analysis units and a wide range of field and remotely sensed ecological attributes describing the blocks size, condition, diversity, and landscape context were collected.

Step 2. State by state expert interviews provided information to help us revise the first estimate of potential blocks. Experts reviewed the compiled information on each potential

block and revised site boundaries based on their knowledge of road conditions. They also added supplementary information on the dominant forest types, forest condition, forest composition, land use, forestry practices, hydrologic features, rare species, patch communities, presence of old growth forest, and forest diversity. Information was collected and stored in a systematic way for each block using a questionnaire. After a discussion of each block it was ranked on a 3-point scale (Yes, No, Maybe) as to whether it met the viability criteria. Blocks receiving a No were discarded and not included in any further analysis.

Step 3. Expert interviews resulted in a smaller subset of potential blocks for evaluation. Site boundaries for these blocks were revised as determined at the expert workshops. The composition of Ecological Land Units (ELUS) within each block was then analyzed to cluster the blocks into ecologically similar groups based on elevation, geology, and topography.

Step 4. A group meeting of core team members, state directors, and experts was held December 14-15, 2001 to review the ELU grouping of potential matrix sites and prioritize them by ELU group into Conservation Priority Tiers based on forest diversity and condition, proximity to other features, biodiversity value, complementarity, feasibility, and threat. Participants were provided with information on each potential matrix site and were gathered into teams for discussion. Each team was asked to rank all blocks within each ELU group and to select two Tier 1 Preferred Sites within each ELU grouping. Additional Tier 1 Preferred Sites were selected in some groups where two were insufficient to capture the range of variability or geographic distribution. Additionally, a goal of two Tier 1 Preferred Sites was set for each subsection of the ecoregion.

This resulted in the selection of 17 Tier One matrix blocks and 13 Tier Two blocks. The blocks are listed in Appendix E. In that table, information is included about seven blocks that were eliminated during the December 2001 meeting.

Aquatic Features

The Aquatic Community Working Group led a multi-year effort to develop a classification of aquatic community types throughout the Saint Lawrence-Champlain Valley Ecoregion and to design the first iteration of a portfolio of occurrences important in conserving the aquatic biodiversity of the ecoregion. This effort spanned from 1999 to 2002 and had two components.

In the first approach, David Hunt took the lead in addressing community-level features, attempting to integrate heritage program methodology for aquatic communities with recent TNC efforts in aquatic biodiversity conservation. We will call this the Heritage component.

In the second component, Mark Anderson took the lead in addressing system-level features to integrate community and species occurrences with landscape features. We will call this the System component.

These two components were supplemented by, and integrated with, a data set that had been previously developed for Vermont through the Vermont Biodiversity Project. We will call this the Vermont Biodiversity Project Stream/Lake data.

The Supporting Documents section contains a number of important references regarding this work.

Heritage component

For this component, the efforts of the Aquatic Community Working Group were segregated into the four steps as outlined in "Introduction and General Principles" above: 1) selection of aquatic community targets based on a new ecoregional classification of aquatic communities developed for this project; 2) setting of conservation goals; 3) assessment of the viability of aquatic community occurrences, and 4) development of the portfolio.

In the first step, the group started by developing a classification system for both river and lake macrohabitats, intending to be comprehensive for the New York and Vermont portion of the ecoregion, and also intending to include the suspected community types in the Canada portion of the ecoregion. The basic classification was modeled after the coarse-scale names of the New York Natural Heritage Program classification and the extensive aquatic species data from the Vermont Department of Environmental Conservation, but borrowed from the holistic classifications of heritage programs in other states, the holistic regional heritage classification, TNC classification efforts, and classifications of species assemblages and holistic units in the general aquatic literature. This resulted in a list of 36 aquatic community types to be included in the list of primary targets.

In the second step, the group set conservation goals. The numerical goal was to include up to 6 examples of each, distributed throughout the natural range of the community. Ecoregion subsections were used to assess this.

In the third step, we assessed viability of all known aquatic community occurrences. The procedure for this is described in the Supporting Documents.

The fourth step, portfolio development, is also described in the Supporting Documents.

The final number of community occurrences included in the portfolio from this approach is 66, out of 246 EOs assessed.

Systems component

** Mark and Arlene will provide this – (estimated by March 2003).

Vermont biodiversity project stream/lake data

In 1998 the Vermont Biodiversity Project (VBP) published a classification of aquatic communities for Vermont. This classification was integrated into the ecoregion-wide classification described above in the Heritage Approach, but was also assessed independently for this plan. In addition to the classification itself, the VBP document identified lakes, ponds, and stream reaches that best represent each of the community types identified. These are known as VBP Priority Aquatic Features. All of these are included in the portfolio.

Summary

A final portfolio of priority stream networks and lake/pond features was assembled by the Aquatic Working Group based on the information generated by all three components parts. The assembly process emphasized identifying high quality stream networks that

encompassed all the best examples of aquatic features identified by the heritage and VBP assessments. Additionally a strong effort was made to link aquatic networks to matrix forest and palustrine community occurrences where possible and advisable.

All in all, 125 aquatic features, ranging in size from huge systems such as the St. Lawrence River and Lake Champlain, to small features such as ponds, are included in the portfolio.

Chapter 3 Map List

1) US. Portion of Ecoregion: Roads and Road-defined Blocks
2) US. Portion of Ecoregion: Landcover
3) US. Portion of Ecoregion: Bedrock geology
4) US. Portion of Ecoregion: Ecological Land Units (landforms, geology, hydrology)
5) US. Portion of Ecoregion: Managed Areas
6) US. Portion of Ecoregion: Candidate Matrix Forest Blocks
7) US. Portion of Ecoregion: Final Tier 1 and Tier 2 Matrix Forest Blocks

CHAPTER 4: A SUMMARY OF THE PORTFOLIO

The full portfolio for the United States portion of the St. Lawrence – Champlain Valley Ecoregion contains the following (these numbers may change slightly):

28 occurrences of primary plant targets
62 occurrences of primary animal targets (including grassland bird breeding sites and Indiana bat maternity sites)
456 occurrences of primary terrestrial community targets
125 primary target aquatic features
17 tier one matrix blocks

These primary targets are found within a total of 17 *matrix blocks*, large landscape-scale areas ranging in size from 6,700 to 91,000 acres and 51 other, so-called *standard* sites, ranging in size from less than an acre to thousands of acres. The size of matrix blocks is measured as the area that is delineated by fragmenting features such as roads and powerlines. The size of the standard sites is measured as the area that contains the target population, breeding area, or natural community. Conservation of these sites may require action in an area larger than the size of the site, or may be achieved by action in an area much smaller than the size of the site. In some cases, conservation will be accomplished by actions outside the site itself. Conservation actions will be determined through site conservation planning.

Chapter 4 Map List (Maps Are Located In Back Pocket)

1) US. Portion of Ecoregion: Element Occurrence Viability
2) US. Portion of Ecoregion: Aquatic Targets
3) US. Portion of Ecoregion: Ecoregional Portfolio
4) US. Portion of Ecoregion: Full Portfolio and Ten-Year Action Sites

CHAPTER 5: THREATS ASSESSMENT AND TEN-YEAR ACTION PLAN

When the portfolio was assembled, the core team met (on May 28, 2002) to review the portfolio, identify key threats in the ecoregion, and select sites on which to focus conservation attention over the next ten years.

The key threats to the ecoregion, as described by the group, include

- **Direct loss of biodiversity** through the conversion of natural systems to human-use areas as the population increases and as our per-capita consumption of resources increases.
- **Regulation of water**, especially dams on the St. Lawrence and other rivers, as they impact fish movement and habitat, bird habitat, flood-dependent communities, water quality, and other ecological values.
- **Fragmentation** caused by continued new road building and its accompanying development. This impacts forested systems most severely, reducing connectivity.
- **Exotics**, both in terrestrial and aquatic systems. Troublesome examples include zebra mussel and water chestnut in aquatic systems, and honeysuckle, buckthorn, and purple loosestrife in terrestrial systems. This threat is much greater in this ecoregion than in the neighboring Northern Appalachians.
- **Intensive agriculture and forestry** as it influences connectivity, natural succession, and water quality.
- **Lack of a conservation ethic** in much of the population of the region, including a fear of predators.
- **Pollution** caused locally by poor agriculture and forestry practices, and also globally by industry and fossil fuel consumption.

Other less pervasive threats listed by the group were identified as follows, in two categories: 1) those affecting primarily aquatic systems and 2) those affecting primarily terrestrial systems:

1. Threats affecting primarily aquatic systems
   Bilge pumping (causing pollution, exotics introduction, and introduction of waste)
   Fisheries management (e.g. lampricide)
   PCBs
   Dredging
   Navigation
   Non-point source pollution
   Bank stabilization
   Shoreline development
   Confined livestock
   Unconfined livestock
   Ski area water withdrawal
   Fish stocking
   Ground water extraction
   Water level regulation
   Recreational boating
   Septic systems

Increased road runoff
Oil spills
Dams on tributaries
Transportation of toxic substances on bridges
Acidification

2. Threats affecting primarily terrestrial systems
   Sprawl
   Natural succession (reducing, for example, grassland bird habitat)
   High-intensity recreation (golf, skiing)
   Property tax pressures
   Subdivision/parcelization
   Fire suppression
   Highway development (e.g. "rooftop" highway across northern New York and Circumferential Highway in Vermont)
   Drainage for forestry, agriculture
   Agribusiness
   Conversion of forest to agriculture
   Land conversion in general
   Loss of old growth
   Pest control
   Land conversion
   Global climate change
   Deer overbrowse and other wildlife management problems
   Population
   Casinos and related sprawl
   Loss of agriculture and other traditional uses
   Legacy of past land use – dumping, landfills

We will work to abate these threats in a variety of ways, focusing on the list of terrestrial and aquatic sites in Appendix G.

CHAPTER 6: OUTSTANDING ISSUES AND INFORMATION NEEDS

This plan represents an intensive three-year period of data gathering and analysis on biological and physical features of the St. Lawrence – Champlain Valley Ecoregion. We have developed a plan for conservation action that will forward our vision and goals for the ecoregion in a significant way.

As in any planning effort, however, the information we had was incomplete in some areas. We have identified the following as areas where further work is needed

- Canada – For this plan, the Canadian portion of the ecoregion was considered in some areas but not in others. The botany working group fully incorporated Canadian data and identified Canadian sites for the portfolio. Canadian information was used to develop an understanding of the pre-settlement vegetation of the ecoregion. Animal distributions were analyzed using Canadian data. But much remains to be done. The Canadian portion of the plan is due to be completed in June, 2003, led by Louise Gratton of the Nature Conservancy of Canada (NCC). This work will require the participation of TNC staff and coordination with the efforts that have are represented in this plan.
- Personnel – This plan had four different episodes of leadership, and each of the team leaders has now left The Nature Conservancy. It will be important to find a new leader for the United States portion of the region who has an understanding of the process used to develop this plan, and who has access to all the supporting data.
- Boundaries – The ecoregion boundaries may need adjusting, especially where the boundary presently coincides with the Québec/Ontario border rather than natural changes in topography, climate, and vegetation. The boundary of the ecoregion at the Vermont- Québec border also needs to be adjusted to conform to environmental conditions rather than political boundaries.
- Aquatics – Our review of the aquatics data at the May 28, 2002 core team meeting was insufficient to make action decisions with confidence. The group needs to have a more thorough understanding of the aquatics data and also a better understanding of aquatic conservation in general before developing a plan of action for aquatic features.
- Restoration – We recognize that considerable restoration work will be needed to ensure the long-term viability of many of the natural communities and species of the ecoregion, but we have much to learn about the techniques and tools that we will use.
- Viability – There may be some sites in the portfolio of questionable viability. Each portfolio site should be scrutinized more closely for viability during the Site Conservation Planning process, if it is chosen as an action site.
- Inventory – The lack of information on many species and natural communities in the ecoregion points out the need for continued inventory and research. In particular, aquatic systems, forest communities, and invertebrates need more inventory on location and/or condition .
- Consistency in choosing action sites – The number of portfolio sites chosen for conservation action in the next 10 years varied considerably from chapter to chapter.

We need to assess whether this discrepancy represents real differences across the ecoregion.

- Site conservation planning -- We need site planning for large landscape-scale areas (for example the west side of Lake Champlain) as well as all chosen matrix blocks and standard sites.
- Partners – The success of this plan will rely on developing or continuing good relationships with our conservation partners in the ecoregion. Our partners need to understand what biodiversity is and how its conservation fits with their own missions. We need to develop good communications tools to inform others about this plan and its implications for the ecoregion.
- Abating threats – We need to think more strategically than ever in this ecoregion about abating threats, since the threats are enormous in scope.

Proposed 12/22/00

APPENDIX A
St. Lawrence/Champlain Valley Ecoregion
Potential Plant Targets

Primary Targets: G1 through G3G4 Species with Known EOs in the Ecoregion

Global Scientific Name	Snonyms	Global Common Name	ELCODE	Grank	Nrank (Canada)	Distribution	Range (from Gleason & Cronquist)	Habitat	Notes	# of EORs*
AMMOPHILA CHAMPLAINENSIS	AMMOPHILA BREVILIGULATA VAR. CHAMPLAINENSIS	CHAMPLAIN BEACH GRASS	PMPOA08030	G5T1T2	---	Restricted	In Champlain Valley	Dunes & Dry Sandy Shores		4
BIDENS EATONII	----	EATON'S BEGGAR-TICK	PDAST180M0	G2	N2	Limited	Que to NY	Estuaries		31
BOTRYCHIUM RUGULOSUM	----	GRAPEFERN	PPOPH010P0	G3	N2N3	Peripheral	NH, CT, & s Que to WI & MI	Oods, Moist Pastures, Swampy Places	Only known from Quebec	2
CICUTA MACULATA VAR VICTORINII	----	SPOTTED WATER-HEMLOCK	PDAPI0M054	G5T2	N2	Restricted	Que	Tidal Shores, Near Daily High Tide Limit		27
CYPRIPEDIUM ARIETINUM	----	RAM'S HEAD LADY-SLIPPER	PMORC0Q020	G3	N3	Widespread	Que to Man, s to MA, NY, MI & MN	Moist Acid Soils In Coniferous Woods	Only known from Quebec	21
ERIGERON PHILADELPHICUS SUBSP. PROVANCHERI	----	PHILADELPHIA FLEABANE	PDAST3M362	G5T2?	N1N2	Limited	Que and Ont to VT, NY and Mich	Rocky Shores		4
ERIOCAULON PARKERI	----	PARKER'S PIPEWORT	PMERI01070	G3	N2	Peripheral	ME & Que to MA & c NY, s coast to NC	Tidal Flats & Muddy Shores, Often Submerged	Also in Vermont?	14
GENTIANOPSIS VICTORINII	----	VICTORIN'S GENTIAN	PDGEN080C0	G2Q	N2	Restricted	Que	Rocky Or Gravelly Tidal Shores, Above High Tide	Only known from Quebec	17
LYCOPUS LAURENTIANUS	----	BUGLEWEED	PDLAM0X0A0	G2Q	N2	Restricted	Que	Rocky Or Gravelly Tidal Shores, Above High Tide	Only known from Quebec	28
POLEMONIUM VAN BRUNTIAE	----	EASTERN JACOBS-LADDER	PDPLM0E0L0	G3	N1N2	Peripheral	Me, VT & n NY to WV	Swamps & Streambanks	Only known from Quebec	2
POTAMOGETON HILLII	----	HILL'S PONDWEED	PMPOT030F0	G3		Peripheral	MA & VT to PA and w to Ont, Ohio & MI	Clear, Cold, Calcareous Waters		6
ZIZANIA AQUATICA VAR. AQUATICA	ZIZANIA AQUATICA VAR. BREVIS	WILD RICE	PMPOA6J012	G5T3T4	N3N4	Limited	New Brunswick to Ont, also VT?	Intertidal Flats		0
Subtotal, Number of EORs										**156**

Provisional Primary Targets: Species with Taxonomic Questions

Global Scientific Name	Snonyms	Global Common Name	ELCODE	Grank	Nrank (Canada)	Distribution	Range (from Gleason & Cronquist)	Habitat	Notes	# of EORs*
EPILOBIUM COLIATUM SSP. CILIATUM	EPILOBIUM CILIATUM VAR. ECOMOSUM	HAIRY WILLOW-HERB	PDONA06041	G5T2Q	?	Limited	St. Lawrence and Miramichi estuaries	Estuaries	Only known from Quebec	19
GRATIOLA NEGLECTA VAR. GLABERRIMA	----	CLAMMY HEDGE-HYSSOP	PDSCR0R071	G5T2Q	N2	?	Que?	Tidal Shores	Only known from Quebec	10
PHYSOSTEGIA VIRGINIANA VAR. GRANULOSA	----	FALSE DRAGONHEAD	PDLAM1G0A4	G5T2T3	N1	?	Que?	Rocky Or Gravelly Tidal Shores, Above High Tide	Only known from Quebec	2
Subtotal, Number of EORs										**31**

Secondary Targets: State- or Province-Rare Species

Global Scientific Name	Snonyms	Global Common Name	ELCODE	Grank	Nrank (Canada)	Distribution	Range (from Gleason & Cronquist)	Habitat	Notes	# of EORs*
ANEMONE MULTIFIDA		EARLY THIMBLEWEED	PDRAN040E0	G5	---	Peripheral	Nf to Alas, s to ME, VT, n NY Mich etc	Shores & Rocky Banks In Calc Soils	S edge of range	3
ARMORACIA LACUSTRIS	NEOBECKIA AQUATICA	LAKE-CRESS	PDBRA07010	G4?	?	Peripheral	Que to MN, s to Fla & Tex	Alkaline Ponds, Quiet Water, Muddy Shores	In decline, NE edge of range	12
ASCLEPIAS AMPLEXICAULIS		BLUNT-LEAVED MILKWEED	PDASC02020	G5	---	Peripheral	NH to se Minn, s to Fla Neb Tex	Dry Fields, Prairies, Open Woods	In decline, N edge of range	12
BOUTELOUA CURTIPENDULA		SIDE-OATS GRAMMA	PMPOA10060	G5	---	Peripheral	ME to MT, s to AL, CA, S Amer	Dry Woods, Limey Openings	E edge of range	1
CAREX FORMOSA		HANDSOME SEDGE	PMCYP034Y0	G4	?	Peripheral	Mass, Conn,and s Que to Mich, Wis and ND	Moist Soil In Woods And Thickets	NE edge of range	16
CAREX LUPULIFORMIS		HOP-LIKE SEDGE	PMCYP037T0	G4	N2	Peripheral	VT and Que to MN, s to VA, KY & TX	Edge Of Open Water, In Shallow Water, Ff	NE edge of range	24
CAREX MOLESTA		TROUBLESOME SEDGE	PMCYP038T0	G4	?	Peripheral	Que to Va, w to the Pacific	Dry Soil	E edge of range	5

APPENDIX A
St. Lawrence/Champlain Valley Ecoregion
Potential Plant Targets

Secondary Targets: State- or Province-Rare Species

Global Scientific Name	Snonyms	Global Common Name	ELCODE	Grank	Nrank (Canada)	Distribution	Range (from Gleason & Cronquist)	Habitat	Notes	# of EORs*
CAREX SARTWELLII		SEDGE	PMCYP03C00	G4	?	Peripheral	NY & Ont to BC, s to IN, MO & CO	Rich Fens, Open Swamps, Shallow Water	E edge of range	1
CAREX TENUIFLORA		THIN-FLOWERED SEDGE	PMCYP03DL0	G5	---	Peripheral	Circumboreal, s to ME, NY, MI & MN	Wet Woods And Bogs	S edge of range	5
CASTILLEJA COCCINEA		PAINTED CUP	PDSCR0D0J0	G5	---	Peripheral	MA to Ont & Man, s to SC, MS, & OK	Damp Sands & Gravels W/ Limestone & Diabase	NE edge of range	3
CEANOTHUS HERBACEUS		PRAIRIE REDROOT	PDRHA040K0	G5	?	Peripheral	VT NY Que, MI to MN & MT, s to IN, AS, TX	Sandy Or Rocky Soil, Priaries, Plains	E edge of range	3
CORYDALIS AUREA		GOLDEN CORYDALIS	PDFUM03020	G5	?	Peripheral	Que to Alas, s to Pa etc, widespread in w	Rocky Banks & Sandy Soil	E edge of range, under threat	15
CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	PDBOR0B081	G5T4	?	Peripheral	Que & NB to n CT, NY, MI, WI, w to BC	Upland Woods, Openings	In decline fr succession; SE edge of range	9
DESCURANIA PINNATA		TANSY-MUSTARD	PDBRA0X030	G5	---	Peripheral	Throughout most of N Am	Dry, Open, Or Sparsely Wooded Places	NE edge of range?, introduced in Qc?	3
HIPPURIS VULGARIS		MARE'S-TAIL	PDHPR01030	G5	?	Peripheral	Circumboreal s to ME, n NY, n IN, IA NM	In Shallow, Quiet Water, Or Seldom On Mud	S edge of range	1
HUDSONIA TOMENTOSA		BEACH HEATHER	PDCIS03030	G5	?	Peripheral	Coastal Me to NC, inland Lab to W.Va	Sandy Habitats	Disjunct?	4
HYDRASTIS CANADENSIS		GOLDEN-SEAL	PDRAN0F010	G4	---	Peripheral	VT to MI & MN, s to NC, Tenn, Ark	Rich Woods	Exploitably vulnerable	2
LESPEDEZA HIRTA		HAIRY BUSH-CLOVER	PDFAB27070	G5	---	Peripheral	Me to Fla, w to Wis, Ill, Mo, Okla, Tex	Dry Soil	NE edge of range	2
LIPARIS LILIFOLIA		LILY-LEAVED TWAYBLADE	PMORC1M030	G5	---	?	Me to Minn, s to Ga & Ark	Rich Woods	?	2
LIPOCARPHA MICRANTHA	HEMICARPHA MICRANTHA	SEDGE	PMCYP0H040	G4	N1	Peripheral	Tropical Amer n to Me & Minn	Moist Sandy Soil	N edge of range	1
LITTORELLA UNIFLORA		LITTORELLA	PDPLN01010	G5	?	Peripheral	Nf & Que to Ont & n NY, also WI & MN	Sandy Shores Or Shallow Water	S edge of range?	3
LUDWIGIA POLYCARPA		MANY-FRUITED LOOSESTRIFE	PDONA0B0M0	G4	---	Peripheral	Mass & Conn, s Ont to Minn etc	Swamps, Marshes, Wet Prairies	NE edge of range	1
LUPINUS PERENNIS		WILD LUPINE	PDFAB2B340	G5	---	Peripheral	s Me to Fla, w to Minn & Ind	Dry Open Woods & Clearings	In decline, exploitably vulnerable	3
LYGODIUM PALMATUM		CLIMBING FERN	PPSCH02030	G4	---	Peripheral	s NH and e NY to O & sw MI, s to FL & Miss	Moist Thickets & Woods In Acid Soil	N edge of range	1
PETASITES FRIGIDUS VAR. PALMATUS		SWEET COLTSFOOT	PDAST71013	G5T5	---	Peripheral	Circumboreal, s to Mass, Mich, Minn, Calif	Meadows, Swampy Places, Moist Woods	S edge of range	2
POTAMOGETON STRICTIFOLIUS		STRAIGHT-LEAF PONDWEED	PMPOT03110	G5	---	Peripheral	Que to Mack, s to CT NY O, n IN, MN, UT	Alkaline Ponds & Streams	E edge of range	2
SPHENOPHOLIS OBTUSATA VAR OBTUSATA		BLUNT SPHENOPHOLIS	PMPOA5T030	G5	---	Peripheral	Nf to Alas, s to FL Mex	Moist Meadows, Streambanks, Pondshores	E edge of range	0
SPOROBOLUS ASPER		ROUGH DROPSEED	PMPOA5V030	G5	?	Peripheral	Me & Vt to NC Ky Tenn, w to ND, Wash	Dry Or Sandy Soil	N edge of range	3
VALERIANA ULIGINOSA		MARSH VALERIAN	PDVAL030J0	G4Q	?	Peripheral	ME & s Que to NY, n Ont, & w MI	Marshy Meadows, Swamps, Bogs	In decline, S edge of range	1
VIOLA PALMATA		EARLY BLUE VIOLET	PDVIO041F0	G5	---	Peripheral	Me to Minn, s to Fla & Tex	Well-Drained Soil In Woods & Clearings	N edge of range	1
Subtotal, Number of EORs										**141**
Grand Total, Number of EORs										**328**

# of EORs*: Indicates number of element occurrences of this target species located within the STL ecoregion boundary, United States and Canada portions, or within a 1 km buffer area.

APPENDIX B1
St. Lawrence/Lake Champlain Valley (STL) Ecoregion
Final Animal Target Species List

PRIMARY TARGETS (22 Species)

Primary Vertebrate Targets (11 Species)

Elcode	Global Scientific Name	Synonym	Global Common Name	GRANK	Comments
AFCAA01020	ACIPENSER FULVESCENS		LAKE STURGEON	G3	
AFCQC01060	AMMOCRYPTA PELLUCIDA	ETHEOSTOMA PELLUCIDUM	EASTERN SAND DARTER	G3	
ARAAG01030	APALONE SPINIFERA	TRIONYX SPINIFERUS	SPINY SOFTSHELL	G5	
AFCJC01020	CARPIODES CYPRINUS		QUILLBACK	G5	
ARADE02040	CROTALUS HORRIDUS		TIMBER RATTLESNAKE	G4	
ARACH01050	EUMECES FASCIATUS		FIVE-LINED SKINK	G5	
AFBAA01030	ICHTHYOMYZON FOSSOR		NORTHERN BROOK LAMPREY	G4	
AFCJC10090	MOXOSTOMA HUBBSI		COPPER REDHORSE	G1	
AMACC01130	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	HIBERNACULA AND SUMMER MATERNITY COLONIES
AMACC01100	MYOTIS SODALIS		INDIANA BAT	G2	HIBERNACULA AND MATERNITY COLONIES
AFCJB28080	NOTROPIS ANOGENUS		PUGNOSE SHINER	G3	

Primary Invertebrate Targets (11 Species)

Elcode	Global Scientific Name	Synonym	Global Common Name	GRANK	Comments
IIEPH26220	BAETIS RUSTICANS		A MAYFLY	G2	
IICOL02100	CICINDELA HIRTICOLLIS		BEACH-DUNE TIGER BEETLE	G5	
IICOL02230	CICINDELA PATRUELA		PATTERNED GREEN TIGER BEETLE	G3	
IIODO08380	GOMPHUS QUADRICOLOR		RAPIDS CLUBTAIL	G3G4	
IMBIV21050	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	
IMBIV24010	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	
IMBIV37010	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	
IIEPH39050	RHITHROGENA ANOMALUS		A MAYFLY	G2	
IIEPH29010	SIPHLONISCA AERODROMIA		TOMAH MAYFLY	G2	
IIODO80050	STYLURUS NOTATUS		ELUSIVE CLUBTAIL	G3	
IIODO34010	WILLIAMSONIA FLETCHERI		EBONY BOGHAUNTER	G3G4	

SECONDARY TARGETS (87 Species)

Secondary Vertebrate Targets (80 Species)

Elcode	Global Scientific Name	Synonym	Global Common Name	GRANK	Comments
ABNKC12040	ACCIPITER COOPERII		COOPER'S HAWK	G5	
ABNKC12060	ACCIPITER GENTILIS		NORTHERN GOSHAWK	G5	
ABNKC12020	ACCIPITER STRIATUS		SHARP-SHINNED HAWK	G5	
AAAAA01050	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G5	
AAAAA01060	AMBYSTOMA LATERALE		BLUE-SPOTTED SALAMANDER	G5	

APPENDIX B1
St. Lawrence/Lake Champlain Valley (STL) Ecoregion
Final Animal Target Species List

Secondary Vertebrate Targets (80 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
ABPBXA0030	AMMODRAMUS HENSLOWII		HENSLOW'S SPARROW	G4	
ABPBXA0020	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	
ABNJB10040	ANAS RUBRIPES		AMERICAN BLACK DUCK	G5	
ABNGA04040	ARDEA ALBA		GREAT EGRET	G5	
ABNGA04010	ARDEA HERODIAS		GREAT BLUE HERON	G5	
ABNSB13040	ASIO FLAMMEUS		SHORT-EARED OWL	G5	BREEDING AND WINTERING
ABNSB13040	ASIO OTUS		LONG-EARED OWL	G5	
ABNNF06010	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	
ABNGA01020	BOTAURUS LENTIGINOSUS		AMERICAN BITTERN	G4	
ABNKC19030	BUTEO LINEATUS		RED-SHOULDERED HAWK	G5	
ABNTA07070	CAPRIMULGUS VOCIFERUS		WHIP-POOR-WILL	G5	
ABNXD01020	CERYLE ALCYON		BELTED KINGFISHER	G5	
ABNUA03010	CHAETURA PELAGICA		CHIMNEY SWIFT	G5	
ABNNB03070	CHARADRIUS MELODUS		PIPING PLOVER	G3	
ABNNB03090	CHARADRIUS VOCIFERUS		KILLDEER	G5	
ABNNM10020	CHLIDONIAS NIGER		BLACK TERN	G4	
ABNTA02020	CHORDEILES MINOR		COMMON NIGHTHAWK	G5	
ABNKC11010	CIRCUS CYANEUS		NORTHERN HARRIER	G5	BREEDING AND WINTERING
ABPBG10010	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	
ARAAD02010	CLEMMYS GUTTATA		SPOTTED TURTLE	G5	
ARAAD02020	CLEMMYS INSCULPTA		WOOD TURTLE	G4	
ABNRB02010	COCCYZUS ERYTHROPTHALMUS		BLACK-BILLED CUCKOO	G5	
ABNYF10020	COLAPTES AURATUS		NORTHERN FLICKER	G5	
ARADB07010	COLUBER CONSTRICTOR		EASTERN RACER	G5	
ABPAE32060	CONTOPUS VIRENS		EASTERN WOOD-PEWEE	G5	
ABPBX03050	DENDROICA CAERULESCENS		BLACK-THROATED BLUE WARBLER	G5	
ABPBX03240	DENDROICA CERULEA		CERULEAN WARBLER	G4	
ABPBXA9010	DOLICHONYX ORYZIVORUS		BOBOLINK	G5	
ARADB13030	ELAPHE OBSOLETA		EASTERN RAT SNAKE	G5	
ARAAD04010	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	
ABPAT02010	EREMOPHILA ALPESTRIS		HORNED LARK	G5	
AFCHD01030	ESOX MASIQUINONGY		MUSKELLUNGE	G5	
AFCQC02240	ETHEOSTOMA EXILE		IOWA DARTER	G5	
ABNKD06070	FALCO PEREGRINUS		PEREGRINE FALCON	G4	
ABNME14020	FULICA AMERICANA		AMERICAN COOT	G5	
ABNME13010	GALLINULA CHLOROPUS		COMMON MOORHEN	G5	
ABNBA01030	GAVIA IMMER		COMMON LOON	G5	
ARAAD05040	GRAPTEMYS GEOGRAPHICA		COMMON MAP TURTLE	G5	
ABNKC10010	HALIAEETUS LEUCOCEPHALUS		BALD EAGLE	G4	
AAAAD08010	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	
AFCGA01020	HIODON TERGISUS		MOONEYE	G5	
ABPAU09030	HIRUNDO RUSTICA		BARN SWALLOW	G5	

APPENDIX B1
St. Lawrence/Lake Champlain Valley (STL) Ecoregion
Final Animal Target Species List

Secondary Vertebrate Targets (80 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
AFCJB16020	HYBOGNATHUS HANKINSONI		BRASSY MINNOW	G5	
ABPBJ19010	HYLOCICHLA MUSTELINA		WOOD THRUSH	G5	
ABPBXB9190	ICTERUS GALBULA		BALTIMORE ORIOLE	G5	
ABNGA02010	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	
AFBAA02020	LAMPETRA APPENDIX		AMERICAN BROOK LAMPREY	G4	
ABPBR01030	LANIUS LUDOVICIANUS		LOGGERHEAD SHRIKE	G4	
ABNYF04040	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	
AFCJC10010	MOXOSTOMA ANISURUM		SILVER REDHORSE	G5	
AFCJC10170	MOXOSTOMA VALENCIENNESI		GREATER REDHORSE	G4	
AAAAE01040	NECTURUS MACULOSUS		MUDPUPPY	G5	
AFCJB28180	NOTROPIS BIFRENATUS		BRIDLE SHINER	G5	
AFCJB28520	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	
AFCKA02070	NOTURUS FLAVUS		STONECAT	G5	
ABNKC01010	PANDION HALIAETUS		OSPREY	G5	
AFCQC04060	PERCINA COPELANDI		CHANNEL DARTER	G4	
ABPBX61030	PHEUCTICUS LUDOVICIANUS		ROSE-BREASTED GROSBEAK	G5	
ABNCA02010	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	
ABPBX95010	POOECETES GRAMINEUS		VESPER SPARROW	G5	
ABNME08020	PORZANA CAROLINA		SORA	G5	
AFCHA03030	PROSOPIUM CYLINDRACEUM		ROUND WHITEFISH	G5	
AAABC05070	PSEUDACRIS TRISERIATA		WESTERN CHORUS FROG	G5	
ABNME05030	RALLUS LIMICOLA		VIRGINIA RAIL	G5	
ABNNF19020	SCOLOPAX MINOR		AMERICAN WOODCOCK	G5	
ABPBX10030	SEIURUS MOTACILLA		LOUISIANA WATERTHRUSH	G5	
ABPBX94050	SPIZELLA PUSILLA		FIELD SPARROW	G5	
ABPAU07010	STELGIDOPTERYX SERRIPENNIS		NORTHERN ROUGH-WINGED SWALLOW	G5	
ABNNM08070	STERNA HIRUNDO		COMMON TERN	G5	
ARAAE02040	STERNOTHERUS ODORATUS	KINOSTERNON ODORATUM	COMMON MUSK TURTLE	G5	
ARADB36120	THAMNOPHIS SAURITUS		EASTERN RIBBON SNAKE	G5	
ABPBK06010	TOXOSTOMA RUFUM		BROWN THRASHER	G5	
ABPBX01030	VERMIVORA CHRYSOPTERA		GOLDEN-WINGED WARBLER	G4	
ABPBX01020	VERMIVORA PINUS		BLUE-WINGED WARBLER	G5	
ABPBX16030	WILSONIA CANADENSIS		CANADA WARBLER	G5	

Secondary Invertebrate Targets (7 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
IMBIV05010	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	
IILEPA5040	EUCHLOE OLYMPIA		OLYMPIA MARBLE	G4G5	
IMBIV21130	LAMPSILIS OVATA		POCKETBOOK	G5	
IMBIV22030	LASMIGONA COSTATA		FLUTED-SHELL	G5	
IMBIV26020	LIGUMIA RECTA		BLACK SANDSHELL	G4G5	
IMBIV27030	MARGARITIFERA MARGARITIFERA		EASTERN PEARLSHELL	G4	

APPENDIX B1
St. Lawrence/Lake Champlain Valley (STL) Ecoregion
Final Animal Target Species List

Secondary Vertebrate Targets (80 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
IMBIV54030	PYGANODON GRANDIS		GIANT FLOATER	G5	

DROPPED TARGETS (15 Species)

Vertebrate (13 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
ABNJB10160	ANAS STREPERA		GADWALL	G5	
ABNJB11070	AYTHYA AFFINIS		LESSER SCAUP	G5	
ABNJB18010	BUCEPHALA CLANGULA		COMMON GOLDENEYE	G5	
ABNKC19130	BUTEO LAGOPUS		ROUGH-LEGGED HAWK	G5	
ABNME01010	COTURNICOPS NOVEBORACENSIS		YELLOW RAIL	G4	
AMACC02010	LASIONYCTERIS NOCTIVAGANS		SILVER-HAIRED BAT	G5	
AMACC05010	LASIURUS BOREALIS		EASTERN RED BAT	G5	
AMACC05030	LASIURUS CINEREUS		HOARY BAT	G5	
ABNGA11010	NYCTICORAX NYCTICORAX		BLACK-CROWNED NIGHT HERON	G5	
ABNNF20010	PHALAROPUS TRICOLOR		WILSON'S PHALAROPE	G5	
ABPAU08010	RIPARIA RIPARIA		BANK SWALLOW	G5	
ABPBX94030	SPIZELLA PALLIDA		CLAY-COLORED SPARROW	G5	
ABPBXB2020	STURNELLA MAGNA		EASTERN MEADOWLARK	G5	

Invertebrate (2 Species)					
Elcode	***Global Scientific Name***	***Synonym***	***Global Common Name***	***GRANK***	***Comments***
IMBIV02040	ALASMIDONTA MARGINATA		ELKTOE	G4	
IIODO80090	STYLURUS SCUDDERI		ZEBRA CLUBTAIL	G4	

APPENDIX B2: BIRD TARGET SUITES

Note: The suite of species is the target

PRIMARY TARGETS

Grassland Species Suite

HENSLOW'S SPARROW
Upland sandpiper
Bobolink
Sedge wren
Killdeer
Northern harrier (breeding and winter)
Short-eared owl (breeding and winter)
Loggerhead shrike
Vesper sparrow
Grasshopper sparrow
Horned lark

SECONDARY TARGETS

Shrub-early successional Species Suite

GOLDEN-WINGED WARBLER
Blue-winged warbler
American woodcock
Common nighthawk

Riparian-deciduous and mixed forest Species Suite

CERULEAN WARBLER
Canada warbler
Black-billed cuckoo
Wood thrush
Baltimore oriole
Eastern wood pewee
Black-throated blue warbler
Red-headed woodpecker
Whip-poor-will
Rose-breasted grosbeak
Sharp-shinned hawk
Northern goshawk
Long-eared owl
Red-shouldered hawk
Cooper's hawk

Freshwater wetland, lakeshore and river Species suite

Piping plover
American black duck

American bittern

Peregrine falcon

Short-eared owl (breeding and winter)

Least bittern

Northern rough-winged swallow
Northern harrier (breeding and winter)
Common loon
Black tern
Bald eagle
Pied-billed grebe
Osprey
Sora
Common tern

Shrub-early successional species suite
Brown thrasher
Field sparrow

Riparian-deciduous and mixed forest species suite
Wood thrush
Louisiana waterthrush

Freshwater wetland, lakeshore and river species suite
Belted kingfisher
Great blue heron
Common moorhen
American coot
Great egret
Black-crowned night heron
Virginia rail

Habitat Suite Uncertain

Chimney swift
Northern flicker
Barn swallow

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
FORESTS								
Acer (rubrum, saccharinum) - Fraxinus spp. - Ulmus americana Forest	(Red Maple, Silver Maple) - Ash species - American Elm Forest	CEGL005038	Silver Maple-Ash Swamp	Red or Silver Maple-Green Ash Swamp; (Lakeside Floodplain Forest (in part)	Large Patch	Widespread	Y	
Acer rubrum - Fraxinus spp. / Nemopanthus mucronatus - Vaccinium corymbosum Forest	Red Maple - Ash species / Mountain-holly - Highbush Blueberry Forest	CEGL006220	Red Maple-Hardwood Swamp; Var. Red Maple-Black Ash Swamp	Red Maple-Black Ash Swamp	Large Patch	Limited	Y	
Acer rubrum - Nyssa sylvatica - Betula alleghaniensis / Sphagnum spp. Forest	Red Maple - Blackgum - Yellow Birch / Peatmoss species Forest	CEGL006014	Red Maple-Hardwood Swamp; Var. Red Maple-Black Gum Swamp	Red Maple-Black Gum Swamp	Small Patch	Peripheral	Y	
Acer saccharinum - (Populus deltoides) / Matteuccia struthiopteris Forest	Silver Maple - (Eastern Cottonwood) / Ostrich Fern Forest	CEGL006147	Floodplain Forest; Var. GL Silver Maple-Cottonwood Forest	Silver Maple-Ostrich Fern Riverine Floodplain Forest	Large Patch	Widespread	Y	Large Patch historically, probably Small Patch now
Acer saccharinum - Ulmus americana / Onoclea sensibilis Forest	Silver Maple - American Elm / Sensitive Fern Forest	CEGL006001	Floodplain Forest; Var. GL Silver Maple-Elm Forest	Silver Maple-Sensitive Fern Riverine Floodplain Forest (in part); Lakeside Floodplain Forest (in part)	Large Patch	Widespread	Y	Large Patch historically, probably Small Patch now
Acer saccharum - Betula alleghaniensis - (Tilia americana) Forest	Sugar Maple - Yellow Birch - (American Basswood) Forest	CEGL002457	Beech-Maple Mesic Forest; Var. GL Maple-Birch Forest		Matrix	Limited	N	consider synonomous with 6252 for STL
Acer saccharum - Betula alleghaniensis - Fagus grandifolia / Viburnum lantanoides Forest	Sugar Maple - Yellow Birch - American Beech / Hobblebush Forest	CEGL006252	Beech-Maple Mesic Forest; Var. Beech-Maple-Birch Forest	Northern Hardwood Forest	Matrix	Limited	Y	consider synonomous with 2457 for STL; Matrix historically, may be Large Patch now
Acer saccharum - Fraxinus americana - Juglans cinerea / Staphylea trifolia Forest	Sugar Maple - White Ash - Butternut / Bladdernut Forest	CEGL006020	Calcareous Talus Slope Woodland; Var. Maple-Basswood Talus Slope Woodland; Var. LNE Maple-Butternut Woodland	Transition Hardwood Talus Woodland (mostly); Mesic Maple-Ash-Hickory-Oak Forest (in part)	Small Patch	Peripheral	Y	
Acer saccharum - Fraxinus americana - Tilia americana Forest	Sugar Maple - White Ash - American Basswood Forest	CEGL006228	Maple-Basswood Rich Mesic Forest; Var. GL Maple-Basswood Forest Flats	Rich Northern Hardwood Forest (in part)	Matrix	Limited	Y	
Acer saccharum - Fraxinus spp. - Tilia americana / Matteuccia struthiopteris - Ageratina altissima Forest	Sugar Maple - Ash species - American Basswood / Ostrich Fern - White Snakeroot Forest	CEGL006114	Maple-Basswood Rich Mesic Forest; Var. Sugar Maple Floodplain Terrace	Sugar Maple-Ostrich Fern Riverine Floodplain Forest	Small Patch	Widespread	Y	
Acer saccharum - Fraxinus spp. - Tilia americana / Osmorhiza claytonii - Caulophyllum thalictroides Forest	Sugar Maple - Ash species - American Basswood / Blank Sweet-cicely - Blue Cohosh Forest	CEGL005008	Maple-Basswood Rich Mesic Forest; Var. NAP Basswood Cove Forest	Rich Northern Hardwood Forest	Small Patch	Limited	Y	
Acer saccharum - Pinus strobus / Acer pensylvanicum Forest	Sugar Maple - Eastern White Pine / Striped Maple Forest	CEGL005005	Pine-Northern Hardwood Forest; White Pine-Northern Hardwood Forest; Var. Mixed Forest	Northern Hardwood Forest; Var. White Pine-Northern Hardwood Forest	Small Patch	Limited	Y	
Acer saccharum - Quercus muehlenbergii / Clematis occidentalis Forest	Sugar Maple - Chinquapin Oak / Mountain Clematis Forest	CEGL006162	Limestone Woodland; Var. Sugar Maple-Chinquapin Oak Forest	Mesic Maple-Ash-Hickory-Oak Forest; Var. Transition Hardwoods Limestone Woodland	Small Patch	Peripheral	Y	
Betula papyrifera / Acer saccharum - Mixed Hardwoods Forest	Paper Birch / Sugar Maple - Mixed Hardwoods Forest	CEGL002464	Successional Northern Hardwood Forest; Var. Paper Birch Forest				N	successional communities not targetted for STL
Fraxinus nigra - Acer rubrum - (Larix laricina) / Rhamnus alnifolia Forest	Black Ash - Red Maple - (Tamarack) / Alderleaf Buckthorn Forest	CEGL006009	Red Maple-Tamarack Peat Swamp; Var. NAP/STL/GL Swamp	Calcareous Red Maple-Tamarack Swamp	Large Patch	Widespread	Y	
Picea mariana / Alnus incana / Sphagnum spp. Forest	Black Spruce / Speckled Alder / Peatmoss species Forest	CEGL002452	Black Spruce-Tamarack Bog; Var. GL Bog; Black Spruce-Tamarack Forest Assoc.	Black Spruce Swamp (mineral poor)	Large Patch	Limited	Y	

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Picea mariana / Ledum groenlandicum / Carex trisperma / Sphagnum spp. Forest	Black Spruce / Labrador-tea / Three-seed Sedge / Peatmoss species Forest	CEGL002485	Black Spruce-Tamarack Bog; Var. GL Bog; Black Spruce-Tamarack Woodland Assoc.	Black Spruce Woodland Bog	Small Patch	Widespread	Y	
Picea mariana - (Larix laricina) / Ledum groenlandicum / Sphagnum spp. Forest	Black Spruce - (Tamarack) / Labrador-tea / Peatmoss species Forest	CEGL005271	Black Spruce-Tamarack Bog; Var. NAP Bog; Black Spruce-Tamarack Forest Assoc.	Black Spruce Swamp (mineral poor)	Small Patch	Peripheral	Y	
Picea rubens - Abies balsamea - Betula papyrifera Forest	Red Spruce - Balsam Fir - Paper Birch Forest	CEGL006273	Balsam Flats and Spruce Flats	Lowland Spruce-Fir Forest	Large Patch	Peripheral	N	peripheral to NAP
Picea rubens - Abies balsamea / Gaultheria hispidula / Sphagnum spp. Forest	Red Spruce - Balsam Fir / Creeping Teaberry / Peatmoss species Forest	CEGL006312	Spruce-Fir Swamp; Var. Spruce-Fir Swamp	Spruce-Fir-Tamarack Swamp	Small Patch	Peripheral	Y	
Picea rubens - Acer rubrum / Nemopanthus mucronatus Forest	Red Spruce - Red Maple / Mountain-holly Forest	CEGL006198	Spruce-Fir Swamp; Var. Red Maple-Fir Swamp	Spruce-Fir-Tamarack Swamp; Var. Red Spruce-Hardwood Swamp	Small Patch	Limited	N	expected in 212Ed
Picea rubens - Betula alleghaniensis / Dryopteris campyloptera Forest	Red Spruce - Yellow Birch / Mountain Woodfern Forest	CEGL006267	Spruce-Northern Hardwood Forest	Red Spruce-Northern Hardwood Forest	Large Patch	Peripheral	N	expected in 222Ob, 212Eb, and 212Ed
Pinus banksiana / Abies balsamea Forest	Jack Pine / Balsam Fir Forest	CEGL002437	Pine-Northern Hardwood Forest; Var. Jack Pine Forest		Small Patch	Limited	N	expected in 212Ea
Pinus rigida - Quercus (velutina, prinus) Lower New England / Northern Piedmont Forest	Pitch Pine - (Black Oak, Rock Chestnut Oak) Lower New England / Northern Piedmont Forest	CEGL006290	Pitch Pine-Oak Forest	Pine-Oak-Heath Sandplain Forest	Large Patch	Limited	Y	
Pinus strobus - (Acer rubrum) / Osmunda spp. Forest	Eastern White Pine - (Red Maple) / Royal Fern species Forest	CEGL002482	Red Maple-Tamarack Peat Swamp; Var. Red Maple-Pine Forest	Red Maple-White Pine-Huckleberry Swamp	Small Patch	Limited	Y	
Pinus strobus - Pinus resinosa - Pinus rigida Forest	Eastern White Pine - Red Pine - Pitch Pine Forest	CEGL006259	Pine-Northern Hardwood Forest; Var. Red Pine Forest; Var. GL Red Pine-Pitch Pine Forest; Conifer Zone		Large Patch	Limited	N	known to occur at The Gulf (NY and Que)
Pinus strobus - (Pinus resinosa) - Quercus rubra Forest	Eastern White Pine - (Red Pine) - Northern Red Oak Forest	CEGL002480	Pine-Northern Hardwood Forest; Var. Red Pine Forest; Var. GL Red Pine-Pitch Pine Forest; Mixed Zone		Large Patch	Limited	N	expected in 212Eb
Pinus strobus - Quercus (rubra, velutina) - Fagus grandifolia Forest	Eastern White Pine - (Northern Red Oak, Black Oak) - American Beech Forest	CEGL006293	Appalachian Oak-Pine Forest	White Pine-Red Oak-Black Oak Forest; Dry Oak Forest (in part)	Small Patch	Peripheral	Y	
Pinus strobus - Tsuga canadensis - Picea rubens Forest	Eastern White Pine - Eastern Hemlock - Red Spruce Forest	CEGL006324	Hemlock-Northern Hardwood Forest; Var. NAP Conifer Forest	Hemlock Forest; Var. Hemlock-Red Spruce Forest	Small Patch	Peripheral	N	possible in 222Ob, 212Eb, 212Ed, and 212Ee
Pinus strobus - Tsuga canadensis Great Lakes Forest	Eastern White Pine - Eastern Hemlock Great Lakes Forest	CEGL002590	Hemlock-Northern Hardwood Forest; Var. Great Lakes Conifer Forest		Small Patch	Limited	N	expected in 212Ea, 212Eb, and 212Ee
Pinus strobus - Tsuga canadensis Lower New England / Northern Piedmont Forest	Eastern White Pine - Eastern Hemlock Lower New England / Northern Piedmont Forest	CEGL006328	Hemlock-Northern Hardwood Forest; Var. LNE Conifer Forest	Hemlock Forest (LNE)	Small Patch	Peripheral	Y	
Pinus strobus / Acer spicatum - Corylus cornuta Forest	Eastern White Pine / Mountain Maple - Beaked Hazelnut Forest	CEGL002445	Pine-Northern Hardwood Forest; Var. White Pine-Northern Hardwood Forest; Var. Conifer Forest		Small Patch	Limited	N	possible in 212Ea, 212Eb, and 212Ec
Quercus alba - Carya (glabra, ovata) / Desmodium glutinosum Forest	White Oak - (Pignut Hickory, Shagbark Hickory) / Large Tick-trefoil Forest	CEGL006091	Appalachian Oak-Hickory Forest; Var. Great Lakes Forest	Mesic Maple-Ash-Hickory Oak Forest (in part, dry examples)	Large Patch	Limited	Y	Large Patch historically, probably Small Patch now
Quercus prinus - Quercus (rubra, velutina) / Gaylussacia baccata Forest	Rock Chestnut Oak - (Northern Red Oak, Black Oak) / Black Huckleberry Forest	CEGL006282	Chestnust Oak Forest	Dry Oak Forest	Small Patch	Peripheral	N	expected in 212Ec

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Quercus rubra - Acer saccharum - Fagus grandifolia / Viburnum acerifolium Forest	Northern Red Oak - Sugar Maple - American Beech / Mapleleaf Viburnum Forest	CEGL006173	Beech-Maple Mesic Forest; Var. LNE Appalachian Oak-Beech Forest	Mesic Red Oak-Northern Hardwood Forest	Large Patch	Peripheral		
Quercus rubra - Carya (glabra, ovata) / Ostrya virginiana / Carex pensylvanica Forest	Northern Red Oak - (Pignut Hickory, Shagbark Hickory) / Eastern Hop-hornbeam / Pennsylvania Sedge Forest	CEGL006301	Appalachian Oak-Hickory Forest; Var. LNE Forest	Dry Oak-Hickory-Hophornbeam Forest	Small Patch	Peripheral	Y	
Thuja occidentalis - Acer rubrum / Cornus sericea Forest	Northern White-cedar - Red Maple / Red-osier Dogwood Forest	CEGL006199	Northern White Cedar Swamp; Var. GL NWC-Red Maple Swamp	Red Maple-Northern White Cedar Swamp	Large Patch	Limited	Y	
Thuja occidentalis - Tsuga canadensis Saturated Forest	Northern White-cedar - Eastern Hemlock Saturated Forest	CEGL005171	Rich Hemlock-Hardwood Peat Swamp	Northern White Cedar Swamp; Var. Hemlock-NWC Swamp	Small Patch	Limited	N	possibly in 212Ec
Thuja occidentalis / Abies balsamea - Acer spicatum Forest	Northern White-cedar / Balsam Fir - Mountain Maple Forest	CEGL002449	Limestone Woodland; Var. Northern White Cedar Forest; Var. GL NW Cedar-Pine Forest		Small Patch	Limited	Y	
Thuja occidentalis / Carex eburnea Forest	Northern White-cedar / Bristleleaf Sedge Forest	CEGL006021	Limestone Woodland; Northern White Cedar Forest; Var. GL Northern White Cedar-Pine Forest	Limestone Bluff Cedar-Pine Forest	Large Patch	Limited	Y	
Thuja occidentalis / Hylocomium splendens Forest	Northern White-cedar / Stairstep Moss Forest	CEGL006007	Northern White Cedar Swamp; Var. NAP NWC-Black Spruce Swamp	Northern White Cedar Swamp	Small Patch	Limited	Y	
Tsuga canadensis - Betula alleghaniensis - Picea rubens / Cornus canadensis Forest	Eastern Hemlock - Yellow Birch - Red Spruce / Canadian Bunchberry Forest	CEGL006129	Hemlock-Northern Hardwood Forest; Var. NAP Mixed Forest	Hemlock Forest (in part); Hemlock-Northern Hardwood Forest (NAP)	Small Patch	Peripheral	Y	
Tsuga canadensis - Betula alleghaniensis / Ilex verticillata / Sphagnum spp. Forest	Eastern Hemlock - Yellow Birch / Winterberry / Peatmoss species Forest	CEGL006226	Hemlock-Hardwood Swamp	Hemlock Swamp; Var. Hemlock-Hardwood Swamp	Small Patch	Widespread	N	expected in 212Ea, 212Ec, and 212Ed
Tsuga canadensis - Betula alleghaniensis Lower New England / Northern Piedmont Forest	Eastern Hemlock - Yellow Birch Lower New England / Northern Piedmont Forest	CEGL006109	Hemlock-Northern Hardwood Forest; Var. LNE Mixed Forest	Hemlock-Northern Hardwood Forest (LNE)	Large Patch	Peripheral	N	expected in 212Ec; consider synonomous with 5042 for STL?
Tsuga canadensis - Fagus grandifolia - (Acer saccharum) Great Lakes Forest	Eastern Hemlock - American Beech - (Sugar Maple) Great Lakes Forest	CEGL005042	Hemlock-Northern Hardwood Forest; Var. Great Lakes Mixed Forest		Large Patch	Limited	Y	consider synonomous with 6109 for STL?
WOODLANDS								
Juniperus virginiana - Ostrya virginiana / Carex eburnea Woodland	Eastern Red-cedar - Eastern Hop-hornbeam / Bristleleaf Sedge Woodland	CEGL006180	Red Cedar Rocky Summit	Red Cedar Woodland	Small Patch	Limited	Y	
Picea mariana / Ledum groenlandicum - Empetrum nigrum / Cladina spp. Dwarf-shrubland	Black Spruce / Labrador-tea - Black Crowberry / Reindeer Lichen species Dwarf-shrubland	CEGL006268	Ice Cave Talus Community	Cold Air Talus Woodland	Small Patch	Peripheral	Y	
Picea rubens / Ribes glandulosum Woodland	Red Spruce / Skunk Currant Woodland	CEGL006250		Boreal Talus Woodland	Small Patch	Peripheral	Y	
Pinus banksiana - Pinus strobus - (Quercus rubra) / Cladina spp. Nonvascular Vegetation	Jack Pine - Eastern White Pine - (Northern Red Oak) / Reindeer Lichen species Nonvascular Vegetation	CEGL002491	Sandstone Pavement Barrens; Sparely Vegetated Pavement Zone		Small Patch	Limited	Y	
Pinus banksiana - Thuja occidentalis - Picea glauca / Juniperus communis Woodland	Jack Pine - Northern White-cedar - White Spruce / Common Juniper Woodland	CEGL005126	Limestone Woodland; Var. GL Alvar Woodland		Large Patch	Peripheral	Y	
Pinus banksiana / Photinia melanocarpa / Xanthoparmelia spp. Woodland	Jack Pine / Black Chokeberry / Xanthoparmelia Lichen species Woodland	CEGL005045	Sandstone Pavement Barrens; Var. Jack Pine Woodland; and Var. Pitch Pine Woodland; and White Pine-Gray Birch Woodland		Large Patch	Limited	Y	

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Pinus resinosa / Gaylussacia baccata - Vaccinium angustifolium Woodland	Red Pine / Black Huckleberry - Northern Lowbush Blueberry Woodland	CEGL006010	Pitch Pine-Oak-Heath Rock Summit; Var. Red Pine Rocky Summit	Red Pine Forest or Woodland	Small Patch	Peripheral	Y	
Pinus rigida / Photinia melanocarpa / Deschampsia flexuosa - Schizachyrium scoparium Woodland	Pitch Pine / Black Chokeberry / Wavy Hairgrass - Little Bluestem Woodland	CEGL006116	Pitch Pine-Oak-Heath Rock Summit (Typical)	Pitch Pine-Oak-Heath Rock Summit	Small Patch	Peripheral	Y	
Pinus rigida / Vaccinium myrtilloides / Sphagnum spp. Woodland	Pitch Pine / Velvetleaf Blueberry / Peatmoss species Woodland	CEGL006022	Pitch Pine-Blueberry Peat Swamp	Pitch Pine Woodland Bog	Small Patch	Limited	Y	
Pinus rigida / Vaccinium spp. - Gaylussacia baccata Woodland	Pitch Pine / Blueberry species - Black Huckleberry Woodland	CEGL005046	Pitch Pine-Heath Barrens		Large Patch	Limited	Y	
Populus deltoides - (Juniperus virginiana) Dune Woodland	Eastern Cottonwood - (Eastern Red-cedar) Dune Woodland	CEGL005119	Great Lakes Dune; Var. Lake Dune; Poplar Woodland Zone/Assoc.	Sand Dune (woodland)	Small Patch	Limited	Y	
Populus (tremuloides, grandidentata) - Betula (populifolia, papyrifera) Woodland	(Quaking Aspen, Bigtooth Aspen) - (Gray Birch, Paper Birch) Woodland	CEGL006303	Successional Northern Hardwood Forest; Var. Gray Birch Forest				N	successional communities not targetted for STL
Quercus rubra - (Quercus prinus) / Vaccinium spp. / Deschampsia flexuosa Woodland	Northern Red Oak - (Rock Chestnut Oak) / Blueberry species / Wavy Hairgrass Woodland	CEGL006134	Pitch Pine-Oak-Heath Rocky Summit; Var. Red Oak Rocky Summit	Dry Oak Woodland	Small Patch	Peripheral	Y	
Quercus rubra - Betula alleghaniensis / Polypodium virginianum Woodland	Northern Red Oak - Yellow Birch / Rock Polypody Woodland	CEGL006320	Acidic Talus Slope Woodland; Var. LNE Red Oak Talus Woodland	Transition Hardwood Talus Woodland (acidic)	Small Patch	Peripheral	N	expected in 212Ec
Thuja occidentalis / Oligoneuron album Woodland	Northern White-cedar / Prairie Goldenrod Woodland	CEGL006093	Northern White Cedar Rocky Summit; Var. GL Northern White Cedar Woodland	Temperate Calcareous Outcrop	Small Patch	Limited	Y	
Thuja occidentalis Carbonate Talus Woodland	Northern White-cedar Carbonate Talus Woodland	CEGL005172	Calcareous Talus Slope Woodland; Var. Maple-Basswood Talus Slope Woodland; Var. Northern White Cedar Talus Slope Woodland; Var. GL Northern White Cedar Woodland	Transition Hardwood Talus Woodland (cedar dominant)	Small Patch	Limited	Y	
Thuja occidentalis Limestone Bedrock Woodland	Northern White-cedar Limestone Bedrock Woodland	CEGL005050	Calcareous Pavement Barrens; NW Cedar Woodland Zone; and Limestone Woodland, Var. NW Cedar Woodland	Limestone Bluff Cedar-Pine Forest (in part ?)	Large Patch	Limited	Y	
Thuja occidentalis Saturated Woodland [Placeholder]	Northern White-cedar Saturated Woodland	CEGL003675	Rich Sloping Fen; Var. NW Cedar Woodland		Small Patch	Limited	Y	
Tilia americana - Fraxinus americana - (Acer saccharum) / Geranium robertianum Woodland	American Basswood - White Ash - (Sugar Maple) / Robert's Geranium Woodland	CEGL005058	Calcareous Talus Slope Woodland; Maple-Basswood Talus Slope Woodland; Var. GL/NAP Ash-Basswood Woodland	Northern Hardwood Talus Woodland (calcareous)	Small Patch	Limited	Y	
Tilia americana - Fraxinus americana / Acer spicatum / Cystopteris fragilis Woodland	American Basswood - White Ash / Mountain Maple / Fragile Fern Woodland	CEGL006204		Northern Hardwood Talus Woodland (acidic)	Small Patch	Limited	Y	
SHRUBLANDS								
Alnus incana Swamp Shrubland	Speckled Alder Swamp Shrubland	CEGL002381	Shrub Swamp; Var. NAP Alder Thicket	Alder Swamp	Large Patch	Widespread	Y	
Alnus (incana, viridis) Shrubland	(Speckled Alder, Green Alder) Shrubland	CEGL006062		Alluvial Shrub Swamp	Large Patch	Widespread	N	expected in all subsections
Betula pumila - Dasiphora fruticosa ssp. floribunda / Carex lasiocarpa - Trichophorum alpinum Shrubland	Bog Birch - Shrubby-cinquefoil / Wiregrass Sedge - Alpine Cottongrass Shrubland	CEGL002495	Rich Shrub Fen; Var. GL Fen	Rich Fen (STL, shrubby)	Large Patch	Limited	Y	

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Cephalanthus occidentalis Semipermanently Flooded Shrubland [Placeholder]	Buttonbush Semipermanently Flooded Shrubland	CEGL003908	Shrub Swamp; Var. Buttonbush-Water Willow Swamp	Buttonbush Swamp	Large Patch	Widespread	Y	
Chamaedaphne calyculata / Carex oligosperma / Sphagnum spp. Poor Fen Dwarf-shrubland	Leatherleaf / Few-seed Sedge / Peatmoss species Poor Fen Dwarf-shrubland	CEGL005277	Dwarf Shrub Bog; Var. GL Bog	Poor Fen (shrubby)	Small Patch	Widespread	Y	
Chamaedaphne calyculata - Ledum groenlandicum - Kalmia polifolia Bog Dwarf-shrubland	Leatherleaf - Labrador-tea - Bog Laurel Bog Dwarf-shrubland	CEGL005278	Dwarf Shrub Bog; Var. GL Bog	Dwarf Shrub Bog (STL)	Small Patch	Limited	Y	
Chamaedaphne calyculata - Myrica gale / Carex lasiocarpa Dwarf-shrubland	Leatherleaf - Sweet Gale / Wiregrass Sedge Dwarf-shrubland	CEGL005228	Medium Fen; Var. Northeastern Great Lakes Fen	Intermediate Fen (shrubby); Sweet Gale Shoreline Swamp	Small Patch	Widespread	Y	
Cornus sericea - Salix spp. - (Rosa palustris) Shrubland	Red-osier Dogwood - Willow species - (Swamp Rose) Shrubland	CEGL002186	Shrub Swamp; Var. Willow Shrub Swamp	Alder Swamp (in part)	Large Patch	Limited	Y	
Hudsonia tomentosa - Lupinus perennis Dwarf-shrubland	Woolly Beach-heather - Wild Lupine Dwarf-shrubland	CEGL006233	Great Lakes Dune; Var. Lake Dune; Hudsonia tomentosa shrubland Zone	Sand Dune (Hudsonia Dwarf Shrubland)	Small Patch	Limited	Y	
Juniperus communis - (Juniperus virginiana) - Rhus aromatica - Viburnum rafinesquianum / Oligoneuron album Shrubland	Common Juniper - (Eastern Red-cedar) - Fragrant Sumac - Downy Arrow-wood / Prairie Goldenrod Shrubland	CEGL005212	Calcareous Pavement Barrens; Var. Juniper Alvar Shrubland Zone		Large Patch	Limited	Y	
Kalmia angustifolia - Chamaedaphne calyculata - (Picea mariana) / Cladina spp. Dwarf-shrubland	Sheep Laurel - Leatherleaf - (Black Spruce) / Reindeer Lichen species Dwarf-shrubland	CEGL006225	Dwarf Shrub Bog; Var. NAP Bog	Dwarf Shrub Bog (NAP)	Small Patch	Peripheral	Y	
Vaccinium corymbosum - Gaylussacia baccata - Photinia melanocarpa / Calla palustris Shrubland	Highbush Blueberry - Black Huckleberry - Black Chokeberry / Water Arum Shrubland	CEGL005085	Highbush Blueberry Bog Thicket; Var. GL Calcareous Blueberry Bog	Alder Swamp (in part)	Small Patch	Limited	N	expected in 212Ee
HERBACEOUS and SPARSE								
Ammophila breviligulata - (Schizachyrium scoparium) Herbaceous Vegetation	American Beachgrass - (Little Bluestem) Herbaceous Vegetation	CEGL005098	Great Lakes Dune; Var. Lake Dune; Beachgrass Zone/Assoc.	Sand Dune (beachgrass)	Small Patch	Limited	Y	
Andropogon gerardii - Campanula rotundifolia - Solidago simplex Herbaceous Vegetation	Big Bluestem - Bellflower - Sticky Goldenrod Herbaceous Vegetation	CEGL006284	Shoreline Outcrop; Var. Great Lakes Outcrop	Riverside Outcrop	Small Patch	Widespread	Y	
Andropogon gerardii - Sorghastrum nutans Herbaceous Vegetation [Provisional]	Big Bluestem - Yellow Indiangrass Herbaceous Vegetation	CEGL006518	Riverside Ice Meadow; Riverside Grassland Zone	Rivershore Grassland	Small Patch	Peripheral	Y	
Cakile edentula Great Lakes Shore Sparse Vegetation	Sea-rocket Great Lakes Shore Sparse Vegetation	CEGL005162	Sand Beach, Var. Great Lakes Beach	Lake Sand Beach	Small Patch	Limited	Y	
Calamagrostis canadensis - Phalaris arundinacea Herbaceous Vegetation	Bluejoint - Reed Canary Grass Herbaceous Vegetation	CEGL005174	Shallow Emergent Marsh; Var. Bluejoint Marsh; Var. STL/GL Marsh	Shallow Emergent Marsh (Bluejoint/Reed canary grass type)	Small Patch	Widespread	Y	
Carex lasiocarpa - Rhynchospora alba - Scheuchzeria palustris Herbaceous Vegetation	Wiregrass Sedge - Northern White Beaksedge - Rannoch-rush Herbaceous Vegetation	CEGL002501	Inland Poor Fen; Var. Flat Low Elevation Fen; Var. Domed Bog	Poor Fen (graminoid)	Small Patch	Widespread	N	possibly in 222Ob, 212Ec, 212Ed, and 212Ee
Carex lasiocarpa - (Carex rostrata) - Equisetum fluviatile Herbaceous Vegetation	Wiregrass Sedge - (Swollen-beak Sedge) - Water Horsetail Herbaceous Vegetation	CEGL005229	Medium Fen; Var. Northeastern Great Lakes Fen	Intermediate Fen (graminoid)	Small Patch	Limited	Y	
Carex stricta Seasonally Flooded Herbaceous Vegetation [Placeholder]	Tussock Sedge Seasonally Flooded Herbaceous Vegetation	CEGL004121	Sedge Meadow; Var. Tussock Sedge Meadow	Sedge Meadow	Small Patch	Widespread	Y	
Cornus racemosa / Carex (sterilis, hystericina, flava) Shrub Herbaceous Vegetation	Gray Dogwood / (Sterile Sedge, Porcupine Sedge, Yellow Sedge) Shrub Herbaceous Vegetation	CEGL006123	Rich Graminoid Fen; Var. GL Lowland Fen	Rich Fen (STL, graminoid)	Small Patch	Limited	Y	

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Danthonia spicata - Poa compressa - (Schizachyrium scoparium) Herbaceous Vegetation	Poverty Oatgrass - Canada Bluegrass - (Little Bluestem) Herbaceous Vegetation	CEGL005100	Calcareous Pavement Barrens; Var. Poverty Grass Dry Alvar Grassland Zone		Small Patch	Limited	Y	
Dasiphora fruticosa ssp. floribunda / Clinopodium arkansanum - Argentina anserina - Primula mistassinica Sparse Vegetation	Shrubby-cinquefoil / Low Calamint - Silverweed - Bird's-eye Primrose Sparse Vegetation	CEGL002506	Calcareous Shoreline Outcrop, Var. Great Lakes Outcrop	Lake Shale or Cobble Beach (calcareous bedrock)	Small Patch	Limited	Y	
Deschampsia caespitosa - (Sporobolus heterolepis, Schizachyrium scoparium) - Carex crawei - Packera paupercula Herbaceous Vegetation	Tufted Hairgrass - (Prairie Dropseed, Little Bluestem) - Crawe's Sedge - Balsam Ragwort Herbaceous Vegetation	CEGL005110	Alvar Grassland; Var. Wet Alvar Grassland		Small Patch	Peripheral	Y	
Granite - Metamorphic Talus Northern Sparse Vegetation	Granite - Metamorphic Talus Northern Sparse Vegetation	CEGL002409	Acidic Talus Slope Woodland; Var. Open Acidic Talus Slope	Open Talus (acidic)	Small Patch	Widespread	Y	
Igneous - Metamorphic Cobble - Gravel River Shore Sparse Vegetation	Igneous - Metamorphic Cobble - Gravel River Shore Sparse Vegetation	CEGL002304	Riverside Sand and Gravel Bars; Var. GL Sandbars (gravel portion); also Cobble Shore; Var. GL River Shore	River Cobble Shore (in part); also River Sand or Gravel Shore (gravel portion)	Small Patch	Widespread	Y	
Inland Freshwater Strand Beach Sparse Vegetation	Inland Freshwater Strand Beach Sparse Vegetation	CEGL002310	Inland Calcareous Lake Shore; Var. GL Lakes; Sand Flats Association	Lake Sand Beach (wet portion); Lakeshore Grassland (in part)	Small Patch	Limited	Y	
Lake Mud Flats Sparse Vegetation	Lake Mud Flats Sparse Vegetation	CEGL002313	Inland Calcareous Lake Shore; Var. GL Lakes; Mud Flats Association	Lakeshore Grassland (minor part)	Small Patch	Limited	Y	
Limestone - Dolostone Great Lakes Shore Cliff Sparse Vegetation	Limestone - Dolostone Great Lakes Shore Cliff Sparse Vegetation	CEGL002504	Calcareous Cliff Community; Var. GL NW Cedar Cliff	Temperate Calcareous Cliff	Small Patch	Widespread	Y	
Limestone - Dolostone Talus Sparse Vegetation	Limestone - Dolostone Talus Sparse Vegetation	CEGL002308	Calcareous Talus Slope Woodland; Open Calcarous Talus Slope Association	Open Talus (limestone or dolostone)	Small Patch	Widespread	Y	
Limestone Cobble - Gravel Great Lakes Shore Sparse Vegetation	Limestone Cobble - Gravel Great Lakes Shore Sparse Vegetation	CEGL005169	Cobble Shore; Var. Great Lakes Shore; Var. Calcareous Cobble	Lake Shale or Cobble Beach (calcareous cobble)	Small Patch	Limited	Y	
Non-alkaline Cobble - Gravel Great Lakes Shore Sparse Vegetation	Non-alkaline Cobble - Gravel Great Lakes Shore Sparse Vegetation	CEGL002508	Cobble Shore; Var. Great Lakes Shore; Var. Acidic Cobble	Lake Shale or Cobble Beach (acidic cobble)	Small Patch	Limited	N	possibly in 212Ea and 212Ec
(Pinus strobus, Quercus rubra) / Danthonia spicata Acid Bedrock Wooded Herbaceous Vegetation	(Eastern White Pine, Northern Red Oak) / Poverty Oatgrass Acid Bedrock Wooded Herbaceous Vegetation	CEGL005101	Rocky Summit Grassland; Var. Little Bluestem Rocky Summit	Temperate Acidic Outcrop	Small Patch	Limited	Y	
Polypodium virginianum Cliff Sparse Vegetation [Provisional]	Rock Polypody Cliff Sparse Vegetation	CEGL006528	Cliff Community; Var. LNE Lowland Granite Cliff	Temperate Acidic Cliff (also Boreal Acidic Cliff)	Small Patch	Widespread	Y	
Pontederia cordata - Peltandra virginica Semipermanently Flooded Herbaceous Vegetation [Placeholder]	Pickerelweed - Green Arrow-arum Semipermanently Flooded Herbaceous Vegetation	CEGL004291	Deep Emergent Marsh; Var. Great Lakes Marsh; Pickerel Weed Marsh Association	Deep Broadleaf Marsh	Small Patch	Widespread	Y	
Quercus alba - Quercus macrocarpa / Andropogon gerardii Wooded Herbaceous Vegetation	White Oak - Bur Oak / Big Bluestem Wooded Herbaceous Vegetation	CEGL005121	Limestone Woodland; Var. Bur Oak Woodland		Small Patch	Limited	Y	
River Mud Flats Sparse Vegetation	River Mud Flats Sparse Vegetation	CEGL002314	Inland Calcareous Lake Shore; Var. GL Rivers	River Mud Shore	Small Patch	Limited	N	expected in 212Ec, and possibly in 212Ea, 212Ed, and 212Ee
Riverine Sand Flats-Bars Sparse Vegetation	Riverine Sand Flats-Bars Sparse Vegetation	CEGL002049	Riverside Sand and Gravel Bars; Var. GL Sandbars; also Inland Calcareous Lake Shore; Var. GL Lakes	River Sand or Gravel Shore	Small Patch	Widespread	Y	

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Schizachyrium scoparium - Danthonia spicata - Carex pensylvanica - (Viola pedata) Herbaceous Vegetation	Little Bluestem - Poverty Oatgrass - Pennsylvania Sedge - (Birdfoot Violet) Herbaceous Vegetation	CEGL002318	Successional Northern Sandplain Grassland; Var. Great Lakes Grassland		Large Patch	Limited	Y	discuss targetting a successional community
Schoenoplectus (tabernaemontani, acutus) Eastern Herbaceous Vegetation	(Softstem Bulrush, Hardstem Bulrush) Eastern Herbaceous Vegetation	CEGL006275	Deep Emergent Marsh; Var. Bulrush Marsh	Deep Bulrush Marsh	Small Patch	Widespread	N	possibly in 212Ed
Schoenoplectus acutus - (Schoenoplectus fluviatilis) Freshwater Herbaceous Vegetation	Hardstem Bulrush - (River Bulrush) Freshwater Herbaceous Vegetation	CEGL002225	Deep Emergent Marsh; Var. Great Lakes Marsh; Bulrush Marsh Association	Deep Bulrush Marsh (Lake Champlain examples)	Small Patch	Limited	Y	
Scirpus cyperinus Seasonally Flooded Herbaceous Vegetation	Woolgrass Bulrush Seasonally Flooded Herbaceous Vegetation	CEGL006349	Shallow Emergent Marsh; Var. Woolgrass Marsh	Shallow Emergent Marsh (Woolgrass type)	Small Patch	Widespread	Y	
Shale Talus Sparse Vegetation	Shale Talus Sparse Vegetation	CEGL002575	Shale Talus Slope Woodland; Sparsely Vegetated Talus Zone	Open Talus; Var. Shale Talus	Small Patch	Widespread	N	expected in 212Ec
Small Eroding Bluffs Midwestern Sparse Vegetation	Small Eroding Bluffs Midwestern Sparse Vegetation	CEGL002315	Cliff Community; Var. Eroding/Unconsolidated Slope; Vars. Sand and Clay Slopes	Erosional River Bluff	Small Patch	Widespread	N	known to occur in 212Ec, possibly in 212Ea, 212Ed, and 212Ee
Spartina pectinata Great Lakes-North Atlantic Coast Herbaceous Vegetation	Prairie Cordgrass Great Lakes-North Atlantic Coast Herbaceous Vegetation	CEGL006095	Inland Calcareous Lake Shore; Var. GL Lakes; Interdunal Swale Association	Lakeshore Grassland (in part?)	Small Patch	Limited	Y	
Sporobolus neglectus - Sporobolus vaginiflorus - Isanthus brachiatus - Panicum philadelphicum - (Poa compressa) Herbaceous Vegetation	Barrens Dropseed - Poverty Dropseed - Fluxweed - Philadelphia Panicgrass - (Canada Bluegrass) Herbaceous Vegetation	CEGL005235	Alvar Grassland; Var. Annual Pavement Grassland		Small Patch	Peripheral	Y	
Tortella tortuosa - Cladonia pocillum - Placynthium spp. Sparse Vegetation	Twisted Moss - Cup Lichen - Crustose Lichen species Sparse Vegetation	CEGL005192	Calcareous Pavement Barrens; Var. Alvar Non-vascular Pavement Zone		Small Patch	Limited	Y	
Triantha glutinosa - Carex garberi Herbaceous Vegetation	Sticky Bog-asphodel - Elk Sedge Herbaceous Vegetation	CEGL006142	Riverside Ice Meadow: Var. Calcareous Riverside Seep	Calcareous Riverside Seep	Small Patch	Peripheral	Y	
Typha (angustifolia, latifolia) - (Schoenoplectus spp.) Eastern Herbaceous Vegetation	(Narrowleaf Cattail, Broadleaf Cattail) - (Clubrush species) Eastern Herbaceous Vegetation	CEGL006153	Deep Emergent Marsh; Var. NAP Cattail Marsh	Cattail Marsh	Small Patch	Widespread	Y	
Typha spp. - Schoenoplectus tabernaemontani - Mixed Herbs Southern Great Lakes Shore Herbaceous Vegetation	Cattail species - Softstem Bulrush - Mixed Herbs Southern Great Lakes Shore Herbaceous Vegetation	CEGL005112	Deep Emergent Marsh; Var. Great Lakes Marsh; Cattail Marsh Association	Cattail Marsh (STL-GL type along Lake Champlain)	Large Patch	Limited	Y	
Zizania (aquatica, palustris) Herbaceous Vegetation	(Indian Wild Rice, Northern Wild Rice) Herbaceous Vegetation	CEGL002382	Deep Emergent Marsh; Var. Great Lakes Marsh; Wild Rice Marsh Association	Wild Rice Marsh	Small Patch	Limited	Y	
Dry Terrestrial Cave	Dry Terrestrial Cave	CAVE000400	Terrestrial Cave Community	Cave/Mine	Small Patch	Widespread	Y	target for STL?
Proposed or Potential New Associations for STL in New York and Vermont								
Spartina pectinata - Carex viridula - Potentilla anserina Lakeshore Herbaceous Vegetation		New Assoc #1	Cobble Shore Wet Meadow	Lakeshore Grassland	Small Patch	Restricted	Y	CEGL005109 and CEGL006095 are two closest associations.
Glyceria acutifolia - Scirpus cyperinus - Sinkhole Herbaceous Vegetation		New Assoc #2	Sinkhole Wetland		Small Patch	Restricted	Y	
Cystopteris bulbifera - Impatiens pallida - Eupatorium rugosum Sparse Vegetation		New Assoc #4	Calcareous Shoreline Outcrop; Var. HAP Shale Outcrop		Small Patch	Peripheral	Y	
Shale Cliff Sparse Vegetation		New Assoc #6	Shale Cliff and Talus	Temperate Clacareous Cliff (shale portion)	Small Patch	Peripheral	Y	
Vaccinium angustifolium - Spiraea alba - Aronia melanocarpa Dwarf-shrubland		New Assoc #10	Boreal Heath Barrens; Var. Nonvascular Zone		Small Patch	Limited	N	possibly in 212Eb

APPENDIX C
NVC Associations Crosswalked to New York and Vermont Community Types in STL Ecoregion

Gname	GnameTrans	Association ELcode	New York Community	Vermont Community	Community Scale	Regional Distribution Pattern	STL EORs?	Notes
Quercus alba - Acer rubrum - Carya ovata / Viburnum acerifolium / Waldsteinia fragarioides Clayplain Forest		New Assoc #7	Limestone Woodland; Var. Lake Plain Bottomland Forest	Mesic Clayplain Forest	Matrix	Limited	Y	Matrix historically, now Large Patch
Quercus bicolor - Acer rubrum - Fraxinus pennsylvanica /Carpinus caroliniana / Carex spp. Temporarily Flooded Clayplain Forest		New Assoc #8		Wet Clayplain Forest	Small Patch	Limited	Y	EOs are currently included with Mesic Clayplain Forests (New Assoc #7)
Tsuga canadensis - Fraxinus americana - Acer saccharum / Cystopteris bulbifera Woodland		New Assoc #9	Shale Talus Slope Woodland; Var. Hemlock Woodland Zone		Large Patch	Peripheral	N	expected in 222Ob
Kalmia angustifolia - Chamaedaphne calyculata - (Pinus banksiana) / Scirpus cyperinus Dwarf-shrubland		New Assoc #3	Perched Bog		Small Patch	Restricted	Y	
Fraxinus americana - Juniperus virginiana - Potentilla fruticosa / Aster ptarmicoides Schist Cliff Sparse Vegetation		New Assoc #5	Calcareous Cliff Community; Var. Eastern Red Cedar Temperate Cliff		Small Patch	Peripheral	Y	

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Acres	Ownership	Road Density	Dominant communities	Other biodiversity values	Notes on Aquatic Features	ELUs, geological features
101	The Gulf	NY or VT				none- large pine/ rich northern hardwood/ 1/4- 1/5 sandstone/ calcareous pavement?/ may be some old growth right along the Gulf	black spruce tamarack bog/ successional northern hardwood/ deer wintering area (starving- not much food)/ coyote	stream- poorly drained, high quality	flatrock sandstone, thin soils, wet
102	Lake Alice/ Altona	NY or VT				possible rich northern hardwood and northern hardwood matrix, limestone woodland, large jack pine forest (8,000-10,000 acres) on flatrock	large area of wetland- limestone woodland, large patch hemlock, pine and no. hardwoods, areas of grasslands west of the Vly- probably not natural, possible clay plain forest/ lots of beaver, no historic record of kirtlands warbler, habitat for ducks- early nesting ducks that need large trees,	basic wetland- northern white cedar, red maple swamp	deeper soils towards lake but probably not lake sediment,
103	Boquet Mt.	NY or VT				Rich northern hardwood- Appalachian type (App. Oak/Pine, Oak/ Hickory), clay forest, old growth, possible hemlock-northern hardwood and southern Appalachian	northern white cedar, limestone woodland, clayplain forest/ rattlesnakes northern limit, five-lined skinks northern limit, peregrine and osprey nesting, bald eagle, butterflies- Broad wing skipper	potential for clay plain forest, beaver corridor, swamp probably continuously forested	small patch talus slopes, rocky cliffs, rocky summits, shoreline communities
104	Westport Woods	NY or VT				northern hardwoods, no clay, no old growth	pine, hemlock/ bats, Barton Hill and Indiana, beaver activity, raven nesting underground	small, nice lakes and streams, less affected from acid rain	no clay
105	Ausable Delta	NY or VT				Northern Hardwood Forest/ Beech, Maple mesic/ Maple- Oak/ no clay	Limestone woodland/ Appalachian Oak-Pine/ Pitch-Oak, Champlain beachgrass	Ausable river estuaries, lake to higher elevation, very diverse area, intensively managed for fisheries, streambank restoration/ Champlain beachgrass mussels	Ausable Chasm, streambank restoration
201	Dead Creek	NY or VT				Champlain Clayplain forest	several remnants of clayplain forest- biggest 240A, marsh birds	Dead Creek is impounded, managed for waterfowl, narrow floodplain, muddy wetland	diversity of soil types, sand over clay with forest
202	Little Otter	NY or VT					bluff community, lakeshore	no water control, three creek mouths, significant aquatic features, deepwater marsh, VBP exceptional aquatics	sand and clay soils
203	Mud Hollow Brook	NY or VT					30-60% natural cover, small wooded patch at center of block		
204	Bridgeport/ Shoreham Road	NY or VT					upper clayplain at Otter Creek Gorge?	wet site, no significant aquatics	
205	Mt. Independence/ East Creek	NY or VT				rich transition hardwoods or limestone cobble	limestone bedrock forest to south		Vergennes soils
206	Bald Mt.	NY or VT				Hardwood, Rich hardwood			
207	Otter Creek Swamp	NY or VT							

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Disturbance history	Population density	Breeding area for area-sensitive species?	Connections to other sites?	Other notes
101	The Gulf	NY or VT	farmland abandonment, almost all pastured, poorly drained/ last burn in the 50's				extends into Canada- about 1/3 more "Covey Hill" which is partly protected, DEC purchased as a unique area
102	Lake Alice/ Altona	NY or VT	most in agriculture in late 1800's, mostly dairy farming (successful) - sheep, subsistence, a lot of untilled, maple sugar, minor logging, deeper soils on eastern side/ hard hit by ice storm		southernmost area for goldeneye?, osprey, was black tern	connective value- corridors along streams to Lake Champlain	ice storm damage, some salvage operations in hardwood forest, fear of fine- clear cutting in jack pine for fire breaks/ biggest maple-sugar production in area
103	Boquet Mt.	NY or VT	threatened-clearing, agriculture, tilled, crops/ management of private land in the area has been bad industrial agriculture, drained the wetland, all but swamp was cleared at one point		rattlesnakes viable pop.), skinks, peregrine, osprey nesting without platforms, bald eagle- nesting?	beaver corridor, possible to connect to high peaks, join with split rock with a corridor	Webb- Royce state owned swamp, wealthy area
104	Westport Woods	NY or VT	subsistence farming, slag piles- Mineville, first place mined for iron, slag pit site		Indiana bat site- hibernation in a mine	connects to the west to a large matrix block, continuous forest from here to matrix blocks, maybe one of the best places for wide-ranging animals to cross I-87	IP leases to hunting clubs, I87 underpass may be used by animals, road that cuts it is a seasonal dirt road, not much agriculture, Mineville is underpopulated since company moved out, very pretty site
105	Ausable Delta	NY or VT	some agriculture- crops, hay, corn, orchards/ a lot of tillable, sandy soil, abandoned				some vacation home pressure, easement on farmland (King Farm), was an active river association
201	Dead Creek	NY or VT	farming- corn and hay, some small untilled areas, abandoned farm at the mouth of Dead and Little Otter creek, recent logging			Just W. of Snake Mt.	development pressure for housing
202	Little Otter	NY or VT	farming- hay and corn, sprawl-type development, large boats on Otter Creek				TFM application for Lewis Creek
203	Mud Hollow Brook	NY or VT	abandoned farmland				2 small blocks?, not very intact, development pressure is high
204	Bridgeport/ Shoreham Road	NY or VT	agriculture, hay and corn, industrial agriculture				less development pressure, some second home development
205	Mt. Independence/ East Creek	NY or VT	dairy farming, corn				some agricultural easements, politically and socially not feasible
206	Bald Mt.	NY or VT					
207	Otter Creek Swamp	NY or VT					boundaries- expand eastward

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Tier
101	The Gulf	NY or VT	1
102	Lake Alice/ Altona	NY or VT	1
103	Boquet Mt.	NY or VT	1
104	Westport Woods	NY or VT	2
105	Ausable Delta	NY or VT	2
201	Dead Creek	NY or VT	1
202	Little Otter	NY or VT	1
203	Mud Hollow Brook	NY or VT	2
204	Bridgeport/ Shoreham Road	NY or VT	2
205	Mt. Independence/ East Creek	NY or VT	
206	Bald Mt.	NY or VT	1
207	Otter Creek Swamp	NY or VT	0

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Acres	Ownership	Road Density	Dominant communities	Other biodiversity values	Notes on Aquatic Features	ELUs, geological features
208	Hogback Mt.	NY or VT				Northern hardwood, lots of oak	no old growth, hemlock, oak, red pine	wetland around Bristol pond- aka Lake Winona	
209	Stewart's Hut	NY or VT				northern hardwood, rich northern hardwood		Brown's River branch at western edge	
210	Georgia Mt.	NY or VT				northern hardwood, rich northern hardwood	dry oak forest, no old growth, rocky woods, high pastures (likely areas that haven't been cleared)	nice river at edges, beaver complexes, Indian Brook, Colchester Pond, north to Lamoille River, upstream of Arrowhead Lake	A few EO's,
211	Missoaquoi Delta	NY or VT							
212	Snake Mt.	NY or VT				maple-ash-hickory-oak, clayplain forest, northern hardwoods, transition hardwood	cliff and talus, northern hardwoods, some old growth is present		
301	Beaver Pond/ Constable	NY or VT				maple-basswood rich mesic forest	50% forested	Beaver Pond Brook has contiguous forests surrounding it	
302	Brasher State Forest Complex	NY or VT				Northern hardwood- wet, no clay, no matrix, old growth?	large patch white cedar swamps, 60-70% forest cover, interesting botanically and for birds	swamps, marsh headwater streams and small main channel streams, intact hydrology?, St. Regis River and Salmon River- potential dam removal site	sandy soils, not much limestone, ELU diversity?, Rhodoro, rare willow- Salix pyrifolia, possibility of goshawk
303	St. Lawrence State Forest	NY or VT				successional northern hardwoods- large patch or matrix?	70% forested	parts of the Grass River	
304	Coles Creek	NY or VT					60% forested, large patch communities- pine northern hardwood and red maple hardwood swamp, small patch community- wetland around Coles Creek, some rare plants, possible cerulean warbler, colonial waterbirds	backwater sloughs, marshes around Coles Creek, blanding turtle	
305	Lisbon Swamp	NY or VT				matrix is a swamp- ash, elm, red maple with a lot of swamp and shrub, calcareous to poor fen, was a bog	many state rare plants, about 50% forest cover, diverse types of moderately globally rare communities- rich graminoid fen, rich shrub fen, red-maple tamarack peat swamp, northern white cedar swamp, limestone woodland, highbush blueberry bog thicket	Blanding turtle	
306	Upper and Lower Lakes Block	NY or VT				matrix may be agriculture converted from former clayplain forest		Large patch open mineral soil wetland types- shallow and deep emergent marshes, shrub swamp, potential sinkhole wetlands	

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Disturbance history	Population density	Breeding area for area-sensitive species?	Connections to other sites?	Other notes
208	Hogback Mt.	NY or VT	always forest, never farmed				management has logged and hates conservation
209	Stewart's Hut	NY or VT	not much farming, mostly forest with agriculture on edge				development- residential sprawl,
210	Georgia Mt.	NY or VT	mostly logged				development at fringes
211	Missoaquoi Delta	NY or VT					
212	Snake Mt.	NY or VT					use current block- include pink to east and gray to southeast---------- (Most supported areas in the 200's are Dead Creek, Stewart Hill and Bald Mt.)
301	Beaver Pond/ Constable	NY or VT					
302	Brasher State Forest Complex	NY or VT	burned a lot on the past, planted jack pine, logged, not much farming, tilled?	population density is low- mostly along the river			aggregation of 4-5 blocks- large contiguous forest on the largest two blocks, continuous forest cover?
303	St. Lawrence State Forest	NY or VT					
304	Coles Creek	NY or VT	farmed	population density is low- mostly along the river			potential resistance to conservation activity, potential environmental enhancement
305	Lisbon Swamp	NY or VT	surrounded by farmland, was probably converted from a clayplain forest				
306	Upper and Lower Lakes Block	NY or VT					

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Tier
208	Hogback Mt.	NY or VT	1
209	Stewart's Hut	NY or VT	1
210	Georgia Mt.	NY or VT	2
211	Missoaquoi Delta	NY or VT	0
212	Snake Mt.	NY or VT	2
301	Beaver Pond/ Constable	NY or VT	1
302	Brasher State Forest Complex	NY or VT	1
303	St. Lawrence State Forest	NY or VT	2
304	Coles Creek	NY or VT	2
305	Lisbon Swamp	NY or VT	0
306	Upper and Lower Lakes Block	NY or VT	0

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Acres	Ownership	Road Density	Dominant communities	Other biodiversity values	Notes on Aquatic Features	ELUs, geological features
307	Black Lake/ Indian River Lake	NY or VT				maple-basswood rich mesic forest and successional southern hardwoods (former clayplain forest)	successional northern hardwood forest- moist green ash, clay, bur oak, butternuts hickory, some hackberry; oak forest area on Grindstone Island which may be protected; rare elm- rock elm along Maple Ridge Rd. and towards Osborne Lake, black rattle snake; this is a high priority area for forested landscape; frontenac axis goes through here, limestone is not a feature; wildlife source are for many species west end of Black Lake, sandstone pavement barrens, possible calcareous pavement barrens, possible large patch limestone woodland, large grasslands, potentially successional old fields along major roads, about 60-70% forested	Indian River Lake is comprised of deep and shallow water, great wetlands in the area, all the lakes in the area are very interesting botanically, all are natural, one is stocked, Red Lake is very attractive, Yellow Lake is remote and undeveloped, most of the lakes have a lot of development, abundant aquatic features including numerous lakes (winter-stratified monomictic lakes, eutrophic dimictic lakes, mesotrophic dimictic lakes, marsh headwater streams, main channel streams- Indian and Oswegatchie Rivers), possible sinkhole wetland complexes, possible rich fens, Large lakeshore wetland complexes- bordering Black Lake, Fish Creek, Hickory Lake, Mud Lake which contain communities including red-maple hardwood swamp, shrub swamp, and shallow emergent marsh	interesting geology up and down a large number of small lakes and in a small area
308	Fort Drum	NY or VT				suspected matrix of maple basswood rich mesic forest, but original survey said maple-basswood that was not necessarily rich	small to large patch features include successional northern sandplain grassland, northern white cedar swamp, rich fens and limestone woodland, about 60-70% forested		varied- sands on southwestern portion, sandplain, old pine plains, old lake bed, Adirondack limestone, lots of minerals, interesting rocks; lake sediments present but not as much as it appears, the southern part is more rocky
309	Pitcairn	NY or VT				maple-basswood rich mesic forest	large patch forest includes line northern hardwood forest, hemlock-northern hardwood forest, limestone woodland, about 80% forested	smaller patch features include red maple-tamarack peat swamp, several significant lake communities	farmland along old roads is now early successional grasslands
310	Stammer Creek	NY or VT				matrix may include beech-maple mesic forest	possible small patch sandstone pavement barrens, about 80% forested		
311	Boyd Pond	NY or VT				northern hardwoods, some maple-basswood forest	about 80% forest cover	nice water features, falls, north and south branches of the Grass River, small patch communities include floodplain forest and possible a red maple-tamarack peat swamp	

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Disturbance history	Population density	Breeding area for area-sensitive species?	Connections to other sites?	Other notes
307	Black Lake/ Indian River Lake	NY or VT	heavy icestorm damage, microburst, upland logged, grazed heavily for a brief period	there is a large area with very little human habitat, Indian River Lakes and Cerasse Lake- mixture of degrees of development, very chopped up, second home development, new access for boaters	upland sandpiper and other grassland nesting birds are NOT in this block, reservoirs of two birds- Cerulean warbler, golden- (this may be the best areas in NY for these species)	yes	there is a young land trust working in this area, there are three different Indian land claims going on in this area, Canadian Thousand Islands has a land trust
308	Fort Drum	NY or VT	agricultural land, management wants to retain it in early succession, some of eastern area was not farmed and near Lake Bonaparte, logging	some roads are no longer there		area around Lake Bonaparte could be expanded for matrix northern hardwood forest to Pitcairn block	active management on entire site, including logging, managing so they can maneuver through so they are keeping the understory clear, conservation could be compatible but military mission is number one priority, the fort has been there since the 1940's
309	Pitcairn	NY or VT					
310	Stammer Creek	NY or VT					little information available
311	Boyd Pond	NY or VT	farming along roads, back parts were always woods, affected by ice storm	low population density			

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Tier
307	Black Lake/ Indian River Lake	NY or VT	1
308	Fort Drum	NY or VT	1
309	Pitcairn	NY or VT	2
310	Stammer Creek	NY or VT	2
311	Boyd Pond	NY or VT	1

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Acres	Ownership	Road Density	Dominant communities	Other biodiversity values	Notes on Aquatic Features	ELUs, geological features
312	Trout Lake	NY or VT				early succession northern hardwoods	some maple-basswood in pockets, native red pine, trailing arbutus, small patch lakeshore communities include pine-northern hardwood forest, shoreline outcrops, 70-80% forest cover	large patch wetland complexes including white cedar swamps and sinkhole wetlands, several good quality lakes- eutrophic to oligotrophic simictic lakes, Oswegatchie River	some sandy soil
313	Boland Creek	NY or VT				successional southern hardwoods, possibly an old clayplain forest	roadside successional old fields, about 50% forested	large patch streamside wetland complex (shrub swamp, silver maple-ash swamp), sinkhole, wetland complexes	
314	North Croghan	NY or VT				maple-basswood rich mesic forest and successional hardwoods	small patch limestone woodlands, about 70-80% forested	wetland complexes, potentially calcareous peatlands (northern white cedar swamp, red maple-tamarack peat swamp and medium fen leads)	
315	Bush Corners	NY or VT				sandplains with boreal heath barrens, natural grassland, pine barrens	large patch pine-northern hardwood forest and successional northern hardwoods, about 80% forested	vernal pond in pine barrens	
316	Crystal Creek	NY or VT				sandplains with boreal heath barrens, natural grassland, pine barrens	large patch pine-northern hardwood forest and successional northern hardwoods, about 80%- 90% forested	vernal pond in pine barrens	
317	Chase Lake	NY or VT				sandplains with boreal heath barrens, natural grassland, pine barrens	large patch pine-northern hardwood forest and successional northern hardwoods, about 80%- 90% forested	vernal pond in pine barrens	
318	Lyonsdale	NY or VT				sandplains with boreal heath barrens, natural grassland, pine barrens, about 1,000 acres of putative old-growth	large patch pine-northern hardwood forest and successional northern hardwoods, about 80% forested	vernal pond in pine barrens, section of midreach stream	
319	Miller Brook	NY or VT					large patch communities include pine-northern hardwood forest and successional northern hardwoods, sandplain with boreal heath barrens, natural grassland, pine barrens, about 90% forested	vernal pond in pine barrens	
320	Tamarack Swamp	NY or VT				about 200 acre of putative old-growth forest	about 90% forested	wetland complex with black spruce-tamarack bog, section of midreach stream	

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Disturbance history	Population density	Breeding area for area-sensitive species?	Connections to other sites?	Other notes
312	Trout Lake	NY or VT	Trout Lake is pretty developed, some are undeveloped lakes, fire-not natural, areas farmed briefly and old farms are scattered about-mostly cleared and pastured, a lot of white pine				
313	Boland Creek	NY or VT					
314	North Croghan	NY or VT					more data in CWNY NAP files
315	Bush Corners	NY or VT					
316	Crystal Creek	NY or VT					
317	Chase Lake	NY or VT					
318	Lyonsdale	NY or VT					
319	Miller Brook	NY or VT					
320	Tamarack Swamp	NY or VT					more data in CWNY NAP files

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Tier
312	Trout Lake	NY or VT	2
313	Boland Creek	NY or VT	2
314	North Croghan	NY or VT	1
315	Bush Corners	NY or VT	2
316	Crystal Creek	NY or VT	0
317	Chase Lake	NY or VT	1
318	Lyonsdale	NY or VT	1
319	Miller Brook	NY or VT	1
320	Tamarack Swamp	NY or VT	0

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Acres	Ownership	Road Density	Dominant communities	Other biodiversity values	Notes on Aquatic Features	ELUs, geological features
321	Jefferson County Alvar	NY	16,000	TNC: 3500; remainder private	moderate - several alvar blocks of 500-2000 acres within the mosaic	calcareous pavement barrens (=alvar shrubland), alvar grassland, limestone woodland in agricultural matrix	about 35 state rare plants; endemic land snails; state rare leps; grassland birds breeding and wintering in the ag matrix	strings of black ash swamp; beaver impoundment; impounded lake	expanse of fissured ordovician limestone at surface; very shallow soils

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Disturbance history	Population density	Breeding area for area-sensitive species?	Connections to other sites?	Other notes
321	Jefferson County Alvar	NY	grazed, logged; some limestone quarries; current ag is cattle grazing, hay, game farm; hay is cut once/year, late - opportunity for successful grassland bird breeding	low	upland sandpiper		this is an edaphic climax - barrens vegetation with prairie affinities developed on very shallow soils, severe flood-drought hydrologic regime

APPENDIX E
Matrix Blocks in St. Lawrence/Champlain Valley Ecoregion

Matrix #	Matrix Name	State(s)/ Province(s)	Tier
321	Jefferson County Alvar	NY	0

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
Note: in the column "Ten-year action site?" Y=yes as a standard site; YM= yes as a matrix block																								
ANIMALS: AMPHIBIANS																								
662			VT	SNAKE MOUNTAIN-ROBBINS UPPER NW POOL	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2	E		SNAKE MOUNTAIN		S				3	2	2	7	N	N	
663			VT	SNAKE MOUNTAIN-ROBBINS SE SWAMP	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2	E		SNAKE MOUNTAIN		S				3	2	2	7	N	N	
664			VT	DEWEY ROAD	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2			DEWEY ROAD		S										
665			VT	SUNSET LAKE ROAD	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2			SUNSET LAKE ROAD		S										
666			VT	MOUNTAIN ROAD	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2					S										
667			VT	LOWER BRISTOL NOTCH ROAD	AMBYSTOMA JEFFERSONIANUM		JEFFERSON SALAMANDER	G4	S2			BRISTOL CLIFFS	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	S										
668	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP-MORGAN ROAD	AMBYSTOMA LATERALE		BLUE-SPOTTED SALAMANDER	G5	S3	E				S				3	2	2	7	Y	Y	
669			VT	MUD POND-WILLISTON	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	S2			MUD POND-WILLISTON	MUD POND TNC PRESERVE	S										
670			VT	SHELBURNE POND	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	S2			SHELBURNE POND		S								Y	Y	
671			VT	LAPLATTE RIVER MARSH	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	S2	E		LAPLATTE RIVER MARSH	LAPLATTE RIVER MARSH TNC PRESERVE	S										
672			VT	SNAKE MOUNTAIN	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	S2	E		SNAKE MOUNTAIN		S				3	2	2	7	N	N	
673	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP-MORGAN ROAD	HEMIDACTYLIUM SCUTATUM		FOUR-TOED SALAMANDER	G5	S2	E				S				3	2	2	7	Y	Y	
674	Little Otter Creek	1	VT	LEWIS CREEK	NECTURUS MACULOSUS		MUDPUPPY	G5	S2			LEWIS CREEK		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
ANIMALS: REPTILES																								
806			VT	HUNTINGTON ROAD	CLEMMYS GUTTATA		SPOTTED TURTLE	G5	S1					S										
807			NY	FRENCH CREEK CLAYTON	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	F	0	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	S										
808			NY	WILSON BAY MARSH	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	50	WILSON BAY MARSH		S										
809			NY	KRING POINT ROAD WETLAND	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	20			S										
810			NY	FRENCH CREEK CLAYTON	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	305	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	S										
811			NY	BLACK RIVER VILLAGE	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
812			NY	BLACK ASH SWAMP	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
813			NY	CANTON WETLANDS	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
814	(Jefferson County Alvar)	0	NY	FRENCH CREEK CLAYTON	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0	FRENCH CREEK CLAYTON		S										
815			NY	THREE MILE POINT	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
816			NY	MORLEY-POTSDAM ROAD SWAMP	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
817	(Lisbon Swamp)	0	NY	MORAN ROAD FIELD	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
818			NY	PERCH RIVER SWAMP	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	AB	3	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	S										
819	Coles Creek	2	NY	COLES CREEK MOUTH	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	CD	0	SAINT LAWRENCE RIVER MEGASITE	COLES CREEK STATE PARK	S										
820	Black/Indian River Lakes	1	NY	MILLSITE LAKE	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
821			NY	CRANBERRY CREEK MARSH	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	425		CRANBERRY CREEK WILDLIFE MANAGEMENT AREA	S										
822			NY	EDGEWOOD	EMYDOIDEA BLANDINGII		BLANDING'S TURTLE	G4	S2S3	E	0			S										
823			VT	SUNSET LAKE	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2	B	195	SUNSET LAKE		S										
824			VT	SUNRISE LAKE	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2	B	52	SUNRISE LAKE		S										
825	Bald Mountain	1	VT	RED ROCK BAY	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2			RED ROCK BAY		S				3	2	3	8	Y	YM	
826	Dead Creek	1	VT	DEAD CREEK MARSH	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2			DEAD CREEK MARSH	DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
827			VT	LAKE HORTONIA	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2			LAKE HORTONIA		S										
828			VT	BENSON LANDING	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2			BENSON LANDING	BENSON LANDING AA	S										
829			VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2			POULTNEY RIVER		S				3	2	3	8	Y	Y	
830			VT	LAMOILLE RIVER, LOWER	STERNOTHERUS ODORATUS		COMMON MUSK TURTLE	G5	S2	E		LAMOILLE RIVER, LOWER	SANDBAR WMA	S										

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
658	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	APOLONE SPINERA		SPINY SOFTSHELL TURTLE					MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	P	Y	Y		3	1	3	7	N	Y	USFWS, TNC assist
659			VT	LAMOILLE RIVER DELTA	APOLONE SPINERA		SPINY SOFTSHELL TURTLE					LAMOILLE RIVER DELTA		P	Y	Y		3	2	2	7	N	Y	
596	Bald Mountain	1	VT	BALD MOUNTAIN	EUMECES FASCIATUS		FIVE-LINED SKINK	G5	S1		30	BALD MOUNTAIN-WEST HAVEN		P	Y	Y		3	2	3	8	Y	YM	
831			VT	COLCHESTER BOG	THAMNOPHIS SAURITUS		EASTERN RIBBON SNAKE	G5	S2			COLCHESTER BOG		S				1	1	3	5	N	N	
832	Bald Mountain	1	VT	BALD MOUNTAIN	CROTALUS HORRIDUS		TIMBER RATTLESNAKE	G4	S1		10	BALD MOUNTAIN		S				3	2	3	8	Y	YM	
833			VT	SUNSET LAKE	CROTALUS HORRIDUS		TIMBER RATTLESNAKE	G4	S1			SUNSET LAKE		S										
834	Bald Mountain	1	VT	BALD MOUNTAIN EAST	CROTALUS HORRIDUS		TIMBER RATTLESNAKE	G4	S1	E	10	BALD MOUNTAIN MACROSITE		S				3	2	3	8	Y	YM	
835	Bouquet Mountain	1	NY	SPLIT ROCK MOUNTAIN	CROTALUS HORRIDUS		TIMBER RATTLESNAKE	G4	S3	A	24	COON MOUNTAIN-SPLIT ROCK MOUNTAIN	ADIRONDACK PARK	S				2	3	2	7	Y	Y	State
ANIMALS: BIRDS (Note: Wetland breeding bird sirtes will be added)																								
Concentrations																								
650			NY	Ashland Flats			Grassland Breeding Bird Concentration						ASHLAND FLATS WILDLIFE MANAGEMENT AREA	STL				2	1	3	5	N	N	DEC (TNC)
655	Dead Creek	1	VT	Dead Creek/Addison County Grasslands			Grassland Breeding Bird Concentration							STL				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
652			NY	Fort Drum			Grassland Breeding Bird Concentration						FORT DRUM MILITARY RESERVATION	STL				3	1	3	7	Y	YM	Dept of Defese
651	(Lisbon Swamp)	0	NY	Lisbon Grasslands/Upper & Lower Lakes WMA			Grassland Breeding Bird Concentration							STL										
654			NY	Perch River Grasslands/Perch River WMA			Grassland Breeding Bird Concentration							STL										
653			NY	Plattsburgh Airfield			Grassland Breeding Bird Concentration						PLATTSBURGH AIR FORCE BASE	STL								N	N	Audobon
Species Targets																								
675			VT	KIBBE POINT	GAVIA IMMER		COMMON LOON	G5	S2B,S4N	D	1			S										
676	Black/Indian River Lakes	1	NY	GRASS LAKE	GAVIA IMMER		COMMON LOON	G5	S3S4	B	300			S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
677			NY	CLEAR LAKE	GAVIA IMMER		COMMON LOON	G5	S3S4	C	155			S										
678	Black/Indian River Lakes	1	NY	MILLSITE LAKE	GAVIA IMMER		COMMON LOON	G5	S3S4	C	520			S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
679			NY	FOUR BROTHERS ISLANDS	GAVIA IMMER		COMMON LOON	G5	S3S4	D	0	FOUR BROTHERS ISLANDS	FOUR BROTHERS ISLANDS PRESERVE	S										
680	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 MUD LAKE	GAVIA IMMER		COMMON LOON	G5	S3S4	C	140	FORT DRUM MUD LAKE	FORT DRUM MILITARY RESERVATION	S				3	1	3	7	Y	YM	Dept. of Defense
681	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 INDIAN POND	GAVIA IMMER		COMMON LOON	G5	S3S4	C	65		FORT DRUM MILITARY RESERVATION	S				3	1	3	7	Y	YM	Dept. of Defense
682			VT	MUD CREEK MARSH	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	S2B,S3N	E	1000+	MUD CREEK MARSH	MUD CREEK WMA	S				3	2	2	7	N	Y	
683			VT	LAMOILLE RIVER DELTA	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	S2B,S3N			LAMOILLE RIVER DELTA		S										
1	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	S2B,S3N			MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
684			VT	STATION ROAD MARSH	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	S2B,S3N	E		STATION ROAD MARSH		S								N	N	
2	Little Otter Creek	1	VT	LITTLE OTTER CREEK	PODILYMBUS PODICEPS		PIED-BILLED GREBE	G5	S2B,S3N			LITTLE OTTER CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
685			VT	MUD CREEK MARSH	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N	B		MUD CREEK MARSH	MUD CREEK WMA	S				3	2	2	7	N	Y	
3	Little Otter Creek	1	VT	LITTLE OTTER CREEK	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N			LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
4			VT	DEAD CREEK MARSH	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N	E		DEAD CREEK MARSH	DEAD CREEK WMA	S										
5	Little Otter Creek	1	VT	OTTER CREEK MARSH	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N			OTTER CREEK MARSH	OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
686			VT	INTERVALE	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N			BURLINGTON INTERVALE		S										
687			VT	FAIRFIELD SWAMP	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N			FAIRFIELD SWAMP	FAIRFIELD SWAMP-FAIRFIELD WMA	S										
688	(Mount Independence)	0	VT	EAST CREEK MARSH	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N	A		EAST CREEK		S				2	3	2	7	Y	Y	
689			VT	SIMMS POINT	IXOBRYCHUS EXILIS		LEAST BITTERN	G5	S2B,S2N	E		SIMMS POINT		S										
6	Little Otter Creek	1	VT	LITTLE OTTER CREEK NORTH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	C		LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
7	Little Otter Creek	1	VT	OTTER CREEK MARSH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	A		OTTER CREEK MARSH	OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
690			VT	LAMOILLE RIVER DELTA-SANDBAR REFUGE SOUTH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		LAMOILLE RIVER DELTA	SANDBAR WMA	S										
8	Little Otter Creek	1	VT	OTTER CREEK MARSH-OXBOW POND	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		OTTER CREEK MARSH		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
9	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA-LONG MARSH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
691	Hogback Mountains	1	VT	BRISTOL POND BOG	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	C	300	BRISTOL POND BOG		S				2	2	2	6	N	YM	Cons Commission, Bristol
10	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA-MAQUAM BAY WMA	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
11	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA-CRANBERRY POOL	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
12	(Missisquoi River Delta)	0	VT	METCALF ISLAND-WEST	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
13	Little Otter Creek	1	VT	LITTLE OTTER CREEK SOUTH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		LITTLE OTTER/LEWIS CREEK MARSH		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
692			VT	LAMOILLE RIVER DELTA-SANDBAR REFUGE NORTH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	B		LAMOILLE RIVER DELTA	SANDBAR WMA	S										
693	Dead Creek	1	VT	WHITNEY CREEK	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		WHITNEY CREEK MARSH		S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
14	Little Otter Creek	1	VT	LEWIS CREEK	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	D		LEWIS CREEK		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
15	Dead Creek	1	VT	DEAD CREEK WMA	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		DEAD CREEK MARSH	DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
694			VT	ARROWHEAD MOUNTAIN LAKE	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		ARROWHEAD MOUNTAIN LAKE		S										
16			VT	METCALFE ISLAND-NORTH	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S										
17	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA-CHARCOAL CREEK	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
18	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA-GOOSE BAY	PANDION HALIAETUS		OSPREY	G5	S2B,S4N	E		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
695			VT	MALLET'S BAY CREEK	PANDION HALIAETUS		OSPREY	G5	S2B,S4N			MALLET'S BAY CREEK		S										
19	Little Otter Creek	1	VT	KINGSLAND BAY	PANDION HALIAETUS		OSPREY	G5	S2B,S4N			KINGSLAND BAY	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
20			NY	PERCH RIVER SWAMP	HALIAEETUS LEUCOCEPHALUS		BALD EAGLE	G4	S2S3B,S2	C	150	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	S										
21			NY	SAINT LAWRENCE RIVER	HALIAEETUS LEUCOCEPHALUS		BALD EAGLE	G4	S2S3B,S2	E	0	SAINT LAWRENCE RIVER MEGASITE	WELLESLEY ISLAND STATE PARK	S								Y	Y	
696	Black/Indian River Lakes	1	NY	BLACK CREEK	HALIAEETUS LEUCOCEPHALUS		BALD EAGLE	G4	S2S3B,S2	D	0		ST LAWRENCE-36 STATE FOREST	S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
697			NY	PILLAR POINT	HALIAEETUS LEUCOCEPHALUS		BALD EAGLE	G4	S2S3B,S2	E	0			S										
698			VT	SHOREHAM CEDAR SWAMP	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4					S										
22			VT	ORWELL FARM #1	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	B	40			S										
23			VT	FENTON HILL MEADOW (FORMELY ORWELL FARM #2)	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	B	40	FENTON HILL MEADOW		S				2	2	2	6	N	N	
24	Dead Creek	1	VT	WEST OF GRANDVIEW CEMETERY	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	B	30			S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
25			VT	HOLCOMB SLANG	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	B	20			S										
26			NY	FORT DRUM TRAINING AREAS 11/12/13 ANTWERP ROAD GRA	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	B	4270		FORT DRUM MILITARY RESERVATION	S										
27	Dead Creek	1	VT	DEAD CREEK MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	C		DEAD CREEK MARSH	DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
28			NY	FORT DRUM TRAINING AREA 3	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0		FORT DRUM MILITARY RESERVATION	S										
29	(Missisquoi River Delta)	0	VT	MAQUAM BOG	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	B		MAQUAM BOG	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
699			NY	FRENCH CREEK CLAYTON	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	C	640	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	S										
700			VT	FRANKLIN BOG	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	E		FRANKLIN BOG		S				2	1	3	6	Y	N	
701	(Mount Independence)	0	VT	EAST CREEK MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	E		EAST CREEK		S				2	3	2	7	Y	Y	
702			VT	ALLENS HILL	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S2B,S3S4	D				S										
703			NY	CROOKED CREEK MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0	CROOKED CREEK MARSH		S										
30			NY	GOOSE BAY AND CRANBERRY CREEK	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E?	0			S										
31			NY	CHIPPEWA CREEK MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0	CHIPPEWA BAY MARSH		S										

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
704			NY	CHAZY FLATS	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	4318.28	KINGS BAY	KINGS BAY WILDLIFE MANAGEMENT AREA	S										
705			NY	RILEY BROOK	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	D	487	MONTY BAY	MONTY'S BAY WILDLIFE MANAGEMENT AREA	S										
706	Lake Alice/Altona	1	NY	LAKE ALICE	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	D	435	LAKE ALICE	LAKE ALICE WILDLIFE MANAGEMENT AREA	S				3	2	3	8	Y	Y	
707	Lake Alice/Altona	1	NY	THE VLY	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	6088	THE VLY		S				3	2	3	8	Y	Y	
32			NY	RUNWAY GRASSLAND	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	CD	163		PLATTSBURGH AIR FORCE BASE	S										
33			NY	ROBINSON BAY EAST	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	D	100	SAINT LAWRENCE RIVER MEGASITE	ROBERT MOSES STATE PARK (ST LAWRENCE)	S								N	N	Parks
708			NY	WHITEHOUSE POINT	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	CD	800	SAINT LAWRENCE RIVER MEGASITE		S										
709	(Upper and Lower Lakes)	0	NY	IRISH SETTLEMENT ROAD FIELDS	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	D?	10		UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	S										
34	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	S										
35	Ausable Delta	2	NY	WICKHAM MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0	AUSABLE DELTA	WICKHAM MARSH WILDLIFE MANAGEMENT AREA	S										
710			NY	ESSEX STATION SEDGE MARSH	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	6601.95	CHAMPLAIN VALLEY FARM EASEMENTS	ADIRONDACK PARK	S										
711			NY	BOQUET RIVER FLOODPLAINS	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0		ADIRONDACK PARK	S										
712			NY	WEST OF COLE BAY	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0	CHAMPLAIN VALLEY FARM EASEMENTS	ADIRONDACK PARK	S										
713			NY	SOUTH OF WESTPORT	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0		ADIRONDACK PARK	S										
36			NY	DOG HILL ROAD FIELDS	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	C	4978.39	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	S										
37			NY	ASHLAND ROAD GRASSLAND	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	D	299		ASHLAND FLATS WILDLIFE MANAGEMENT AREA	S										
714			NY	CROWN POINT	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0		CROWN POINT STATE HISTORIC SITE	S										
715			NY	CUMBERLAND HEAD	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0			S										
716			NY	WESTVILLE GRASSLAND	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	0			S										
717			NY	ELM FLATS	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	3110.5			S										
718			NY	ALBURG	CIRCUS CYANEUS		NORTHERN HARRIER	G5	S3B,S3N	E	2928.03			S										
719			VT	LADD POINT	ACCIPITER COOPERII		COOPER'S HAWK	G5	S2S3B,SZ	E		LADD POINT		S										
720	Bouquet Mountain	1	NY	PALISADES WESTPORT	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S3B,SZN	E	0	COON MOUNTAIN-SPLIT ROCK MOUNTAIN	ADIRONDACK PARK	S				2	3	2	7	Y	Y	
721			VT	RATTLESNAKE POINT	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N	D		RATTLESNAKE POINT	GMNF MIDDLEBURY RANGER DISTRICT	S								N	Y	
722			NY	ANTHONYS NOSE PUTNAM	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S3B,SZN	E	0	LAKE GEORGE MEGASITE	ADIRONDACK PARK	S										
723	(Missisquoi River Delta)	0	VT	HIGHGATE STATE PARK SITE	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N			HIGHGATE STATE PARK SITE	HIGHGATE STATE PARK	S				3	1	3	7	N	Y	USFWS, TNC assist (this applies to delta, not to state park)
724	Hogback Mountains	1	VT	DEER LEAP	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N	B		DEER LEAP		S				2	2	2	6	N	YM	Cons Commission, Bristol
725			VT	CLOAK ISLAND	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N			CLOAK ISLAND		S										
726			NY	WILLSBORO BAY CLIFFS	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S3B,SZN	E	0		ADIRONDACK PARK	S										
727			VT	ARROWHEAD MOUNTAIN	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N	C		ARROWHEAD MOUNTAIN		S				1	3	2	6	N	Y	
728			VT	BRISTOL CLIFFS	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N			BRISTOL CLIFFS		S				3	2	3	8	N	Y	
729	Dead Creek	1	VT	SNAKE MOUNTAIN	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S2B,S2N			SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
730			NY	ROGERS ROCK AND SLIDE	FALCO PEREGRINUS		PEREGRINE FALCON	G4	S3B,SZN	E	105	LAKE GEORGE MEGASITE	ADIRONDACK PARK	S										
38	Bridport	2	VT	CREAM HILL	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E	60	CREAM HILL		S				2	3	1	6	N	N	
731			VT	SWANTON HAYFIELDS	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S										
39			VT	SHOREHAM VILLAGE	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S										
40			VT	FULLER MOUNTAIN ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			FULLER MOUNTAIN ROAD		S				2	2	2	6	N	N	
41			VT	EAST SLANG ACCESS	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			EAST SLANG ACCESS		S										
732			VT	GUINEA ROAD-CHARLOTTE	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			GUINEA ROAD-CHARLOTTE		S										
42	Little Otter Creek	1	VT	SAND ROAD-FERRISBURG	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
43	Little Otter Creek	1	VT	LITTLE CHICAGO ROAD SITE	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			LITTLE OTTER CREEK FORESTLANDS		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
44			VT	CLAPLIN FARM	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S				1	2	2	5	N	N	
45			VT	FIVE MILE POINT	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S				2	2	2	6	N	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
46			VT	SHOREHAM CEDAR SWAMP	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S										
47	(Mount Independence)	0	VT	LARRABEE'S POINT	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			LARRABEE'S POINT		S										
48			VT	FENTON HILL MEADOW	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3		40	FENTON HILL MEADOW		S				2	2	2	6	N	N	
49			VT	SPERRY ROAD-CORNWALL	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S										
733			VT	MILL BROOK MEADOW	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3					S										
734			VT	SPEAR STREET MEADOW	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3			SPEAR STREET MEADOW		S										
50			VT	LAFOUNTAIN MEADOW	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3		5	LAFOUNTAIN MEADOW		S										
735			VT	CHESTER ARTHUR ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3		50			S										
51	Dead Creek	1	VT	RATLIN BRIDGE ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3		100			S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
736			VT	THEODORE ROOSEVELT HIGHWAY	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3		500			S										
52	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP-PEET ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E	25	CORNWALL SWAMP		S				3	2	2	7	Y	Y	
737			VT	WOOSTER ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E				S										
738			VT	GOOSE POINT	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E	35			S										
53			VT	LEMON FAIR ROAD	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E				S										
739			VT	GEORGIA-INTERSTATE 89	BARTRAMIA LONGICAUDA		UPLAND SANDPIPER	G5	S2S3B,S3	E				S										
54			VT	SAVAGE ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	D		SAVAGE ISLAND		S								N	N	LCLT
55			VT	GULL ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	D		GULL ISLAND		S										
56			VT	ROCK ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	C		ROCK ISLAND		S										
57			VT	POPASQUASH ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	A		POPASQUASH ISLAND		S										
58			VT	GRAMMAS ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	C		GRAMMAS ISLAND		S				1	1	3	5	N	N	
59			VT	HEN ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S1S2B,S2	CD	1	HEN ISLAND	HEN ISLAND TNC PRESERVE	S										
60			NY	NAVIGATION LIGHT EAST OF 57	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1	SAINT LAWRENCE RIVER MEGASITE		S										
61			NY	NAVIGATION LIGHT 57	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
62			NY	LONG SAULT ISLANDS NORTHEAST	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	LONG SAULT ISLANDS		S										
740			NY	OLD MAN ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1	SAINT LAWRENCE RIVER MEGASITE		S										
63			NY	WHALEBACK ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1	SAINT LAWRENCE RIVER MEGASITE		S										
64			NY	MURPHY ISLANDS	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	2	SAINT LAWRENCE RIVER MEGASITE		S										
65			NY	NAVIGATION LIGHT 79	STERNA HIRUNDO		COMMON TERN	G5	S3B	B	1	SAINT LAWRENCE RIVER MEGASITE		S										
66			NY	NAVIGATION LIGHT 91	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
67			NY	NAVIGATION LIGHT 58	STERNA HIRUNDO		COMMON TERN	G5	S3B	B	1	SAINT LAWRENCE RIVER MEGASITE		S										
68			NY	NAVIGATION LIGHT 73	STERNA HIRUNDO		COMMON TERN	G5	S3B	B	1	SAINT LAWRENCE RIVER MEGASITE		S										
69			NY	NAVIGATION LIGHT 75	STERNA HIRUNDO		COMMON TERN	G5	S3B	B	1	SAINT LAWRENCE RIVER MEGASITE		S										
70			NY	BIG GULL ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
71			NY	NAVIGATION LIGHT 156	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
741			NY	BOGARDUS ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S3B	F	0	SAINT LAWRENCE RIVER MEGASITE		S										
72			NY	NAVIGATION LIGHT 85	STERNA HIRUNDO		COMMON TERN	G5	S3B	C	1	SAINT LAWRENCE RIVER MEGASITE		S										
742			NY	BOOM CELL C	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1	SAINT LAWRENCE RIVER MEGASITE		S										
73			NY	NAVIGATION LIGHT 51	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
74			NY	NAVIGATION LIGHT 213	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1			S										
75			NY	PERCH ROCK	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1			S										
76			NY	TWIN ISLAND SHOAL	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1			S								N	N	?

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
77			NY	FOXYS SHOALS	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1			S										
78			NY	NO NAME ISLAND	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1			S										
79			NY	HALFWAY ISLAND ROCK	STERNA HIRUNDO		COMMON TERN	G5	S3B	C	1			S										
80			NY	NAVIGATION LIGHT 180	STERNA HIRUNDO		COMMON TERN	G5	S3B	CD	1			S										
81			NY	WHALEBACK ISLAND ROCK	STERNA HIRUNDO		COMMON TERN	G5	S3B	D	1	SAINT LAWRENCE RIVER MEGASITE		S										
743			NY	BOOM CELL B	STERNA HIRUNDO		COMMON TERN	G5	S3B	C	1			S										
82			NY	PERCH RIVER	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	B	1270	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	S										
83	Little Otter Creek	1	VT	LITTLE OTTER CREEK MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B,S2N	B		LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
84			VT	DEAD CREEK MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B,S2N	E		DEAD CREEK MARSH	DEAD CREEK WMA	S										
85	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	C	820	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	S										
86			VT	MUD CREEK MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B,S2N	AB	50	MUD CREEK MARSH	MUD CREEK WMA	S				3	2	2	7	N	Y	
87	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA SURVEY ROUTES	CHLIDONIAS NIGER		BLACK TERN	G4	S2B,S2N	A		MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
88			VT	WINOOSKI DELTA	CHLIDONIAS NIGER		BLACK TERN	G4	S2B,S2N	E		WINOOSKI DELTA		S								N	Y	
89			NY	DEXTER MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	B	1700		DEXTER MARSH WILDLIFE MANAGEMENT AREA	S										
90			NY	WILSON BAY MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	A	470	WILSON BAY MARSH		S										
91			NY	KINGS BAY	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	D	125	KINGS BAY	KINGS BAY WILDLIFE MANAGEMENT AREA	S								N	N	DEC
92	Lake Alice/Altona	1	NY	LAKE ALICE	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	F	0	LAKE ALICE	LAKE ALICE WILDLIFE MANAGEMENT AREA	S				3	2	3	8	Y	Y	
93			NY	EISS MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	C	126			S										
94			NY	KINGS BAY WETLANDS	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	D	90	KINGS BAY	KINGS BAY WILDLIFE MANAGEMENT AREA	S								N	N	DEC
95			NY	BAILEY SETTLEMENT ROAD MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	E	0			S										
96			NY	IVES STREET MARSH	CHLIDONIAS NIGER		BLACK TERN	G4	S2B	E	0			S										
744			VT	ARNOLD SCHOOL	ASIO OTUS		LONG-EARED OWL	G5	S2B,S2N					S										
745	Bald Mountain	1	VT	RAIN ROAD GORGE	ASIO OTUS		LONG-EARED OWL	G5	S2B,S2N					S				3	2	3	8	Y	YM	
746			VT	BUCK MOUNTAIN	ASIO OTUS		LONG-EARED OWL	G5	S2B,S2N			BUCK MOUNTAIN		S										
747			VT	SHELBURNE FARMS	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S1B,S2N					S										
748			VT	SHOREHAM CEDAR SWAMP	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S1B,S2N					S										
97	Dead Creek	1	VT	DEAD CREEK MARSH-BRILLYEA ACCESS	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S1B,S2N			DEAD CREEK MARSH	DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
749			VT	NORTH HERO STATE PARK SITE	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S1B,S2N		1	NORTH HERO STATE PARK SITE		S				2	2	2	6	N	N	
98			VT	WEST ROAD-PANTON	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S1B,S2N					S										
750			NY	WORDEN ROAD FIELD	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	0			S										
751			NY	WATERTOWN AIRPORT	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	0			S										
752			NY	SAM SPEAR ROAD FIELD	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	0		ADIRONDACK PARK	S										
99			NY	ASHLAND ROAD GRASSLAND	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	0		ASHLAND FLATS WILDLIFE MANAGEMENT AREA	S										
100			NY	ASHLAND ROAD GRASSLAND	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	0		ASHLAND FLATS WILDLIFE MANAGEMENT AREA	S										
101			NY	FORT DRUM TRAINING AREAS 11/12/13 ANTWERP ROAD GRA	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	E	1480		FORT DRUM MILITARY RESERVATION	S										
102	Ausable Delta	2	NY	PLAINS ROAD AUSABLE	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	F	0		ADIRONDACK PARK	S										
753			NY	MAY ROAD FIELD	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	F	0			S										
754			NY	CHAZY FLATS	ASIO FLAMMEUS		SHORT-EARED OWL	G5	S2	F	2533	KINGS BAY		S										
755	Bald Mountain	1	VT	CEDAR MOUNTAIN-BENSON	CAPRIMULGUS VOCIFERUS		WHIP-POOR-WILL	G5	S2B,SZN	E		CEDAR MOUNTAIN-BENSON		S				3	2	3	8	Y	YM	
756	Snake Mountain	2	VT	SNAKE MOUNTAIN	CAPRIMULGUS VOCIFERUS		WHIP-POOR-WILL	G5	S2B,SZN			SNAKE MOUNTAIN		S				3	2	2	7	N	N	
757	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ			MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
758	(Mount Independence)	0	VT	EAST CREEK MARSH	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	B	10	EAST CREEK		S				2	3	2	7	Y	Y	
759			VT	UNION CEMETERY	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	C	1			S										
760			VT	SIMM'S POINT ROAD	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ					S										
761	Dead Creek	1	VT	GRANDY ROAD-ADDISON	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ			GRANDY ROAD-ADDISON		S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
762	Dead Creek	1	VT	TOWN LINE ROAD-ADDISON	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ					S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
763	Bald Mountain	1	VT		MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ					S				3	2	3	8	Y	YM	
764			VT	AVERY ROAD	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	E		AVERY ROAD		S										
765	Bridport	2	VT	HUESTIS ROAD	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	E		HUESTIS ROAD		S				2	3	1	6	N	N	
766	Bridport	2	VT	MARKET ROAD SITE	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	E		MARKET ROAD SITE		S				2	3	1	6	N	N	
767			VT	MURPHY FARM	MELANERPES ERYTHROCEPHALUS		RED-HEADED WOODPECKER	G5	S1S2B,SZ	E				S										
103	Little Otter Creek	1	VT	LITTLE OTTER CREEK	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S1B,SZN			LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
768			VT	OAK HILL ROAD SITE	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S1B,SZN			OAK HILL ROAD SITE		S										
769	Lake Alice/Altona	1	NY	MCBRIDE ROAD WETLAND	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S3B,SAN	E	180			S				3	2	3	8	Y	Y	
104	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S3B,SAN	E	0	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	S										
105	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S3B,SAN	?	0	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	S										
770			NY	ESSEX STATION SEDGE MARSH	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S3B,SAN	A	260		ADIRONDACK PARK	S										
106			NY	ASHLAND ROAD WETLAND	CISTOTHORUS PLATENSIS		SEDGE WREN	G5	S3B,SAN	E	54		ASHLAND FLATS WILDLIFE MANAGEMENT AREA	S										
771			NY	LIMERICK CEDARS	LANIUS LUDOVICIANUS		LOGGERHEAD SHRIKE	G4	S1B,SZN	D	33	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										
772			NY	FORT COVINGTON PASTURES	LANIUS LUDOVICIANUS		LOGGERHEAD SHRIKE	G4	S1B,SZN	B	180	FORT COVINGTON PASTURES		S										
773			NY	COFFEEN STREET	LANIUS LUDOVICIANUS		LOGGERHEAD SHRIKE	G4	S1B,SZN	E	0			S										
107			VT	LAMOILLE RIVER DELTA	DENDROICA CERULEA		CERULEAN WARBLER	G4	S1B,SZN	E	20	LAMOILLE RIVER DELTA	SANDBAR WMA	S										
108			VT	NIQUETTE STATE PARK	DENDROICA CERULEA		CERULEAN WARBLER	G4	S1B,SZN	E		NIQUETTE STATE PARK	MALLETTS BAY STATE PARK	S				2	2	3	7	N	N	
109			VT	SHOREHAM HAY FIELD	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN					S										
110			VT	SHOREHAM, NEAR LAKE CHAMPLAIN	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN					S										
111			VT	DEAD CREEK MARSH	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN			DEAD CREEK MARSH		S										
774			VT	BUTTON BAY CAMPGROUND	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN			BUTTON BAY CAMPGROUND SITE	BUTTON BAY STATE PARK	S										
112	Dead Creek	1	VT	DEAD CREEK-BRILYEA ACCESS	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN			DEAD CREEK MARSH	DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
113	Dead Creek	1	VT	DEAD CREEK-GAGE ROAD	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN			DEAD CREEK-GAGE ROAD		S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
114			VT	OTTER CREEK AT BUCK MOUNTAIN	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN	B		OTTER CREEK AT BUCK MOUNTAIN		S										
775	(Otter Creek Swamps)	0	VT	PEET ROAD SITE	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN	E		PEET ROAD SITE		S				3	2	2	7	Y	Y	
776			VT	CAMP JOHNSON	AMMODRAMUS SAVANNARUM		GRASSHOPPER SPARROW	G5	S2B,SZN			CAMP JOHNSON SITE	CAMP JOHNSON MILITARY RESERVATION	S				1	3	2	6	N	Y	DOD
115			VT	WINOOSKI RIVER-DOUGLAS CURVE	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1	E	1	WINOOSKI RIVER, LOWER		P	Y	Y						N	N	
116	St. Lawrence State Forest	2	NY	GRASSE RIVER MADRID	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1S2	E	0	GRASSE RIVER		P	Y	Y						Y	N	
117	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1	E		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	P	Y	Y		3	1	3	7	N	Y	USFWS, TNC assist
118			NY	MADRID DAM GRASS RIVER	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1S2	E	0	GRASS RIVER BELOW MADRID DAM		P	Y	Y						Y	N	
119			VT	LAMOILLE RIVER, LOWER	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1	E		LAMOILLE RIVER, LOWER		P	Y	Y		3	3	2	8	Y	Y	
120			NY	SAINT LAWRENCE RIVER OGDENSBURG	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1S2	C	1	SAINT LAWRENCE RIVER MEGASITE		P	Y	Y						Y	Y	
121			VT	SALMON HOLE	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1	E		SALMON HOLE		P	Y	Y						N	N	
122			NY	SAINT LAWRENCE RIVER SOUTH CHANNEL	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1S2	C	615	SAINT LAWRENCE RIVER MEGASITE		P	Y	Y						Y	Y	
123			NY	SAINT LAWRENCE RIVER WEST OF COLES CREEK	ACIPENSER FULVESCENS		LAKE STURGEON	G3	S1S2	E	64	SAINT LAWRENCE RIVER MEGASITE		P	Y	Y						Y	Y	
777			VT	LITTLE OTTER CREEK-NEW HAVEN	HYBOGNATHUS HANKINSONI		BRASSY MINNOW	G5	S1	E		LITTLE OTTER CREEK-NEW HAVEN		S										
778			VT	SAMSONVILLE BROOK	HYBOGNATHUS HANKINSONI		BRASSY MINNOW	G5	S1	E		SAMSONVILLE BROOK		S										
779			NY	FRENCH CREEK CLAYTON	NOTROPIS ANOGENUS		PUGNOSE SHINER	G3	S1	F	0	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	S										
780			NY	OAK ISLAND	NOTROPIS ANOGENUS		PUGNOSE SHINER	G3	S1	E	0	SAINT LAWRENCE RIVER MEGASITE		S										
781	(Mount Independence)	0	VT	EAST CREEK	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1			EAST CREEK	EAST CREEK WMA	S				2	3	2	7	Y	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
782	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1	E		POULTNEY RIVER		S				3	2	3	8	Y	YM	
783	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1	E		POULTNEY RIVER		S				3	2	3	8	Y	YM	
784	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1	E		POULTNEY RIVER		S				3	2	3	8	Y	YM	
785	Bald Mountain	1	VT	HUBBARDTON RIVER	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1	E		HUBBARDTON RIVER		S				3	2	3	8	Y	YM	
786	Bald Mountain	1	NY	POULTNEY RIVER	NOTROPIS HETERODON		BLACKCHIN SHINER	G5	S1	D	5	SOUTHERN LAKE CHAMPLAIN VALLEY		S				3	2	3	8	Y	YM	
787			NY	CHAUMONT BAY	CARPIODES CYPRINUS		QUILLBACK	G5	S2	E	0			P	?	N								
594			VT	LAMOILLE RIVER, LOWER	CARPIODES CYPRINUS		QUILLBACK	G5	S1	E		LAMOILLE RIVER, LOWER		P	Y	Y		3	3	2	8	Y	Y	
595			VT	LOWER WINOOSKI RIVER	CARPIODES CYPRINUS		QUILLBACK	G5	S1			WINOOSKI RIVER, LOWER		P	Y	Y								
788	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	MOXOSTOMA ANISURUM		SILVER REDHORSE	G5	SU			POULTNEY RIVER		S				3	2	3	8	Y	YM	
800			NY	SAINT LAWRENCE RIVER LAKE SAINT LAWRENCE	MOXOSTOMA VALENCIENNESI		GREATER REDHORSE	G4	S2	E	0	SAINT LAWRENCE RIVER MEGASITE		S										
124			VT	LAMOILLE RIVER, LOWER	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	BC		LAMOILLE RIVER, LOWER		P	Y	Y		3	3	2	8	Y	Y	
125	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	B		POULTNEY RIVER/SLCV		P	Y	Y		3	2	3	8	Y	YM	
126			VT	LOWER WINOOSKI RIVER	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	BC		WINOOSKI RIVER, LOWER		P	Y	Y								
127			NY	SALMON RIVER FORT COVINGTON	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S2	C	8	SALMON RIVER FORT COVINGTON		P	Y	Y						Y	N	
128	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	C		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	P	Y	Y		3	1	3	7	N	Y	USFWS, TNC assist
129	Bald Mountain	1	NY	POULTNEY RIVER	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S2	B	58	SOUTHERN LAKE CHAMPLAIN VALLEY		P	Y	Y		3	2	3	8	Y	YM	
801			VT	MISSISQUOI RIVER-ROUTE 7 BRIDGE	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	D		MISSISQUOI RIVER MACROSITE		P	N	N								
130			VT	MISSISQUOI RIVER-HIGHGATE FALLS	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S1	C		MISSISQUOI RIVER MACROSITE		P	Y	Y								
802	Brasher State Forest	1	NY	LITTLE SALMON RIVER BOMBAY	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S2	E	0	LITTLE SALMON RIVER BOMBAY		P	?	N		2	2	2	6	Y	N	State
661			NY	ST REGIS AND DEER RIVERS	AMMOCRYPTA PELLUCIDA		EASTERN SAND DARTER	G3	S2	B				P	Y	Y								
ANIMALS: MAMMALS																								
656			VT	Putnam Ck/Sugar Hill Indiana Bat Maternity Colony			Indiana Bat Maternity Colony Site							STL										
657	(Otter Creek Swamps)	0	VT	Otter Creek Valley Indiana Bat Maternity Colony			Indiana Bat Maternity Colony Site							STL				3	2	2	7	Y	Y	
131			NY	GLEN PARK CAVES	MYOTIS SODALIS		INDIANA BAT	G2	S1	B	1	GLEN PARK CAVE		P	Y	Y		2	1	3	6	N	N	DEC
132			NY	CHEEVER MINE	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	S2	B	1	CHEEVER MINE SITE	ADIRONDACK PARK	P	Y	Y		1	1	3	5	N	N	DEC
803			NY	GLEN PARK CAVES	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	S2	F	1	GLEN PARK CAVE		P	N	N		2	1	3	6	N	N	DEC
133			VT	1867 CAVE	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	S1	C		1867 CAVE		P	Y	Y		1	2	3	6	N	N	
804	Bouquet Mountain	1	NY	SPLIT ROCK MINE	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	S2	D	0	COON MOUNTAIN-SPLIT ROCK MOUNTAIN	ADIRONDACK PARK	P	?	N		2	3	2	7	Y	Y	
805			NY	CALEDONIA MINE #1	MYOTIS LEIBII		EASTERN SMALL-FOOTED MYOTIS	G3	S2	D	0	CALEDONIA MINE #1		P	?	N								
ANIMALS: INVERTEBRATES																								
597			VT	WINOOSKI DELTA	CICINDELA HIRTICOLLIS		BEACH-DUNE TIGER BEETLE	G5	S1	?		WINOOSKI DELTA		P	Y	Y						N	Y	
598			VT	WINOOSKI DELTA	CICINDELA HIRTICOLLIS		BEACH-DUNE TIGER BEETLE	G5	S1	A	3	WINOOSKI DELTA		P	Y	Y						N	Y	
978			VT	LAMOILLE RIVER DELTA	CICINDELA HIRTICOLLIS		BEACH-DUNE TIGER BEETLE	G5	S1			LAMOILLE RIVER DELTA	SANDBAR WMA	P	N	N		3	2	2	7	N	Y	
660	Ausable Delta	2	NY	AUSABLE MARSH BEACH	CICINDELA HIRTICOLLIS		BEACH-DUNE TIGER BEETLE	G5				AUSABLE MARSH BEACH	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P	Y	Y		3	2	2	8	Y	Y	DEC will be a partner

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
556			NY	BLACK RIVER BUSHES LANDING	SIPHLONISCA AERODROMIA		TOMAH MAYFLY	G2	S1	E	0	BLACK RIVER LOWVILLE		P	Y	Y		2	1	2	5	N	N	DEC
557			NY	BLACK RIVER ROUTE 812 BRIDGE	SIPHLONISCA AERODROMIA		TOMAH MAYFLY	G2	S1	E	0	BLACK RIVER LOWVILLE		P	Y	Y		2	1	2	5	N	N	DEC
558			NY	BLACK RIVER RIVER ROAD FARM	SIPHLONISCA AERODROMIA		TOMAH MAYFLY	G2	S1	E	0	BLACK RIVER LOWVILLE		P	Y	Y		2	1	2	5	N	N	DEC
559			NY	BLACK RIVER BEACHES LANDING	SIPHLONISCA AERODROMIA		TOMAH MAYFLY	G2	S1	E	0	BLACK RIVER LOWVILLE		P	Y	Y		2	1	2	5	N	N	DEC
979			NY	LIMERICK CEDARS	EUCHLOE OLYMPIA		OLYMPIA MARBLE	G4G5	S1	B	0	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										
980	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	EUCHLOE OLYMPIA		OLYMPIA MARBLE	G4G5	S1	B	230	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	S										
981			NY	GRASS RIVER CHASE MILLS	GOMPHUS QUADRICOLOR		RAPIDS CLUBTAIL	G3G4	S1S2	E	0	GRASS RIVER BELOW MADRID DAM		P	?	N								
560			NY	PERCH RIVER SWAMP	WILLIAMSONIA FLETCHERI		EBONY BOGHAUNTER	G3G4	S1	C?	0	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P	Y	Y		1	2	2	5	Y	N	
982			VT	MISSISQUOI RIVER-E. HIGHGATE	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E				S										
983			VT	HUNGERFORD BROOK-HIGHGATE FALLS	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E				S										
984			VT	MISSISQUOI RIVER-SWANTON	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E				S										
985	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
986			VT	LOWER MISSISQUOI RIVER-SWANTON	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E		LOWER MISSISQUOI RIVER		S										
987			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	C		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
988			VT	MISSISQUOI RIVER-HIGHGATE/SWANTON	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	B				S										
989			VT	POULTNEY RIVER	ANODONTOIDES FERUSSACIANUS		CYLINDRICAL PAPERSHELL	G5	S1S2	E		POULTNEY RIVER		S				3	2	3	8	Y	Y	
561			NY	RAQUETTE RIVER SUGAR ISLAND	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	S3	B	0	LOWER RAQUETTE RIVER		P	Y	Y						?	?	
562			NY	SAINT REGIS RIVER HOGANSBURG	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	S3	E	0			P	Y	Y						Y	N	
563			NY	SAINT REGIS RIVER HELENA	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	S3	E	0			P	Y	Y						Y	N	
564	St. Lawrence State Forest	2	NY	GRASS RIVER CHAMBERLAIN CORNERS	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	S3	E	0	GRASS RIVER BELOW MADRID DAM		P	Y	Y						Y	N	
565			NY	GRASS RIVER CHASE MILLS	LAMPSILIS CARIOSA		YELLOW LAMPMUSSEL	G3G4	S3	CD	0	GRASS RIVER BELOW MADRID DAM		P	Y	Y						Y	N	
990			VT	LAMOILLE RIVER, LOWER	LAMPSILIS OVATA		POCKETBOOK	G5	S2	E		LAMOILLE RIVER, LOWER		S										
991			VT	LEWIS CREEK-GREENBUSH ROAD	LAMPSILIS OVATA		POCKETBOOK	G5	S2	E				S										
992			VT	OTTER CREEK-VERGENNES DAM	LAMPSILIS OVATA		POCKETBOOK	G5	S2	E		VERGENNES DAM SITE		S				2	3	1	6	N	N	
993	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	LAMPSILIS OVATA		POCKETBOOK	G5	S2	A		POULTNEY RIVER		S				3	2	3	8	Y	YM	
994			VT	WINOOSKI RIVER-DOUGLAS CURVE	LAMPSILIS OVATA		POCKETBOOK	G5	S2	E		WINOOSKI RIVER, LOWER		S								N	N	
995			VT	LOWER MISSISQUOI RIVER-SWANTON DAM	LAMPSILIS OVATA		POCKETBOOK	G5	S2	D		LOWER MISSISQUOI RIVER		S										
996			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	LAMPSILIS OVATA		POCKETBOOK	G5	S2	D		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
997			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	LAMPSILIS OVATA		POCKETBOOK	G5	S2	A		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
998			VT	WINOOSKI RIVER	LAMPSILIS OVATA		POCKETBOOK	G5	S2	E		WINOOSKI RIVER		S								N	N	
999	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	LASMIGONA COSTATA		FLUTEDSHELL	G5	S2	BC		POULTNEY RIVER		S				3	2	3	8	Y	YM	
1000			VT	OTTER CREEK-MIDDLEBURY	LASMIGONA COSTATA		FLUTEDSHELL	G5	S2	E				S				2	2	2	6	N	N	
1001			VT	WINOOSKI RIVER-DOUGLAS CURVE	LASMIGONA COSTATA		FLUTEDSHELL	G5	S2	E		WINOOSKI RIVER, LOWER		S								N	N	
1002			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	LASMIGONA COSTATA		FLUTEDSHELL	G5	S2	E		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
1003			VT	WINOOSKI RIVER	LASMIGONA COSTATA		FLUTEDSHELL	G5	S2	E		WINOOSKI RIVER		S								N	N	
599			VT	OTTER CREEK-VERGENNES DAM	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	E		VERGENNES DAM SITE	OTTER CREEK WMA	P	Y	Y		2	3	1	6	N	N	
1004	Little Otter Creek	1	VT	OTTER CREEK MARSH	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2			OTTER CREEK MARSH		P	N	N		3	3	2	8	N	YM	State lead; TNC support restoration efforts
614	Bald Mountain	1	NY	POULTNEY RIVER	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S3	BC	0	SOUTHERN LAKE CHAMPLAIN VALLEY		P	Y	Y		3	2	3	8	Y	YM	
600	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	BC		POULTNEY RIVER		P	Y	Y		3	2	3	8	Y	YM	
601	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	B		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	P	Y	Y		3	1	3	7	N	Y	USFWS, TNC assist
602			VT	LAMOILLE RIVER, LOWER	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2		1	LAMOILLE RIVER, LOWER	SANDBAR WMA	P	Y	Y		3	3	2	8	Y	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
603			VT	WINOOSKI RIVER, LOWER	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	E		WINOOSKI RIVER, LOWER		P	Y	Y						N	N	
604			VT	WINOOSKI RIVER-DOUGLAS CURVE	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	E		WINOOSKI RIVER, LOWER		P	Y	Y						N	N	
605			VT	WINOOSKI RIVER	LEPTODEA FRAGILIS		FRAGILE PAPERSHELL	G5	S2	E		WINOOSKI RIVER		P	Y	Y						N	N	
1005			VT	OTTER CREEK-VERGENNES DAM	LIGUMIA RECTA		BLACK SANDSHELL	G5	S1	E		VERGENNES DAM SITE	OTTER CREEK WMA	S				2	3	1	6	N	N	
1006	Bald Mountain	1	NY	POULTNEY RIVER	LIGUMIA RECTA		BLACK SANDSHELL	G5	S2S3	E	0	SOUTHERN LAKE CHAMPLAIN VALLEY		S				3	2	3	8	Y	YM	
1007	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	LIGUMIA RECTA		BLACK SANDSHELL	G5	S1	CD	1	POULTNEY RIVER		S				3	2	3	8	Y	YM	
1008			VT	LOWER MISSISQUOI RIVER	LIGUMIA RECTA		BLACK SANDSHELL	G5	S1	E		LOWER MISSISQUOI RIVER		S										
1009			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	LIGUMIA RECTA		BLACK SANDSHELL	G5	S1	D		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
1010			NY	SALMON RIVER SOUTH PLATTSBURGH	MARGARITIFERA MARGARITIFERA		EASTERN PEARLSHELL	G4	S2	A	3		PLATTSBURGH AIR FORCE BASE	S										
1011			VT	WINOOSKI RIVER, LOWER	MARGARITIFERA MARGARITIFERA		EASTERN PEARLSHELL	G4	S2			WINOOSKI RIVER, LOWER		S								N	N	
1012			VT	UPPER LEWIS CREEK	MARGARITIFERA MARGARITIFERA		EASTERN PEARLSHELL	G4	S2	B		UPPER LEWIS CREEK		S										
1013			VT	BALDWIN ROAD CROSSING	MARGARITIFERA MARGARITIFERA		EASTERN PEARLSHELL	G4	S2	B		UPPER LEWIS CREEK		S										
606			VT	OTTER CREEK-VERGENNES DAM	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	E		VERGENNES DAM SITE	OTTER CREEK WMA	P	Y	Y		2	3	1	6	N	N	
1014	Little Otter Creek	1	VT	OTTER CREEK MARSH	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2			OTTER CREEK MARSH		P	N	N		3	3	2	8	N	YM	State lead; TNC support restoration efforts
607			VT	LAMOILLE RIVER, LOWER	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2		1	LAMOILLE RIVER, LOWER		P	Y	Y		3	3	2	8	Y	Y	
613	Bald Mountain	1	NY	POULTNEY RIVER	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2S3	BC	0	SOUTHERN LAKE CHAMPLAIN VALLEY		P	Y	Y		3	2	3	8	Y	YM	
608	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	C	1	POULTNEY RIVER		P	Y	Y		3	2	3	8	Y	YM	
1015	Little Otter Creek	1	VT	LEWIS CREEK MOUTH	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	C		LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	P	N	N		3	3	2	8	N	YM	State lead; TNC support restoration efforts
609			VT	WINOOSKI RIVER, LOWER	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	E		WINOOSKI RIVER, LOWER		P	Y	Y						N	N	
610	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	E		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	P	Y	Y		3	1	3	7	N	Y	USFWS, TNC assist
611			VT	WINOOSKI RIVER-DOUGLAS CURVE	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	E		WINOOSKI RIVER, LOWER		P	Y	Y						N	N	
612			VT	WINOOSKI RIVER	POTAMILUS ALATUS		PINK HEELSPLITTER	G5	S2	E		WINOOSKI RIVER		P	Y	Y						N	N	
1016	Bald Mountain	1	VT	POULTNEY RIVER-BELOW CARVER FALLS DAM	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	CD		POULTNEY RIVER		S				3	2	3	8	Y	YM	
1017	(Missisquoi River Delta)	0	VT	LOWER MISSISQUOI RIVER	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	BC		LOWER MISSISQUOI RIVER	MISSISQUOI NATIONAL WILDLIFE REFUGE	S				3	1	3	7	N	N	USFWS, TNC assist
1018			VT	LAMOILLE RIVER-JEFFERSONVILLE	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E				S										
1019			VT	OTTER CREEK-VERGENNES DAM	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E		VERGENNES DAM SITE	OTTER CREEK WMA	S				2	3	1	6	N	N	
1020			VT	OTTER CREEK-NEW HAVEN	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E				S										
1021	(Mount Independence)	0	VT	SOUTH FORK-EAST CREEK	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E				S				2	3	2	7	Y	Y	
1022			VT	LAMOILLE RIVER, LOWER	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E		LAMOILLE RIVER, LOWER		S										
1023			VT	WINOOSKI RIVER-DOUGLAS CURVE	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E		WINOOSKI RIVER, LOWER		S								N	N	
1024			VT	MISSISQUOI RIVER-BELOW HIGHGATE DAM	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E		MISSISQUOI RIVER-BELOW HIGHGATE DAM		S										
1025			VT	LEMON FAIR RIVER	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3			LEMON FAIR RIVER		S										
1026	Dead Creek	1	VT	DEAD CREEK- MIDDLE BRANCH	PYGANODON GRANDIS		GIANT FLOATER	G5	S2S3	E			DEAD CREEK WMA	S				3	3	2	8	N	YM	State lead, but TNC support restoration efforts
PLANTS																								
1054			VT		ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1					S										
1055			VT	STARR FARM	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1					S										
1056			VT	SUNDERLAND BROOK PITCH PINE SITE	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1			SUNDERLAND BROOK PITCH PINE SITE		S								N	N	
1057			VT	FLYNN ESTATE	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	BC	1	FLYNN ESTATE		S										
1058			VT		ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1					S										
1059			VT	CAMP HOLY CROSS	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	D		CAMP HOLY CROSS		S										
1060			VT	PORTERS POINT SCHOOL	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	D	1	PORTERS POINT SCHOOL		S										
1061			VT	SKYLINE DRIVE SANDPLAIN	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	D		SKYLINE DRIVE SANDPLAIN		S										

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
1062			VT	WEST STREET EXTENSION	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	D		WEST STREET EXTENSION		S										
1063			VT	COLCHESTER AIRPORT SITE	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	C	3	COLCHESTER AIRPORT SITE		S										
1064			VT	CAMP JOHNSON SITE	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	C		CAMP JOHNSON SITE	CAMP JOHNSON MILITARY RESERVATION	S				1	3	2	6	N	Y	DOD
1065			VT	CAMP JOHNSON-TRANSPLANT SITE	ASCLEPIAS AMPLEXICAULIS		CLASPING MILKWEED	G5	S1	I		CAMP JOHNSON SITE		S				1	3	2	6	N	Y	DOD
1101			VT	KNIGHT ISLAND	PETASITES FRIGIDUS VAR PALMATUS		SWEET COLTSFOOT	G5T5	S1	B	1	KNIGHT ISLAND	KNIGHT ISLAND STATE PARK	S										
1102			NY	VALCOUR ISLAND	PETASITES FRIGIDUS VAR PALMATUS		SWEET COLTSFOOT	G5T5	S1	F	0	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	S								Y	Y	
1103			VT	LAKE DUNMORE WOODS	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1				GMNF MIDDLEBURY RANGER DISTRICT	S										
1104			VT	MOUNT MOOSALAMOO	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1				GMNF MIDDLEBURY RANGER DISTRICT	S										
1105			VT	MOUNT FULLER	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1					S										
1106			VT	PROVIDENCE ISLAND	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1	C		PROVIDENCE ISLAND		S										
1107			VT		CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1					S										
1108			VT		CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1					S										
1109	Bald Mountain	1	VT	CEDAR MOUNTAIN-BENSON	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1	C	1	CEDAR MOUNTAIN-BENSON		S				3	2	3	8	Y	YM	
1110			NY	VALCOUR ISLAND	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1S2	A	60	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	S								Y	Y	
1111	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 INDIAN POND NORTH	CYNOGLOSSUM VIRGINIANUM VAR BOREALE		NORTHERN WILD COMFREY	G5T4	S1S2	C	1		FORT DRUM MILITARY RESERVATION	S				3	1	3	7	Y	YM	Dept. of Defense
1112			VT	MALLETTS CREEK MARSH	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1			MALLETTS CREEK MARSH	EAST CREEK WMA	S										
1113	(Mount Independence)	0	VT	EAST CREEK MARSH	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1	D		EAST CREEK		S				2	3	2	7	Y	Y	
1114	Black/Indian River Lakes	1	NY	BLACK LAKE MILE ARM BAY	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S2	E	0			S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
1115			VT	LITTLE OTTER CREEK	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1			LITTLE OTTER/LEWIS CREEK MARSH		S										
1116	Black/Indian River Lakes	1	NY	BLACK LAKE	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S2	F	0			S				3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
1117			VT	CATFISH BAY	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1	B	3	MOUNT INDEPENDENCE		S										
1118	Little Otter Creek	1	VT		ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1					S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
1119			VT	RICHVILLE RESERVOIR/LEMON FAIR RIVER	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1	B	20		RICHVILLE WMA	S										
1120			VT	BURYING YARD POINT	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S1	A	2	BURYING YARD POINT		S										
1121			NY	BULWAGGA BAY	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S2	F	0	BULWAGGA BAY	ADIRONDACK PARK	S										
1122			NY	LITTLE RIVER CANTON	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S2	C	1			S										
1123			NY	FORT DRUM TRAINING AREA 17	ARMORACIA LACUSTRIS		LAKE-CRESS	G4?	S2	AB	1		FORT DRUM MILITARY RESERVATION	S										
1124			VT	SUNSET ISLAND	DESCURAINIA PINNATA		PINNATE TANSY-MUSTARD	G5	S1		1	SUNSET ISLAND		S										
1125	(Missisquoi River Delta)	0	VT	HOG ISLAND POINT	DESCURAINIA PINNATA		PINNATE TANSY-MUSTARD	G5	S1					S				3	1	3	7	N	Y	USFWS, TNC assist
1126			VT	MARBLE ISLAND	DESCURAINIA PINNATA		PINNATE TANSY-MUSTARD	G5	S1	A	1	MARBLE ISLAND		S										
1127			VT	COLCHESTER AIRPORT SITE (AIRPORT PARK)	HUDSONIA TOMENTOSA		SAND-HEATHER	G5	S1	B	3	COLCHESTER AIRPORT SITE		S										
1128			VT	COLCHESTER BOG	HUDSONIA TOMENTOSA		SAND-HEATHER	G5	S1	C		COLCHESTER BOG		S				1	1	3	5	N	N	
1129			VT	ROSETTI BEACH	HUDSONIA TOMENTOSA		SAND-HEATHER	G5	S1	D		ROSETTI BEACH		S										
1130			VT	SOUTH HERO DUNES	HUDSONIA TOMENTOSA		SAND-HEATHER	G5	S1	A	3	SOUTH HERO DUNES		S				N	N	N	N	N	N	
1131			VT	SUNDERLAND BROOK PITCH PINE SITE	LESPEDEZA HIRTA		HAIRY BUSH-CLOVER	G5	S1			SUNDERLAND BROOK PITCH PINE SITE		S								N	N	
1132			VT	BURNT MOUNTAIN	LESPEDEZA HIRTA		HAIRY BUSH-CLOVER	G5	S1	A	1	BURNT MOUNTAIN	GMNF MIDDLEBURY RANGER DISTRICT	S				2	2	3	7	N	Y	
1133			VT	CAMP HOLY CROSS	LUPINUS PERENNIS		SUNDIAL LUPINE	G5	S1	C	1	CAMP HOLY CROSS		S										
1134			VT	LOWER WINOOSKI BLUFFS	LUPINUS PERENNIS		SUNDIAL LUPINE	G5	S1	C-	120	WINOOSKI DELTA		S										
1135			VT	PORTER'S POINT SCHOOL	LUPINUS PERENNIS		SUNDIAL LUPINE	G5	S1	B	2			S										
1136			NY	LIMERICK CEDARS	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	E	0	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										
1137			VT	MALLETTS HEAD	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	B		MALLETTS HEAD		S										
1138			NY	LIMERICK CEDARS	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	C	2	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
1139	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	E	15	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	S										
1140			VT	MARBLE ISLAND	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	B-	1	MARBLE ISLAND		S										
1141			NY	PORT HENRY RAILROAD	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	CD	1	PORT HENRY RAILROAD SITE	ADIRONDACK PARK	S										
1142	Little Otter Creek	1	VT	GROSSE POINT	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	CD		GROSSE POINT		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
1143			VT	EAGLE MOUNTAIN	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	CD		EAGLE MOUNTAIN		S										
1144			VT	LONE ROCK POINT	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2					S										
1145			NY	VALCOUR ISLAND	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	C	1	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	S								Y	Y	
1146			VT	THOMPSON'S POINT	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2			THOMPSON'S POINT		S										
1147			NY	BLUFF POINT	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	A	3	BLUFF POINT		S										
1148			NY	PORT HENRY RAILROAD	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	C	1	PORT HENRY RAILROAD SITE	ADIRONDACK PARK	S										
1149	Little Otter Creek	1	VT	LONG POINT	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	BC		LONG POINT		S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
1150	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	CORYDALIS AUREA		GOLDEN CORYDALIS	G5	S2	B	5	LUCKY STAR ALVAR		S										
1168	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 MUD LAKE	HIPPURIS VULGARIS		COMMON MARE'S-TAIL	G5	S1	B?	1	FORT DRUM MUD LAKE	FORT DRUM MILITARY RESERVATION	S				3	1	3	7	Y	YM	Dept. of Defense
1218	(Mount Independence)	0	VT	MOUNT INDEPENDENCE	LUDWIGIA POLYCARPA		MANY-FRUIT FALSE-LOOSESTRIFE	G4	S1	C		MOUNT INDEPENDENCE		S				3	2	3	8	N	Y	
566	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	POLEMONIUM VANBRUNTIAE		JACOB'S LADDER	G3	S2	C		CORNWALL SWAMP	CORNWALL SWAMP WMA	P	Y	Y		3	2	2	7	Y	Y	
567	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	POLEMONIUM VANBRUNTIAE		JACOB'S LADDER	G3	S2	B	1	SALISBURY SWAMP		P	Y	Y		3	2	2	7	Y	Y	
1219			NY	VALCOUR ISLAND	LITTORELLA UNIFLORA		AMERICAN SHORE-GRASS	G5	S1	F	0	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	S								Y	Y	
1220			NY	FORT MONTGOMERY SWAMP	LITTORELLA UNIFLORA		AMERICAN SHORE-GRASS	G5	S1	B	1			S										
1221			VT	KELLY BAY	LITTORELLA UNIFLORA		AMERICAN SHORE-GRASS	G5	S2		2	KELLY BAY	KELLY BAY AA	S										
1222			VT	WINOOSKI FALLS	ANEMONE MULTIFIDA		HUDSON BAY ANEMONE	G5	S1	B		WINOOSKI FALLS		S										
1223			NY	BROWNVILLE	ANEMONE MULTIFIDA		HUDSON BAY ANEMONE	G5	SX	F	0			S										
1224			VT	TWIN BRIDGES	ANEMONE MULTIFIDA		HUDSON BAY ANEMONE	G5	S1					S										
1225			VT	PARTRIDGE WOODS	HYDRASTIS CANADENSIS		GOLDEN-SEAL	G4	S1	A	1	PARTRIDGE WOODS		S										
1226			VT	OTTER CREEK GORGE LAND TRUST SITE	HYDRASTIS CANADENSIS		GOLDEN-SEAL	G4	S1	C	1	OTTER CREEK GORGE	OTTER CREEK GORGE PRESERVE	S										
1227			VT	LAKE VIEW TERRACE BLUFF	CEANOTHUS HERBACEUS		PRAIRIE REDROOT	G5	S1	D		LAKE VIEW TERRACE BLUFF		S										
1228	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	CEANOTHUS HERBACEUS		PRAIRIE REDROOT	G5	S1	A	1	THREE MILE CREEK ROAD BARRENS		S										
1229	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CEANOTHUS HERBACEUS		PRAIRIE REDROOT	G5	S1	B	0.5	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	S										
1230	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CASTILLEJA COCCINEA		SCARLET INDIAN-PAINTBRUSH	G5	S1	A	4	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	S										
1231	Brasher State Forest	1	NY	MCCARTHY TRUCK TRAIL	CASTILLEJA COCCINEA		SCARLET INDIAN-PAINTBRUSH	G5	S1	E	1			S				2	2	2	6	Y	N	State
1232	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	CASTILLEJA COCCINEA		SCARLET INDIAN-PAINTBRUSH	G5	S1	B	10	LUCKY STAR ALVAR		S										
1243	Fort Drum	1	NY	BONAPARTE SWAMP	VALERIANA ULIGINOSA		MARSH VALERIAN	G4Q	S1S2	A	270	BONAPARTE SWAMP	BONAPARTE SWAMP PRESERVE	S				3	1	3	7	Y	YM	Dept. of Defense
1244	(Mount Independence)	0	VT	MOUNT INDEPENDENCE	VIOLA PALMATA		PALMATE-LEAVED VIOLET	G5	S1	A	20	MOUNT INDEPENDENCE		S				3	2	3	8	N	Y	
1245			VT	LITTLE OTTER CREEK FALLS	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	C	1			S										
1246			VT	PERCH POINT	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	D	1			S										
1247			VT	LAPLATTE RIVER EDGE	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	C	1			S										
1248			VT	ABNAKI SWAMP	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	E	1	ABNAKI SWAMP		S										
1249			VT	CHIPMAN HILL	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	E		CHIPMAN HILL		S										
1250	Snake Mountain	2	VT	SNAKE MOUNTAIN	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	C		SNAKE MOUNTAIN		S				3	2	2	7	N	N	
1251			VT	BOW ARROW POINT	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	E		BOW ARROW POINT	BOW AND ARROW POINT	S										
1252			VT	THE PINNACLE	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	C	1			S										
1253	(Mount Independence)	0	VT	WHITE LEDGE	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	BC		WHITE LEDGE		S										
1254			VT	HAZEN POINT	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	A		HAZEN POINT		S										
1255	Bald Mountain	1	VT	CEDAR MOUNTAIN-BENSON	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	E		CEDAR MOUNTAIN-BENSON		S				3	2	3	8	Y	YM	
1256			NY	VALCOUR ISLAND	CAREX FORMOSA		HANDSOME SEDGE	G4	S2S3	AB	1	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	S								Y	Y	
1257			NY	COOKS MOUNTAIN	CAREX FORMOSA		HANDSOME SEDGE	G4	S2S3	BC	1	COOKS MOUNTAIN	ADIRONDACK PARK	S										
1258			VT	MOUNT INDEPENDENCE	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	CD		MOUNT INDEPENDENCE		S				3	2	3	8	N	Y	
1259	(Mount Independence)	0	VT	SIGNAL LIGHT BAY WOODS	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	B		SIGNAL LIGHT BAY WOODS		S										
1260			VT	DOG SWAMP	CAREX FORMOSA		HANDSOME SEDGE	G4	S3	D	28	DOG SWAMP		S										
1261			VT	LAPLATTE RIVER MARSH	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	D		LAPLATTE RIVER MARSH		S										

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
1262			NY	BULWAGGA BAY WETLANDS	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	BC	1	BULWAGGA BAY	ADIRONDACK PARK	S										
1263			VT	BLUFF POINT WETLANDS	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	E		LITTLE BLUFF POINT		S										
1264			VT	WOODS ISLAND	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	O	1	WOODS ISLAND	WOODS ISLAND SP	S										
1265			VT	MALLETTS CREEK MARSH	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	D		MALLETTS CREEK MARSH		S										
1269	Little Otter Creek	1	VT	LITTLE OTTER CREEK MARSH	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	?		LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	S				3	3	2	8	N	YM	State lead; TNC support restoration efforts
1271			VT	KEELER BAY	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	E			SOUTH HERO MARSH WMA	S										
1272	Bald Mountain	1	VT	DROWNED LANDS	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G3G4	S2	O	tons	DROWNED LANDS		S				3	2	3	8	Y	YM	
1273	(Mount Independence)	0	VT	EAST CREEK MARSH	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	B?		EAST CREEK		S				2	3	2	7	Y	Y	
1274			VT	BROWNS BAY	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	C				S										
1275			VT	MOUNT INDEPENDENCE	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	E?		MOUNT INDEPENDENCE		S				3	2	3	8	N	Y	
1276			VT	SHORE SWAMP	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	E		SHORE SWAMP		S										
1277			VT	CARRY BAY POINT	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2	C		CARRY BAY POINT		S										
1278	Bald Mountain	1	NY	FINCH MARSH	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G3G4	S3	C	3	SOUTHERN LAKE CHAMPLAIN VALLEY	EAST BAY WILDLIFE MANAGEMENT AREA	S				3	2	3	8	Y	YM	
1279			NY	FORT MONTGOMERY SWAMP	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	D	1	FORT MONTGOMERY SWAMP		S										
1280			NY	POINT AU ROCHE SWAMP	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	AB	5	MONTY BAY		S										
1281			NY	WOODRUFF POND AND SWAMP	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	CD	1	CUMBERLAND BAY WETLANDS/PLATTSBURGH BEACH	CUMBERLAND BAY STATE PARK	S										
1282			NY	KINGS BAY WETLANDS	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	D	0.001	KINGS BAY	KINGS BAY WILDLIFE MANAGEMENT AREA	S										
1283	Lake Alice/Altona	1	NY	THE VLY	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	C	1	THE VLY		S				3	2	3	8	Y	Y	
1284	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	D	1	FORT DRUM TRAINING AREA 19 BEAVER PONDS	FORT DRUM MILITARY RESERVATION	S				3	1	3	7	Y	YM	Dept. of Defense
1285			NY	LIMERICK CEDARS	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	E	0	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										
1286			NY	LACHUTE RIVER DELTA	CAREX LUPULIFORMIS		FALSE HOP SEDGE	G4	S2S3	B	1	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	S										
1287			VT	DAR PARK BLUFFS	CAREX MOLESTA		TROUBLESOME SEDGE	G4	S1	E	1	DAR PARK BLUFFS	DAR STATE PARK	S										
1288	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CAREX MOLESTA		TROUBLESOME SEDGE	G4	S2	A	25	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	S										
1289			NY	LIMERICK CEDARS	CAREX MOLESTA		TROUBLESOME SEDGE	G4	S2	E	0	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	S										
1290	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	CAREX MOLESTA		TROUBLESOME SEDGE	G4	S2	AB	1716	LUCKY STAR ALVAR		S										
1291	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	CAREX MOLESTA		TROUBLESOME SEDGE	G4	S2	AB	96	THREE MILE CREEK ROAD BARRENS		S										
1292	(Lisbon Swamp)	0	NY	BRANDY CREEK SWAMP	CAREX SARTWELLII		SARTWELL'S SEDGE	G4G5	S1S2	E	1	BRANDY BROOK SWAMP		S										
1293	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	CAREX TENUIFLORA		SPARSE-FLOWERED SEDGE	G5	S1	E	2	CORNWALL SWAMP	CORNWALL SWAMP WMA	S				3	2	2	7	Y	Y	
1294	Fort Drum	1	NY	BONAPARTE SWAMP	CAREX TENUIFLORA		SPARSE-FLOWERED SEDGE	G5	S1	B?	45	BONAPARTE SWAMP	BONAPARTE SWAMP PRESERVE	S				3	1	3	7	Y	YM	Dept. of Defense
1295	(Otter Creek Swamps)	0	VT	LEICESTER JUNCTION SWAMP	CAREX TENUIFLORA		SPARSE-FLOWERED SEDGE	G5	S1	B	1	LEICESTER JUNCTION SWAMP	BRANDON SWAMP WMA	S				3	2	2	7	Y	Y	
1296	Hogback Mountains	1	VT	POND BROOK CEDARS	CAREX TENUIFLORA		SPARSE-FLOWERED SEDGE	G5	S1	B+	10	POND BROOK CEDARS SITE		S				2	2	2	6	N	YM	Cons Commission, Bristol
1297	Hogback Mountains	1	VT	BRISTOL POND BOG	CAREX TENUIFLORA		SPARSE-FLOWERED SEDGE	G5	S1			BRISTOL POND BOG		S				2	2	2	6	N	YM	Cons Commission, Bristol
1298			NY	BOUQUET RIVER MOUTH SOUTH	LIPOCARPHA MICRANTHA		DWARF BULRUSH	G4	S1	C	1			S										
568			VT	BUTTON POINT	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	C		BUTTON POINT NATURAL AREA SITE	BUTTON BAY STATE PARK	P	Y	Y		1	2	2	5	N	N	
569			NY	VALCOUR ISLAND	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	A	50	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P	Y	Y						Y	Y	
570			NY	WESTPORT HILL	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	C	0	WESTPORT HILL	ADIRONDACK PARK	P	Y	Y						?	?	
1314	Ausable Delta	2	NY	DOUGLAS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	D	1			P	?	N								
1315	Fort Drum	1	NY	BONAPARTE SWAMP	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	D	1	BONAPARTE SWAMP	BONAPARTE SWAMP PRESERVE	P	?	N		3	1	3	7	Y	YM	Dept. of Defense
1316	Ausable Delta	2	NY	HIGHLANDS FORGE LAKE	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	D	1	HIGHLANDS FORGE LAKE	ADIRONDACK PARK	P	?	N								
571	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	B		CORNWALL SWAMP	CORNWALL SWAMP WMA	P	Y	Y		3	2	2	7	Y	Y	
1317	Ausable Delta	2	NY	TREMBLEAU MOUNTAIN	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	D	0	MT TREMBLEAU	ADIRONDACK PARK	P	?	N								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
572	(Otter Creek Swamps)	0	VT	LEICESTER JUNCTION SWAMP	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	C	1	LEICESTER JUNCTION SWAMP		P	Y	Y		3	2	2	7	Y	Y	
1318	Hogback Mountains	1	VT	POND BROOK CEDARS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	D	1	POND BROOK CEDARS SITE		P	N	N		2	2	2	6	N	YM	Cons Commission, Bristol
573	Ausable Delta	2	NY	HIGHLANDS FORGE LAKE	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	C	1	HIGHLANDS FORGE LAKE	ADIRONDACK PARK	P	Y	Y								
574	Little Otter Creek	1	VT	HURLBUT TRACT	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	A	10	KINGSLAND BAY	KINGSLAND BAY STATE PARK	P	Y	Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
575			VT	RED ROCKS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	C		RED ROCKS		P	Y	Y						N	N	
576			NY	JONES POINT WILLSBORO	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	B	1	JONES POINT WILLSBORO	ADIRONDACK PARK	P	Y	Y						Y	Y	Done
1319			NY	BLUFF POINT	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	D	0	BLUFF POINT		P	?	N								
577			NY	LIMERICK CEDARS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	B	5	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	P	Y	Y								
578	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	B	1	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	P	Y	Y		3	2	3	8	Y	Y	
579			NY	BURNT ROCK BARRENS	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2	A	13	BURNT ROCK BARRENS		P	Y	Y								
580	Little Otter Creek	1	VT	GROSSE POINT	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	A		GROSSE POINT		P	Y	Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
581			VT	FELTON HILL SWAMP	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	C		FELTON HILL SWAMP		P	Y	Y		3	2	2	7	Y	Y	
1320			VT	EAGLE MOUNTAIN	CYPRIPEDIUM ARIETINUM		RAM'S-HEAD LADY'S-SLIPPER	G3	S2S3	D		EAGLE MOUNTAIN		P	N	N		3	1	3	7	N	Y	Lake Champlain Land Trust
1321	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	LIPARIS LILIIFOLIA		LARGE TWAYBLADE	G5	S1	A		CORNWALL SWAMP	CORNWALL SWAMP WMA	S				3	2	2	7	Y	Y	
1322	(Otter Creek Swamps)	0	VT	BRANDON SWAMP	LIPARIS LILIIFOLIA		LARGE TWAYBLADE	G5	S1	B		BRANDON SWAMP		S				3	2	2	7	Y	Y	
582			NY	AUSABLE DELTA	AMMOPHILA CHAMPLAINENSIS		LAKE CHAMPLAIN BEACHGRASS	G1Q	S1	A	10	AUSABLE DELTA	ADIRONDACK PARK	P	Y	Y								
583			VT	NORTH BEACH	AMMOPHILA CHAMPLAINENSIS		LAKE CHAMPLAIN BEACHGRASS	G1Q	S1	C		NORTH BEACH		P	Y	Y		1	3	2	6	N	N	LCLT
584			NY	PLATTSBURGH MUNICIPAL BEACH	AMMOPHILA CHAMPLAINENSIS		LAKE CHAMPLAIN BEACHGRASS	G1Q	S1	A	1	CUMBERLAND BAY WETLANDS/PLATTSBURGH BEACH		P	Y	Y						Y	N	
585			VT	SOUTH ALBURG SAND BEACH	AMMOPHILA CHAMPLAINENSIS		LAKE CHAMPLAIN BEACHGRASS	G1Q	S1	A	1	SOUTH ALBURG SAND BEACH		P	Y	Y						N	Y	
1323	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	BOUTELOUA CURTIPENDULA		SIDE-OATS GRAMA	G5	S1	B	5	THREE MILE CREEK ROAD BARRENS		S										
1324			VT	BUTTON POINT	SPOROBOLUS ASPER		LONGLEAF DROPSEED	G5	S1	BC	1	BUTTON POINT NATURAL AREA SITE	BUTTON BAY STATE PARK	S				1	2	2	5	N	N	
1325			VT	THOMPSON'S POINT	SPOROBOLUS ASPER		LONGLEAF DROPSEED	G5	S1			THOMPSON'S POINT		S										
1326			VT	MALLETTS BAY NORTH SHORE HEADLANDS	SPOROBOLUS ASPER		LONGLEAF DROPSEED	G5	S1	A		MALLETTS BAY NORTH SHORE HEADLANDS		S										
586			NY	COOKS MOUNTAIN	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S2	B	1	COOKS MOUNTAIN	ADIRONDACK PARK	P	Y	Y		1	1	3	5	Y	N	DONE
587			VT	BURNELL POND MARSH	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S3	E	1	BURNELL POND MARSH		P	Y	Y		1	2	2	5	N	N	
588	Fort Drum	1	NY	FORT DRUM TRAINING AREA 14	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S2	C	2	FORT DRUM TRAINING AREA 14	FORT DRUM MILITARY RESERVATION	P	Y	Y		3	1	3	7	Y	YM	Dept. of Defense
589			NY	FORT DRUM TRAINING AREA 8 WEST BRANCH BEAVER POND	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S2	AB	1	FORT DRUM WETLAND	FORT DRUM MILITARY RESERVATION	P	Y	Y								
590	Bald Mountain	1	VT	ROOT POND	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S3	A		SHAW MOUNTAIN		P	Y	Y		3	2	3	8	Y	YM	
591			VT	ROUND POND-MILTON	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S3	A		ROUND POND-MILTON		P	Y	Y						Y	Y	
592			VT	LONG POND-MILTON	POTAMOGETON HILLII		HILL'S PONDWEED	G3	S3	A		LONG POND-MILTON		P	Y	Y		3	2	2	7	Y	Y	
1327			NY	BULWAGGA BAY WETLANDS	POTAMOGETON STRICTIFOLIUS		STRAIGHT-LEAF PONDWEED	G5	S1	C	1	BULWAGGA BAY	ADIRONDACK PARK	S										
1328			VT	CEDAR LAKE-MONKTON	POTAMOGETON STRICTIFOLIUS		STRAIGHT-LEAF PONDWEED	G5	S2			CEDAR LAKE-MONKTON		S										
1329	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	BOTRYCHIUM RUGULOSUM		RUGULOSE GRAPE-FERN	G3	S1	F	1	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P	?	N								
593			NY	CLARKSON WOODS	BOTRYCHIUM RUGULOSUM		RUGULOSE GRAPE-FERN	G3	S1	CD	1			P	Y	Y		1	?	?	?	?	?	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
1330			NY	ALDER CREEK STATION	LYGODIUM PALMATUM		CLIMBING FERN	G4	S1	C	1			S										
TERRESTRIAL COMMUNITIES (PLUS 9 LAKE EOS)																								
Lacustrine																								
134			VT	SHELBURNE POND	MARL POND	WINTER STRATIFIED MONOMICTIC LAKE				B	1000	SHELBURNE POND		P		Y						Y	Y	
135	Bald Mountain	1	VT	ROOT POND AND MARSHES	HARD WATER LAKE/POND	MARL POND				A?		SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		Y		3	2	3	8	Y	YM	
136			NY	CHIPPEWA BAY	GREAT LAKES AQUATIC BED	GREAT LAKES AQUATIC BED	GREAT LAKES AQUATIC BED	G4	S3	AB	2300	CHIPPEWA BAY MARSH		P		Y		2	2	2	6	Y	Y	With Thousand Islands Trust
137			NY	KINGS BAY	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	G4	S3S4	A	1500	KINGS BAY		P		Y						N	N	DEC
138			NY	VALCOUR ISLAND	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	G4	S3S4	B	20	VALCOUR ISLAND	ADIRONDACK PARK	P		Y						Y	Y	
139			NY	AUSABLE DELTA	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	G4	S3S4	AB	190	AUSABLE DELTA	ADIRONDACK PARK	P		Y								
140			NY	POINT AU ROCHE SWAMP	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	MESOTROPHIC DIMICTIC LAKE	G4	S3S4	B	70	MONTY BAY		P		Y						N	N	Parks
141			NY	LAKE CHAMPLAIN	SUMMER-STRATIFIED MONOMICTIC LAKE	SUMMER-STRATIFIED MONOMICTIC LAKE	SUMMER-STRATIFIED MONOMICTIC LAKE	G3G4	S2S3	B	41750		ADIRONDACK PARK	P		Y						Y	Y	
142			NY	PERCH LAKE	WINTER-STRATIFIED MONOMICTIC LAKE	WINTER-STRATIFIED MONOMICTIC LAKE	WINTER-STRATIFIED MONOMICTIC LAKE	G3G4	S2?	B	550	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y						Y	N	
Palustrine																								
143			VT	FRANKLIN BOG	ACID BOG	DWARF SHRUB BOG			S2	A	150	FRANKLIN BOG	FRANKLIN BOG NATURAL AREA	P		Y								
144			VT	COLCHESTER BOG	ACID BOG	DWARF SHRUB BOG			S2	B	100	COLCHESTER BOG		P		Y		1	1	3	5	N	N	
836	Snake Mountain	2	VT	SNAKE MOUNTAIN	ACID BOG	DWARF SHRUB BOG			S2	C	2	SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	P		N		3	2	2	7	N	N	
145			VT	SHELBURNE POND	ACID BOG	DWARF SHRUB BOG			S2	A	20	SHELBURNE POND		P		Y						Y	Y	
615	(Missisquoi River Delta)	0	VT	MAQUAM BOG	ACID BOG	DWARF SHRUB BOG			S2			MAQUAM BOG	MISSISQUOI NATIONAL WILDLIFE REFUGE	P		Y		3	1	3	7	N	Y	USFWS, TNC assist
837			VT	OTTER BOG	ACID BOG	DWARF SHRUB BOG			S2	E	10		ETHAN ALLEN FIRING RANGE	P		N								
838	Stewart Hill	1	VT	MOUNTAINVIEW BOG	ACID BOG	DWARF SHRUB BOG			S2	E	25	MOUNTAINVIEW BOG		P		N		2	2	2	6	Y	YM	
839			VT	FAIRFIELD SWAMP	ACID BOG	DWARF SHRUB BOG			S2	B	2	FAIRFIELD SWAMP	FAIRFIELD SWAMP-FAIRFIELD WMA	P		N		2	2	2	6	N	Y	
146			VT	SOUTH ALBURG SWAMP	ACID BOG	DWARF SHRUB BOG			S2	B	2	SOUTH ALBURG SWAMP		P		Y						N	Y	
840			VT	BLUEBERRY MARSH	ACID BOG	DWARF SHRUB BOG			S2	B	2	BLUEBERRY MARSH		P		N								
147			VT	LAKE CARMI BOG	BLACK SPRUCE BOG	BLACK SPRUCE WOODLAND BOG			S2	A	100	LAKE CARMI BOG	LAKE CARMI STATE PARK	P		Y		3	2	3	8	N	N	
148	(Missisquoi River Delta)	0	VT	MAQUAM BOG	PITCH PINE BOG	PITCH PINE WOODLAND BOG			S1	A+		MAQUAM BOG	MISSISQUOI NATIONAL WILDLIFE REFUGE	P		Y		3	1	3	7	N	Y	USFWS, TNC assist
149			VT	CRANBERRY SWAMP	POOR FEN	POOR FEN			S2	C	20	CRANBERRY SWAMP	POND WOODS WMA	P		Y		1	2	3	6	N	N	
150			VT	SCANLON BOG	POOR FEN	POOR FEN			S2	A		SCANLON BOG	SCANLON BOG TNC PRESERVE	P		Y						Y	N	DONE
841			VT	LITTLE POND BOG	POOR FEN	POOR FEN			S2	C	23	LITTLE POND-FRANKLIN		P		N								
842			VT	POND WOODS WMA	POOR FEN	POOR FEN			S2	C	1	POND WOODS WMA	POND WOODS WMA	P		N								
843			VT	WINOOSKI FALLS	CALCAREOUS RIVERSIDE SEEP COMMUNITY	CALCAREOUS RIVERSIDE SEEP		G3	S1	E	1	WINOOSKI FALLS		P		N								
844			VT	LAKE IROQUOIS SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	C	15	LAKE IROQUOIS		P		N								
845			VT	MOUNT CALVARY SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK GUM SWAMP			S4	D	20	MOUNT CALVARY SWAMP		P		N								
846			VT	SOUTHEAST HILL SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	C	15	SOUTHEAST HILL SWAMP		P		N								
151			VT	TOWNE SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	300	TOWNE SWAMP		P		Y						Y	Y	
847			VT	LOST NATION SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	C		LOST NATION SWAMP		P		N								
152			VT	EAST CHARLOTTE SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	B	85 acres			P		Y		1	2	2	5	N	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
153			VT	MUD CREEK MARSH	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	500	MUD CREEK MARSH	MUD CREEK WMA	P		Y		3	2	2	7	N	Y	
154			VT	SOUTH ALBURG SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	200	SOUTH ALBURG SWAMP		P		Y						N	Y	
848			VT	WETLAND WEST OF HYDE POINT	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	C	15	HYDE POINT WETLAND		P		N								
155			VT	PEARL SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B	200	PEARL SWAMP		P		Y		1	2	2	5	N	Y	
156			VT	GRAND TRUNK SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B		GRAND TRUNK SWAMP		P		Y		1	2	2	5	N	N	
157	(Otter Creek Swamps)	0	VT	WHITING SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	325	CORNWALL SWAMP	CORNWALL SWAMP WMA	P		Y		3	2	2	7	Y	Y	
158			VT	HINESBURG GREEN ASH SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B	50	HINESBURG GREEN ASH SWAMP		P		Y		1	2	2	5	N	N	
849			VT	TOWN GARAGE SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B		TOWN GARAGE SWAMP		P		N								
850			VT	WEST SHORE ROAD SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B	28	WEST SHORE ROAD SWAMP		P		N								
851			VT	SPLIT SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	C	20	SPLIT SWAMP		P		N								
159			VT	HOLIDAY POINT SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	A	130	HOLIDAY POINT SWAMP		P		Y		2	2	2	6	N	Y	
852			VT	SUNSET VIEW SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B	15	SUNSET VIEW SWAMP		P		N								
853			VT	STATION ROAD SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	C	25	STATION ROAD SWAMP		P		N								
160			VT	NORTH HERO STATE PARK SITE	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	B	40	NORTH HERO STATE PARK SITE	NORTH HERO STATE PARK	P		Y		2	2	2	6	N	N	
161			VT	MALLETTS CREEK MARSH	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4			MALLETTS CREEK MARSH		P		Y		1	2	2	5	N	N	
162	Georgia Mountain	2	VT	HIDDEN SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	B	22	HIDDEN SWAMP		P		Y		1	3	2	6	N	N	
163			VT	MIDDLEBURY SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A		MIDDLEBURY SWAMP		P		Y		2	2	2	6	N	N	
164	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	A	500-600	SALISBURY SWAMP		P		Y		3	2	2	7	Y	Y	
165	(Otter Creek Swamps)	0	VT	BRANDON SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	800	BRANDON SWAMP		P		Y		3	2	2	7	Y	Y	
166	(Otter Creek Swamps)	0	VT	LEICESTER JUNCTION SWAMP	RED MAPLE-BLACK ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S4	AB	100-200	LEICESTER JUNCTION SWAMP		P		Y		3	2	2	7	Y	Y	
167	(Otter Creek Swamps)	0	VT	LONG SWAMP	RED MAPLE-BLACK ASH SWAMP	RED MAPLE-BLACK ASH SWAMP			S4	A	700	LONG SWAMP		P		Y		3	2	2	7	Y	Y	
168	(Otter Creek Swamps)	0	VT	LEICESTER JUNCTION SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	B	250	LEICESTER JUNCTION SWAMP	BRANDON SWAMP WMA	P		Y		3	2	2	7	Y	Y	
169	(Otter Creek Swamps)	0	VT	BRANDON SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	A	200	BRANDON SWAMP		P		Y		3	2	2	7	Y	Y	
170	(Otter Creek Swamps)	0	VT	LONG SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	1000	LONG SWAMP		P		Y		3	2	2	7	Y	Y	
171	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	A+	2000	CORNWALL SWAMP	CORNWALL SWAMP WMA	P		Y		3	2	2	7	Y	Y	
172	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	A/B	100-200	SALISBURY SWAMP		P		Y		3	2	2	7	Y	Y	
854			VT	HINESBURG LIMY COBBLES AND WETLAND	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	22	HINESBURG LIMY COBBLE AND WETLANDS		P		N		1	1	2	4	N	N	
173			VT	LAKE CARMI BOG	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C		LAKE CARMI BOG	LAKE CARMI STATE PARK	P		Y		3	2	3	8	N	N	
855			VT	WEST SHELDON CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	10	WEST SHELDON CEDAR SWAMP		P		N								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
174			VT	SMALLEY SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	80-90	SMALLEY SWAMP		P		Y						N	N	
175			VT	SOUTH ALBURG SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	30-40	SOUTH ALBURG SWAMP		P		Y						N	Y	
176			VT	TOWNE SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	A	300-400	TOWNE SWAMP		P		Y						Y	Y	
177			VT	MUD CREEK MARSH	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	E		MUD CREEK MARSH	MUD CREEK WMA	P		Y		3	2	2	7	N	Y	
178			VT	FAIRFIELD SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	B	80	FAIRFIELD SWAMP	FAIRFIELD SWAMP-FAIRFIELD WMA	P		Y		2	2	2	6	N	Y	
856			VT	TOWN HILL SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP	RED MAPLE-NORTHERN WHITE CEDAR SWAMP		G3?	S3	C	50	TOWN HILL SWAMP		P		N								
179			VT	GREEN POINT SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S2	B	80			P		Y		1	2	1	4	N	N	
180	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S2	B		SALISBURY SWAMP		P		Y		3	2	2	7	Y	Y	
181	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP	RED OR SILVER MAPLE-GREEN ASH SWAMP			S2	A		CORNWALL SWAMP	CORNWALL SWAMP WMA	P		Y		3	2	2	7	Y	Y	
616			VT	SOUTH ALBURG SWAMP	RED MAPLE-WHITE PINE-HUCKBERRY SWAMP									P		Y						N	Y	
617	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	RED MAPLE-WHITE PINE-HUCKBERRY SWAMP									P		Y		3	2	2	7	Y	Y	
182	Hogback Mountains	1	VT	POND BROOK CEDARS	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	B	25	POND BROOK CEDARS SITE		P		Y		2	2	2	6	N	YM	Cons Commission, Bristol
183			VT	FELTON HILL SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	AB	40	FELTON HILL SWAMP		P		Y		3	2	2	7	Y	Y	
184	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	B	600	SALISBURY SWAMP		P		Y		3	2	2	7	Y	Y	
185			VT	MORSES LINE SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	A	100	MORSES LINE SWAMP		P		Y		3	2	2	7	Y	Y	
186	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	A		CORNWALL SWAMP	CORNWALL SWAMP WMA	P		Y		3	2	2	7	Y	Y	
187			VT	STILES MOUNTAIN CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	B	20	STILES MOUNTAIN CEDAR SWAMP		P		Y								
188			VT	FAIRFIELD SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3	B	80	FAIRFIELD SWAMP	FAIRFIELD SWAMP-FAIRFIELD WMA	P		Y		2	2	2	6	N	Y	
857			VT	QUARRY SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP			S3		150			P		N								
189	Stewart Hill	1	VT	WESTFORD SWAMP	SPRUCE-FIR-TAMARACK SWAMP	SPRUCE-FIR-TAMARACK SWAMP			S3	B	15	WESTFORD SWAMP		P		Y		2	2	2	6	Y	YM	
190			VT	MILL BROOK SWAMP	SPRUCE-FIR-TAMARACK SWAMP	SPRUCE-FIR-TAMARACK SWAMP			S3	C	rox 75 acres	MILL BROOK SWAMP-FAIRFAX		P		Y		1	2	2	5	N	N	
191			VT	MORSES LINE SWAMP	SPRUCE-FIR-TAMARACK SWAMP	SPRUCE-FIR-TAMARACK SWAMP			S3	A/B	50	MORSES LINE SWAMP		P		Y		3	2	2	7	Y	Y	
192			VT	MUD CREEK MARSH	SPRUCE-FIR-TAMARACK SWAMP	SPRUCE-FIR-TAMARACK SWAMP			S3	A		MUD CREEK MARSH	MUD CREEK WMA	P		Y		3	2	2	7	N	Y	
193			VT	SOUTH ALBURG SWAMP	BLACK SPRUCE SWAMP	BLACK SPRUCE SWAMP			S2	A	100	SOUTH ALBURG SWAMP		P		Y						N	Y	
618			VT	HALF MOON COVE	BUTTON BUSH SWAMP									P		Y		3	2	3	8	N	Y	
858			VT	OSPREY WETLAND	SHRUB SWAMP THICKET	ALDER SWAMP			S5	C+	16	OSPREY WETLAND		P		N								
194			VT	MUD POND-BENSON	SHRUB SWAMP THICKET	ALDER SWAMP			S5	B		MUD POND-BENSON		P		Y		1	1	2	4	N	N	
195			VT	PINE ISLAND SHRUB SWAMP	SHRUB SWAMP THICKET	ALDER SWAMP			S5	A	270	PINE ISLAND SHRUB SWAMP		P		Y		3	2	2	7	N	N	
196	Little Otter Creek	1	VT	THORP BROOK MOUTH	SHRUB SWAMP THICKET	BUTTONBUSH SWAMP			S5	A	5	THORP BROOK MOUTH		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
197			VT	ROCK RIVER FLOODPLAIN	SHRUB SWAMP THICKET	BUTTONBUSH SWAMP			S5	B	400	ROCK RIVER FLOODPLAIN	ROCK RIVER WILDLIFE MANAGEMENT AREA	P		Y						N	Y	
198			VT	LAPANS BAY WETLAND	SHRUB SWAMP THICKET	BUTTONBUSH SWAMP			S5	C		LAPANS BAY		P		Y		1	1	2	4	N	N	
199			VT	HALF MOON COVE	SHRUB SWAMP THICKET	ALDER SWAMP			S5	A	90	HALF MOON COVE	HALF MOON COVE WMA	P		Y		3	2	3	8	N	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
859			VT	OTTER CREEK HACKBERRY	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	3	OTTER CREEK HACKBERRY		P		N								
200			VT	LAMOILLE RIVER DELTA	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	A	100	LAMOILLE RIVER DELTA	SANDBAR WMA	P		Y		3	2	2	7	N	Y	
201			VT	GORGE ISLAND	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	25	GORGE ISLAND		P		Y		1	2	2	5	N	N	
202			VT	JERICHO BEND	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	24	JERICHO BEND		P		Y		1	3	3	7	N	N	
203			VT	DELUGE FOREST	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	15	DELUGE FOREST		P		Y		1	3	3	7	N	N	
204			VT	JOHNNY BROOK MOUTH	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	BC	26	RICHMOND RIPARIAN CORRIDOR SITE		P		Y		1	3	3	7	N	N	
860			VT	LAPLATTE RIVER LEDGES	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B-		LAPLATTE RIVER LEDGES		P		N								
861			VT	68 ACRES	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	15	68 ACRES		P		N								
862			VT	LAMOILLE FAIRFAX ISLANDS	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	C	37351	LAMOILLE FAIRFAX ISLANDS		P		N								
205			VT	HIGHGATE FALLS ISLANDS	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	25	HIGHGATE FALLS		P		Y		1	2	2	5	N	N	
206	(Otter Creek Swamps)	0	VT	WHITING SWAMP	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	A	100	WHITING SWAMP		P		Y		3	2	2	7	Y	Y	
207	(Otter Creek Swamps)	0	VT	CORNWALL SWAMP	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	367	CORNWALL SWAMP	CORNWALL SWAMP WMA	P		Y		3	2	2	7	Y	Y	
208	(Otter Creek Swamps)	0	VT	OTTER CREEK-LEICESTER	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	15	OTTER CREEK-LEICESTER		P		Y		3	2	2	7	Y	Y	
209			VT	OTTER CREEK-MIDDLEBURY	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	35	OTTER CREEK-MIDDLEBURY		P		Y		2	2	2	6	N	N	
210			VT	PINE ISLAND	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	25	PINE ISLAND		P		Y		3	2	2	7	N	N	
863			VT	WINOOSKI RIVER-ROUTE 127	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	15	WINOOSKI RIVER-ROUTE 127		P		N								
864			VT	WINOOSKI RIVER-ALLEN BROOK	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	B	9	WINOOSKI RIVER-ALLEN BROOK		P		N								
211			VT	HALF MOON COVE	SNE SEEPAGE MARSH	SILVER MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S3	AB	100	HALF MOON COVE	HALF MOON COVE WMA	P		Y		3	2	3	8	N	Y	
865			VT	SHORE SWAMP	NNE SEEPAGE MARSH	RED OR SILVER MAPLE-GREEN ASH SWAMP			S3	C	5	SHORE SWAMP		P		N								
212			VT	HAZEN POINT	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A	50	HAZEN POINT	HAZEN POINT	P		Y		2	2	2	6	N	Y	LCLT

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
213			VT	NORTH HERO STATE PARK SITE	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	50	NORTH HERO STATE PARK SITE	NORTH HERO STATE PARK	P		Y		2	2	2	6	N	N	
866			VT	GRAND TRUNK SWAMP	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	10	GRAND TRUNK SWAMP		P		N		1	2	2	5	N	N	
867			VT	NICHOLS POINT WETLAND	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	10	NICHOLS POINT WETLAND		P		N								
868			VT	ABNAKI SWAMP	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	C	3	ABNAKI SWAMP		P		N								
869			VT	NORTHEAST OF CARRY BAY	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	C	5	NORTHEAST OF CARRY BAY		P		N								
214			VT	HALF MOON COVE	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	AB	100	HALF MOON COVE	HALF MOON COVE WMA	P		Y		3	2	3	8	N	Y	
215	Little Otter Creek	1	VT	PORTER'S BAY	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A	80	PORTER'S BAY	OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
216	Bald Mountain	1	VT	DROWNED LANDS	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A	75	DROWNED LANDS		P		Y		3	2	3	8	Y	YM	
217			VT	MILL RIVER MOUTH	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	60	MILL RIVER MOUTH		P		Y		1	2	3	6	N	N	LCLT
218	Little Otter Creek	1	VT	THORP BROOK MOUTH	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	5	THORP BROOK MOUTH		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
219	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A	800	MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	P		Y		3	1	3	7	N	Y	USFWS, TNC assist
220			VT	LAPLATTE RIVER MARSH	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A		LAPLATTE RIVER MARSH	LAPLATTE RIVER MARSH TNC PRESERVE	P		Y		3	2	3	8	Y	Y	
221			VT	LAMOILLE RIVER DELTA	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	A	100	LAMOILLE RIVER DELTA	SANDBAR WMA	P		Y		3	2	2	7	N	Y	
222			VT	ROCK RIVER FLOODPLAIN	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	40	ROCK RIVER FLOODPLAIN	ROCK RIVER WILDLIFE MANAGEMENT AREA	P		Y						N	Y	
223	(Mount Independence)	0	VT	EAST CREEK MARSH	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	E		EAST CREEK		P		Y		2	3	2	7	Y	Y	
224	Little Otter Creek	1	VT	LITTLE OTTER/LEWIS CREEK MARSH	NNE SEEPAGE MARSH	LAKESIDE FLOODPLAIN FOREST			S3	B	50	LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
225	Little Otter Creek	1	VT	THORP BROOK MOUTH	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	31	THORP BROOK MOUTH		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
226			VT	WILLIAMS WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	20	WILLIAMS WOODS		P		Y						Y	N	SEE LITTLE OTTER CREEK
870			VT	LOST FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	7	LOST FOREST		P		N								
871			VT	LAPANS BAY WETLAND	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	D	25	LAPANS BAY		P		N		1	1	2	4	N	N	
872			VT	PRINDLE CORNERS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	12	PRINDLE CORNERS		P		N								
227	Dead Creek	1	VT	DEAD CREEK-NOONAN OAK-HICKORY WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	30	DEAD CREEK-NOONAN OAK-HICKORY WOODS	DEAD CREEK WMA	P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
228	Dead Creek	1	VT	DEAD CREEK OAK-HICKORY WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	240	DEAD CREEK OAK-HICKORY WOODS	DEAD CREEK WMA	P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
873	Dead Creek	1	VT	DEAD CREEK WMA HILL FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	25	DEAD CREEK WMA HILL FOREST	DEAD CREEK WMA	P		N		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
229	Dead Creek	1	VT	PALMER CORNER WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	100	PALMER CORNER WOODS		P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
230			VT	LOWER LAMOILLE RIVER OXBOW	ALLUVIAL MARSH	SUGAR MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S2	E		LOWER LAMOILLE RIVER OXBOW		P		Y		2	2	2	6	Y	Y	
231	Dead Creek	1	VT	GRANDY ROAD WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	80	GRANDY ROAD WOODS		P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
232			VT	HOSPITAL CREEK WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	130	HOSPITAL CREEK MARSH AND WOODS		P		Y								SEE DEAD CREEK MATRIX BLOCK

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
233	Dead Creek	1	VT	FROSTY LANE CLAYPLAIN FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	100	FROSTY LANE CLAYPLAIN FOREST	DEAD CREEK WMA	P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
234	Bridport	2	VT	HEITMAN ROAD WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	60	HEITMAN ROAD WOODS		P		Y		2	3	1	6	N	N	
235			VT	LEMON FAIR CLAYPLAIN FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	15	LEMON FAIR CLAYPLAIN FOREST		P		Y		3	2	2	7	N	Y	
236			VT	HILL BAY BOTTOMS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	55	HILL BAY BOTTOMS		P		Y		1	3	2	6	N	N	
237			VT	MUD HOLLOW- CHARLOTTE	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	350	MUD HOLLOW-CHARLOTTE		P		Y		1	3	2	6	N	N	
874			VT	VERMONT WILDFLOWER FARM	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	20	VERMONT WILDFLOWER FARM		P		N								
238			VT	BUTTON BAY BLUFF	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	65	BUTTON BAY BLUFF		P		Y		1	3	1	5	N	N	
239			VT	DEAD AND OTTER CREEKS CONFLUENCE WOODS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	50	DEAD AND OTTER CREEKS CONFLUENCE WOODS		P		Y								
240	Little Otter Creek	1	VT	LITTLE OTTER CREEK FORESTLANDS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	800	LITTLE OTTER CREEK FORESTLANDS	LITTLE OTTER CREEK WMA & LOWER OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
875			VT	VAN SICKLEN FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	12	VAN SICKLEN FOREST		P		N								
241	Bald Mountain	1	VT	HUBBARDTON RIVER CLAYPLAN FOREST	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	125	HUBBARDTON RIVER CLAYPLAIN FOREST		P		Y		3	2	3	8	Y	YM	
242	Snake Mountain	2	VT	WEYBRIDGE TOWN FOREST AND ADJACENT FORESTLANDS	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	B	130	WEYBRIDGE TOWN FOREST AND ADJACENT FORESTLANDS	WEYBRIDGE MUNICIPAL FOREST	P		Y		3	2	2	7	N	N	
876			VT	LAPLATTE RIVER MARSH	ALLUVIAL MARSH	VALLEY CLAYPLAIN FOREST			S2	C	10	LAPLATTE RIVER MARSH	LAPLATTE RIVER MARSH TNC PRESERVE	P		N		3	2	3	8	Y	Y	
243	Bald Mountain	1	VT	HUBBARDTON RIVER-LOWER	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3			HUBBARDTON RIVER-LOWER		P		Y		3	2	3	8	Y	YM	
244			VT	LEMON FAIR FLOODPLAIN FOREST	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	A	120	LEMON FAIR FLOODPLAIN FOREST		P		Y		3	2	2	7	N	Y	
245	Little Otter Creek	1	VT	OTTER CREEK MARSH	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	A	100	OTTER CREEK MARSH	LOWER OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
246	Bald Mountain	1	VT	POULTNEY RIVER/SLCV	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3			POULTNEY RIVER/SLCV		P		Y		3	2	3	8	Y	YM	
247			VT	ROCK RIVER FLOODPLAIN	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	B	40	ROCK RIVER FLOODPLAIN	ROCK RIVER WILDLIFE MANAGEMENT AREA	P		Y						N	Y	
248			VT	DERWAY ISLAND	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	AB	120	DERWAY ISLAND		P		Y		2	1	3	6	N	N	
249	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	A	800	MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	P		Y		3	1	3	7	N	Y	USFWS, TNC assist
250			VT	OTTER CREEK-MIDDLEBURY	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	B	35	OTTER CREEK-MIDDLEBURY		P		Y		2	2	2	6	N	N	
251	(Otter Creek Swamps)	0	VT	OTTER CREEK-LEICESTER	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	B	15	OTTER CREEK-LEICESTER		P		Y		3	2	2	7	Y	Y	
252			VT	LAMOILLE RIVER DELTA	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	A	100	LAMOILLE RIVER DELTA	SANDBAR WMA	P		Y		3	2	2	7	N	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
253			VT	HALF MOON COVE	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	AB	100	HALF MOON COVE	HALF MOON COVE WMA	P		Y		3	2	3	8	N	Y	
254			VT	UPPER LAPLATTE FLOODPLAIN FOREST	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	A?	50	UPPER LAPLATTE FLOODPLAIN FOREST		P		Y						N	N	
255			VT	LOWER LAMOILLE RIVER OXBOW	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3	B?	20	LOWER LAMOILLE RIVER OXBOW		P		Y		2	2	2	6	Y	Y	
256	Bald Mountain	1	VT	COGGMAN CREEK MARSH	SNE SEEPAGE MARSH	SILVER MAPLE-SENSITIVE FERN RIVERINE FLOODPLAIN FOREST			S3			COGGMAN CREEK MARSH		P		Y		3	2	3	8	Y	YM	
257			VT	OTTER CREEK-MIDDLEBURY	SNE SEEPAGE MARSH	SUGAR MAPLE-OSTRICH FERN RIVERINE FLOODPLAIN FOREST			S2	B	35	OTTER CREEK-MIDDLEBURY		P		Y		2	2	2	6	N	N	
258	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	A	800	MISSISQUOI DELTA	MISSISQUOI NATIONAL WILDLIFE REFUGE	P		Y		3	1	3	7	N	Y	USFWS, TNC assist
259	Little Otter Creek	1	VT	LITTLE OTTER/LEWIS CREEKS	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	A		LITTLE OTTER/LEWIS CREEK MARSH	LITTLE OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
260			VT	DEAD CREEK MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	A	3000	DEAD CREEK MARSH	DEAD CREEK WMA	P		Y								
877			VT	INTERVALE	DEEPWATER MARSH	CATTAIL MARSH			S4	C	100	BURLINGTON INTERVALE		P		N								
261	Dead Creek	1	VT	WHITNEY CREEK MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	A	200	WHITNEY CREEK MARSH		P		Y		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
262			VT	LAPLATTE RIVER MARSH	DEEPWATER MARSH	DEEP BROADLEAF MARSH			S4	B	100	LAPLATTE RIVER MARSH	LAPLATTE RIVER MARSH TNC PRESERVE	P		Y		3	2	3	8	Y	Y	
263			VT	LAMOILLE RIVER DELTA	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	E		LAMOILLE RIVER DELTA	SANDBAR WMA	P		Y		3	2	2	7	N	Y	
264			VT	SHELBURNE POND	DEEPWATER MARSH	CATTAIL MARSH			S4	B	100	SHELBURNE POND		P		Y						Y	Y	
265			VT	WINOOSKI DELTA	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	20	WINOOSKI DELTA		P		Y						N	Y	
266			VT	FAIRFIELD SWAMP	DEEPWATER MARSH	CATTAIL MARSH			S4	B	600	FAIRFIELD SWAMP		P		Y		2	2	2	6	N	Y	
267	Bald Mountain	1	VT	BILLINGS MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	B	100	POULTNEY RIVER/SLCV		P		Y		3	2	3	8	Y	YM	
268	(Mount Independence)	0	VT	EAST CREEK MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	A?		EAST CREEK		P		Y		2	3	2	7	Y	Y	
269	Bald Mountain	1	VT	COGGMAN CREEK MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	B	50	POULTNEY RIVER/SLCV		P		Y		3	2	3	8	Y	YM	
270	Bald Mountain	1	VT	REED MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	C	25	POULTNEY RIVER/SLCV		P		Y		3	2	3	8	Y	YM	
271			VT	MUD CREEK MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	A	300	MUD CREEK MARSH	MUD CREEK WMA	P		Y		3	2	2	7	N	Y	
272			VT	KELLY BAY	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	B	60	KELLY BAY	KELLY BAY AA	P		Y		1	2	2	5	N	N	
878	Dead Creek	1	VT	HOSPITAL CREEK MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	85	HOSPITAL CREEK MARSH AND WOODS	CHIMNEY POINT STATE PARK	P		N		3	3	2	8	N	YM	State lead, but TNC support restoration efforts
273	Little Otter Creek	1	VT	OTTER CREEK MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	A		OTTER CREEK MARSH	LOWER OTTER CREEK WMA	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
879			VT	HAND'S COVE	DEEPWATER MARSH	CATTAIL MARSH			S4	C	25	HAND'S COVE		P		N								
880			VT	BURYING YARD POINT	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	20	BURYING YARD POINT		P		N								
881			VT	THE MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	50	THE MARSH		P		N								
882			VT	APPLETREE BAY MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	5	APPLETREE BAY MARSH		P		N		1	1	3	5	N	N	DONE
274			VT	APPLETREE BAY MARSH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	B	65	APPLETREE BAY MARSH		P		Y		1	1	3	5	N	N	DONE
275			VT	STATION MARSH	DEEPWATER MARSH	CATTAIL MARSH			S4	C	260	STATION MARSH		P		Y						N	N	
276			VT	NORTH HERO STATE PARK SITE	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	B	20	NORTH HERO STATE PARK SITE	NORTH HERO STATE PARK	P		Y		2	2	2	6	N	N	
277	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA NORTHEAST	DEEPWATER MARSH	WILD RICE MARSH			S4	A	150	MISSISQUOI DELTA		P		Y		3	1	3	7	N	Y	USFWS, TNC assist
278			VT	WINOOSKI DELTA	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C		WINOOSKI DELTA		P		Y						N	Y	
279	Little Otter Creek	1	VT	THORP BROOK MOUTH	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	60	THORP BROOK MOUTH		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
883			VT	COLCHESTER POINT	DEEPWATER MARSH	DEEP BULRUSH MARSH			S4	C	20	COLCHESTER POINT		P		N								
619	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	DEEP BROADLEAF MARSH									P		Y		3	1	3	7	N	Y	USFWS, TNC assist
280			VT	DERWAY ISLAND	MIXED EMERGENT MEADOW MARSH	SHALLOW EMERGENT MARSH			S4	C		DERWAY ISLAND		P		Y		2	1	3	6	N	N	
281	(Otter Creek Swamps)	0	VT	SALISBURY SWAMP	MIXED EMERGENT MEADOW MARSH	SEDGE MEADOW			S4	E		SALISBURY SWAMP		P		Y		3	2	2	7	Y	Y	
282	Bald Mountain	1	VT	ROOT POND AND MARSHES	MIXED EMERGENT MEADOW MARSH	INTERMEDIATE FEN			S4	BC	100	SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		Y		3	2	3	8	Y	YM	
620	(Missisquoi River Delta)	0	VT	MISSISQUOI DELTA	CATTAIL MARSH									P		Y		3	1	3	7	N	Y	USFWS, TNC assist
884	Bald Mountain	1	VT	SHAW MOUNTAIN	VERNAL WOODLAND POOL	VERNAL POOL			S2	E		SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		N		3	2	3	8	Y	YM	
885			VT	MILL POND COBBLE	VERNAL WOODLAND POOL	VERNAL POOL			S2	AB	7	MILL POND COBBLE		P		N		1	2	2	5	N	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
886	Georgia Mountain	2	VT	COLCHESTER POND RIDGE	VERNAL WOODLAND POOL	VERNAL POOL			S3	E		COLCHESTER POND		P		N		1	3	2	6	N	N	
887			VT	CAMP KINIYA ROAD WOODLAND POOLS	VERNAL WOODLAND POOL	VERNAL POOL			S3	E	10	CAMP KINIYA ROAD WOODLAND POOLS		P		N								
888			VT	CHARLOTTE SOUTHEASTERN HILL	VERNAL WOODLAND POOL	VERNAL POOL			S3	E	1			P		N								
889			VT	SNAKE MT.-ROBBINS UPPER NW POOL	VERNAL WOODLAND POOL	VERNAL POOL			S3	E				P		N		3	2	2	7	N	N	
283			NY	BULWAGGA BAY WETLANDS	FLOODPLAIN FOREST	FLOODPLAIN FOREST	FLOODPLAIN FOREST	G3G4	S2S3	AB	30	BULWAGGA BAY	ADIRONDACK PARK	P		Y								
890			NY	JONES POINT WILLSBORO	FLOODPLAIN FOREST	FLOODPLAIN FOREST	FLOODPLAIN FOREST	G3G4	S2S3	C	10	JONES POINT WILLSBORO	ADIRONDACK PARK	P		N								
284			NY	PUTNAM CREEK MARSHES	FLOODPLAIN FOREST	FLOODPLAIN FOREST	FLOODPLAIN FOREST	G3G4	S2S3	B	55	PUTNAM CREEK MARSHES	PUTTS CREEK WILDLIFE MANAGEMENT AREA	P		Y						N	N	DEC
285	Ausable Delta	2	NY	AUSABLE DELTA	FLOODPLAIN FOREST	FLOODPLAIN FOREST	FLOODPLAIN FOREST	G3G4	S2S3	A	260	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
286	Bald Mountain	1	NY	POULTNEY RIVER	FLOODPLAIN FOREST	FLOODPLAIN FOREST	FLOODPLAIN FOREST	G3G4	S2S3	BC	105	SOUTHERN LAKE CHAMPLAIN VALLEY*	EAST BAY WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	YM	
287			NY	ROUTE 37 LOUISVILLE WOODS	RED MAPLE-HARDWOOD SWAMP	RED MAPLE-HARDWOOD SWAMP	RED MAPLE-HARDWOOD SWAMP	G5	S4S5	B	250	ROUTE 37 LOUISVILLE WOODS	WILSON HILL WILDLIFE MANAGEMENT AREA	P		Y						N	N	DEC
288			NY	PERCH RIVER SWAMP	RED MAPLE-HARDWOOD SWAMP	RED MAPLE-HARDWOOD SWAMP	RED MAPLE-HARDWOOD SWAMP	G5	S4S5	B	564	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
289			NY	WOODRUFF POND AND SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	AB	50	CUMBERLAND BAY WETLANDS/PLATTSBURGH BEACH	CUMBERLAND BAY STATE PARK	P		Y						N	N	
891			NY	FORT TICONDEROGA	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	B	11	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		N		1	1	3	5	Y	N	Trust
290			NY	KINGS BAY WETLANDS	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	A	290	KINGS BAY	KINGS BAY WILDLIFE MANAGEMENT AREA	P		Y						N	N	DEC
291			NY	VALCOUR ISLAND	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	B	10	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
292			NY	POINT AU ROCHE SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	A	230	MONTY BAY	MONTY'S BAY WILDLIFE MANAGEMENT AREA	P		Y						N	N	Parks
892			NY	FORT TICONDEROGA	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	B	17	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		N		1	1	3	5	Y	N	Trust
293			NY	ROUTE 37 LOUISVILLE WOODS	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	B	15	ROUTE 37 LOUISVILLE WOODS	WILSON HILL WILDLIFE MANAGEMENT AREA	P		Y								
294	Bald Mountain	1	NY	WARD MARSH	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	BC	55	SOUTHERN LAKE CHAMPLAIN VALLEY		P		Y		3	2	3	8	Y	YM	
295			NY	ASHLAND ROAD WETLAND	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	C	380		ASHLAND FLATS WILDLIFE MANAGEMENT AREA	P		Y								
296			NY	BEAVER CREEK SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	SILVER MAPLE-ASH SWAMP	G3G4	S2S3	A	1150	BEAVER CREEK SWAMP		P		Y		2	1	3	6	Y	Y	DEC will be a partner
893			NY	FRENCH CREEK CLAYTON	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	G3G4	S2S3	CD	25	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	P		N		1	1	3	5	N	N	DEC
297			NY	PERCH RIVER SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	G3G4	S2S3	A	304	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
298	(Lisbon Swamp)	0	NY	BRANDY CREEK SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	G3G4	S2S3	AB	40.9	BRANDY BROOK SWAMP		P		Y		3	2	2	7	Y	Y	With DEC and USFWS
299	(Lisbon Swamp)	0	NY	LISBON SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	RED MAPLE-TAMARACK PEAT SWAMP	G3G4	S2S3	A	450	BRANDY BROOK SWAMP		P		Y		3	2	2	7	Y	Y	With DEC and USFWS
300			NY	VALCOUR ISLAND	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	B	15	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
301	Fort Drum	1	NY	BONAPARTE SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	AB	700	BONAPARTE SWAMP	BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
302	Fort Drum	1	NY	FORT DRUM TRAINING AREA 16 NAUVOO SCHOOL ROAD SWAM	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	BC	10	FORT DRUM NAUVOO SCHOOL ROAD SWAMP	FORT DRUM MILITARY RESERVATION	P		Y		3	1	3	7	Y	YM	Dept. of Defense
303	Ausable Delta	2	NY	WICKHAM MARSH	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	BC	50	AUSABLE DELTA	WICKHAM MARSH WILDLIFE MANAGEMENT AREA	P		Y								
304	Lake Alice/Altona	1	NY	THE VLY	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	BC	100	THE VLY		P		Y		3	2	3	8	Y	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
305	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	BC	50	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
306	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	C	16	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
307	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	C	26	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
308			NY	CARLEY SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	NORTHERN WHITE CEDAR SWAMP	G3G4	S2S3	A	300			P		Y								
309	The Gulf	1	NY	CANNON CORNERS FLAT ROCK	BLACK SPRUCE-TAMARACK BOG	BLACK SPRUCE-TAMARACK BOG	BLACK SPRUCE-TAMARACK BOG	G4G5	S3	AB	40	CANNON CORNERS FLATROCK		P		Y		3	2	3	8	Y	Y	With Nature Conservancy of Canada
310			NY	PERCH RIVER SWAMP	BLACK SPRUCE-TAMARACK BOG	BLACK SPRUCE-TAMARACK BOG	BLACK SPRUCE-TAMARACK BOG	G4G5	S3	AB	88	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
311			NY	CHIPPEWA CREEK MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	B	915	CHIPPEWA BAY MARSH		P		Y		2	2	2	6	Y	Y	With Thousand Islands Trust
312	Bald Mountain	1	NY	FINCH MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	BC	34	SOUTHERN LAKE CHAMPLAIN VALLEY	EAST BAY WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	YM	
313			NY	BULWAGGA BAY WETLANDS	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	AB	40	BULWAGGA BAY	ADIRONDACK PARK	P		Y								
621			NY	BULWAGGA BAY WETLANDS	DEEP EMERGENT MARSH									P		Y								
894			NY	PUTNAM CREEK MARSHES	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	A	20	PUTNAM CREEK MARSHES	PUTTS CREEK WILDLIFE MANAGEMENT AREA	P		N						N	N	DEC
622			NY	PUTNAM CREEK MARSHES	DEEP EMERGENT MARSH									P		Y						N	N	DEC
315	Ausable Delta	2	NY	AUSABLE DELTA	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	AB	20	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
623	Ausable Delta	2	NY	AUSABLE DELTA	DEEP EMERGENT MARSH									P		Y		3	2	2	8	Y	Y	DEC will be a partner
624			NY	AUSABLE DELTA	INLAND CALCAREOUS LAKE SHORE									P		Y								
625			NY	AUSABLE DELTA	INLAND CALCAREOUS LAKE SHORE									P		Y								
316	Ausable Delta	2	NY	AUSABLE DELTA	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	B	30	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
895			NY	FORT MONTGOMERY SWAMP	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	AB	30	FORT MONTGOMERY SWAMP		P		N		1	2	3	6	Y	N	
896			NY	FORT MONTGOMERY SWAMP	DEEP EMERGENT MARSH									P		N		1	2	3	6	Y	N	
897			NY	FORT MONTGOMERY SWAMP	DEEP EMERGENT MARSH									P		N		1	2	3	6	Y	N	
898			NY	FORT MONTGOMERY SWAMP	DEEP EMERGENT MARSH									P		N		1	2	3	6	Y	N	
317	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	AB	2800	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
318			NY	CROOKED CREEK MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	AB	900	CROOKED CREEK MARSH		P		Y		2	2	2	6	Y	Y	with Thousand Islands Trust
319			NY	CRANBERRY CREEK MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	BC	425	CRANBERRY CREEK MARSH	CRANBERRY CREEK WILDLIFE MANAGEMENT AREA	P		Y		2	2	3	7	Y	Y	With DEC
899			NY	CRANBERRY CREEK MARSH	DEEP EMERGENT MARSH									P		N		2	2	3	7	Y	Y	With DEC
320	Bald Mountain	1	NY	WARD MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	B	30	SOUTHERN LAKE CHAMPLAIN VALLEY		P		Y		3	2	3	8	Y	YM	
321			NY	LACHUTE RIVER DELTA	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	B	155	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		Y						N	N	OSI
322			NY	LAKE CHAMPLAIN SOUTH BASIN	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	DEEP EMERGENT MARSH	G4	S4	A	835	SOUTHERN LAKE CHAMPLAIN VALLEY*	ADIRONDACK PARK	P		Y						Y	Y	
626			NY	LAKE CHAMPLAIN SOUTH BASIN	DEEP EMERGENT MARSH									P		Y						Y	Y	
627			NY	LAKE CHAMPLAIN SOUTH BASIN	DEEP EMERGENT MARSH									P		Y						Y	Y	
628			NY	LAKE CHAMPLAIN SOUTH BASIN	DEEP EMERGENT MARSH									P		Y						Y	Y	
323			NY	BULWAGGA BAY WETLANDS	SHALLOW EMERGENT MARSH	SHALLOW EMERGENT MARSH	SHALLOW EMERGENT MARSH	G5	S5	AB	40	BULWAGGA BAY	ADIRONDACK PARK	P		Y								
324	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	SHALLOW EMERGENT MARSH	SHALLOW EMERGENT MARSH	SHALLOW EMERGENT MARSH	G5	S5	B	500	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
325	(Upper and Lower Lakes)	0	NY	UPPER AND LOWER LAKES WETLAND	SHRUB SWAMP	SHRUB SWAMP	SHRUB SWAMP	G5	S5	B	319	UPPER AND LOWER LAKES	UPPER AND LOWER LAKES WILDLIFE MANAGEMENT AREA	P		Y								
326			NY	POINT AU ROCHE SWAMP	SHRUB SWAMP	SHRUB SWAMP	SHRUB SWAMP	G5	S5	B	100	MONTY BAY	MONTY'S BAY WILDLIFE MANAGEMENT AREA	P		Y						N	N	Parks
327	Bald Mountain	1	NY	WARD MARSH	SHRUB SWAMP	SHRUB SWAMP	SHRUB SWAMP	G5	S5	B	90	SOUTHERN LAKE CHAMPLAIN VALLEY		P		Y		3	2	3	8	Y	YM	
328			NY	PERCH RIVER SWAMP	SHRUB SWAMP	SHRUB SWAMP	SHRUB SWAMP	G5	S5	B	1408	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
329			NY	VALCOUR ISLAND	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	AB	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
330			NY	VALCOUR ISLAND	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	A	3	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
331			NY	VALCOUR ISLAND	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	AB	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
332			NY	FORT MONTGOMERY SWAMP	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	AB	4	FORT MONTGOMERY SWAMP		P		Y		1	2	3	6	Y	N	
333			NY	VALCOUR ISLAND	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	AB	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
900			NY	WILEY DONDERO CANAL SOUTH	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	C	2	WILEY DONDERO CANAL SOUTH		P		N								
334			NY	POLLYS CREEK	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	BC	9	SAINT LAWRENCE RIVER MEGASITE	ROBERT MOSES STATE PARK (ST LAWRENCE)	P		Y						?	?	
335			NY	ROBINSON BAY EAST	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	BC	5	SAINT LAWRENCE RIVER MEGASITE	ROBERT MOSES STATE PARK (ST LAWRENCE)	P		Y						N	N	Parks
336			NY	BARNHART ISLAND BRIDGE SOUTH	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	B	2	SAINT LAWRENCE RIVER MEGASITE	ROBERT MOSES STATE PARK (ST LAWRENCE)	P		Y		1	1	3	5	Y	N	
337			NY	ROBINSON BAY	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	BC	3	SAINT LAWRENCE RIVER MEGASITE	ROBERT MOSES STATE PARK (ST LAWRENCE)	P		Y						N	N	Parks
338			NY	COLE BAY	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	BC	1	CHAMPLAIN VALLEY FARM EASEMENTS	ADIRONDACK PARK	P		Y		1	?	?	?	?	?	
339			NY	SCHUYLER ISLAND	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	BC	1	SCHUYLER ISLAND	ADIRONDACK PARK	P		Y						N	N	DEC
340			NY	BULL ROCK POINT	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	COBBLE SHORE WET MEADOW	G3?	S2	B	2	BULL ROCK POINT		P		Y								
341			NY	VALCOUR ISLAND	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	G4?	S3S4	AB	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
342			NY	VALCOUR ISLAND	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	G4?	S3S4	B	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
343			NY	VALCOUR ISLAND	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	G4?	S3S4	B	2	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
344			NY	AUSABLE DELTA	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	INLAND CALCAREOUS LAKE SHORE	G4?	S3S4	A	30	AUSABLE DELTA	ADIRONDACK PARK	P		Y								
345			NY	JOHNNY CAKE ROAD SINKHOLE WETLANDS	SINKHOLE WETLAND	SINKHOLE WETLAND	SINKHOLE WETLAND	G3?	S1	AB	50	JOHNNY CAKE ROAD SINKHOLE WETLANDS		P		Y						Y	N	
346			NY	SPILE BRIDGE ROAD WETLANDS	SINKHOLE WETLAND	SINKHOLE WETLAND	SINKHOLE WETLAND	G3?	S1	A	23	SPILE BRIDGE ROAD WETLANDS		P		Y						Y	Y	?
347	Ausable Delta	2	NY	AUSABLE DELTA	SEDGE MEADOW	SEDGE MEADOW	SEDGE MEADOW	G5	S4	B	10	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
629	Ausable Delta	2	NY	AUSABLE DELTA	SHRUB SWAMP									P		Y		3	2	2	8	Y	Y	DEC will be a partner
630	Ausable Delta	2	NY	AUSABLE DELTA	GREAT LAKES DUNES									P		Y		3	2	2	8	Y	Y	DEC will be a partner
631	Ausable Delta	2	NY	AUSABLE DELTA	GREAT LAKES DUNES									P		Y		3	2	2	8	Y	Y	DEC will be a partner
348			NY	ROUTE 22 CEDAR FEN	RICH SLOPING FEN	RICH SLOPING FEN	RICH SLOPING FEN	G3	S1S2	C	1		PLATTSBURGH AIR FORCE BASE	P		Y						?	?	
349	Fort Drum	1	NY	BONAPARTE SWAMP	RICH GRAMINOID FEN	RICH GRAMINOID FEN	RICH GRAMINOID FEN	G3	S1S2	B	18		BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
350	Fort Drum	1	NY	BONAPARTE SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	AB	9	BONAPARTE SWAMP		P		Y		3	1	3	7	Y	YM	Dept. of Defense
351	Fort Drum	1	NY	BONAPARTE SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	AB	11	BONAPARTE SWAMP	BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
352	(Lisbon Swamp)	0	NY	BRANDY CREEK SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	AB	40.9	BRANDY BROOK SWAMP		P		Y		3	2	2	7	Y	Y	With DEC and USFWS
353	Ausable Delta	2	NY	WICKHAM MARSH	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	B	20	AUSABLE DELTA	WICKHAM MARSH WILDLIFE MANAGEMENT AREA	P		Y								
354			NY	PERCH RIVER SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	B	1	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
355	(Lisbon Swamp)	0	NY	LISBON SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	A	190	BRANDY BROOK SWAMP		P		Y		3	2	2	7	Y	Y	With DEC and USFWS
356	(Lisbon Swamp)	0	NY	LISBON SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	AB	80	BRANDY BROOK SWAMP		P		Y		3	2	2	7	Y	Y	With DEC and USFWS
357	Fort Drum	1	NY	BONAPARTE SWAMP	RICH SHRUB FEN	RICH SHRUB FEN	RICH SHRUB FEN	G3G4	S1S2	AB	30		BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
358	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 BOG POND	MEDIUM FEN	MEDIUM FEN	MEDIUM FEN	G3G4	S2S3	AB	5	FORT DRUM MUD LAKE	FORT DRUM MILITARY RESERVATION	P		Y		3	1	3	7	Y	YM	Dept. of Defense

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
359	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 MUD LAKE FEN	MEDIUM FEN	MEDIUM FEN	MEDIUM FEN	G3G4	S2S3	AB	105	FORT DRUM MUD LAKE	FORT DRUM MILITARY RESERVATION	P		Y		3	1	3	7	Y	YM	Dept. of Defense
632	Fort Drum	1	NY	FORT DRUM TRAINING AREA 19 MUD LAKE FEN	MEDIUM FEN									P		Y		3	1	3	7	Y	YM	Dept. of Defense
360			NY	PERCH RIVER SWAMP	MEDIUM FEN	MEDIUM FEN	MEDIUM FEN	G3G4	S2S3	AB	127	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
361	Ausable Delta	2	NY	AUSABLE DELTA	MEDIUM FEN	MEDIUM FEN	MEDIUM FEN	G3G4	S2S3	B	10	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
362	Lake Alice/Altona	1	NY	ALTONA FLAT ROCK	PERCHED BOG	PERCHED BOG	PERCHED BOG	G3G4	S1S2	A	5	ALTONA FLAT ROCK MACROSITE		P		Y		3	2	3	8	Y	Y	
363	Lake Alice/Altona	1	NY	ALTONA FLAT ROCK	PERCHED BOG	PERCHED BOG	PERCHED BOG	G3G4	S1S2	A	1	ALTONA FLAT ROCK MACROSITE		P		Y		3	2	3	8	Y	Y	
364	Lake Alice/Altona	1	NY	ALTONA FLAT ROCK	PERCHED BOG	PERCHED BOG	PERCHED BOG	G3G4	S1S2	A	4	ALTONA FLAT ROCK MACROSITE		P		Y		3	2	3	8	Y	Y	
901	The Gulf	1	NY	CANNON CORNERS FLAT ROCK	PERCHED BOG	PERCHED BOG	PERCHED BOG	G3G4	S1S2	E	1	CANNON CORNERS FLATROCK		P		N		3	2	3	8	Y	Y	With Nature Conservancy of Canada
365	The Gulf	1	NY	GADWAY ROAD FLAT ROCK	PERCHED BOG	PERCHED BOG	PERCHED BOG	G3G4	S1S2	A	7	GADWAY ROAD FLATROCK	GADWAY SANDSTONE PAVEMENT BARRENS PRESERVE	P		Y		3	2	3	8	Y	Y	With Nature Conservancy of Canada
366			NY	PERCH RIVER SWAMP	DWARF SHRUB BOG	DWARF SHRUB BOG	DWARF SHRUB BOG	G4	S3	AB	6	PERCH RIVER WETLANDS	PERCH RIVER WILDLIFE MANAGEMENT AREA	P		Y		1	2	2	5	Y	N	
367	Fort Drum	1	NY	FORT DRUM TRAINING AREA 14C	DWARF SHRUB BOG	DWARF SHRUB BOG	DWARF SHRUB BOG	G4	S3	AB	20		FORT DRUM MILITARY RESERVATION	P		Y		3	1	3	7	Y	YM	Dept. of Defense
368	Fort Drum	1	NY	BONAPARTE SWAMP	DWARF SHRUB BOG	DWARF SHRUB BOG	DWARF SHRUB BOG	G4	S3	B	8			P		Y		3	1	3	7	Y	YM	Dept. of Defense
Subterranean																								
902			VT	WEYBRIDGE CAVE	CAVE/MINE	CAVE/MINE				AB	5		WEYBRIDGE CAVE NA	P		N								
903			VT	DEVIL'S DEN CAVES	CAVE/MINE	CAVE/MINE						DEVIL'S DEN CAVES		P		N								
904			VT	1867 CAVE	CAVE/MINE	CAVE/MINE						1867 CAVE		P		N		1	2	3	6	N	N	
905			VT	DEVIL'S DEN CAVES	SUBTERRANEAN STREAM/POOL							DEVIL'S DEN CAVES		P		N								
Terrestrial																								
906			VT	WINOOSKI FALLS	RIVERSIDE OUTCROP COMMUNITY	RIVERSIDE OUTCROP			S3	C	10	WINOOSKI FALLS		P		N								
369			VT	JERICHO BEND	RIVERSHORE GRASSLAND	RIVERSHORE GRASSLAND			S3	E		JERICHO BEND		P		Y		1	3	3	7	N	N	
633			VT	SOUTH HERO DUNES	SAND DUNE COMMUNITY									P		Y						N	N	
370	(Missisquoi River Delta)	0	VT	HIGHGATE STATE PARK	ACIDIC ROCKY SUMMIT/OUTCROP	LAKE SHALE OR COBBLE BEACH			S3	B	1	HIGHGATE STATE PARK SITE	HIGHGATE STATE PARK	P		Y		3	1	3	7	N	N	State, TNC assist
371			VT	CAMPMEETING POINT	NNE ACIDIC ROCKY SUMMIT/ROCK OUTCROP COMMUNITY	LAKESHORE GRASSLAND			S2	A	2	CAMPMEETING POINT	KNIGHT POINT STATE PARK	P		Y		2	2	3	7	N	Y	
372			VT	SAVAGE ISLAND	NNE ACIDIC ROCKY SUMMIT/ROCK OUTCROP COMMUNITY	LAKESHORE GRASSLAND			S2	A	1	SAVAGE ISLAND		P		Y						N	N	LCLT
373			VT	WINOOSKI DELTA	NNE ACIDIC ROCKY SUMMIT/ROCK OUTCROP COMMUNITY	LAKESHORE GRASSLAND			S2	E		WINOOSKI DELTA		P		Y						N	Y	
907			VT	COLCHESTER POINT RUSH MEADOW	NNE ACIDIC ROCKY SUMMIT/ROCK OUTCROP COMMUNITY	LAKESHORE GRASSLAND			S2	B		COLCHESTER POINT RUSH MEADOW		P		N								
374			VT	WINOOSKI DELTA	LAKE SAND BEACH	LAKE SAND BEACH			S2	A+	10	WINOOSKI DELTA		P		Y						N	Y	
908			VT	NORTH BEACH	LAKE SAND BEACH	LAKE SAND BEACH			S2	D	3	NORTH BEACH		P		N		1	3	2	6	N	N	LCLT
375			VT	MUD CREEK MARSH	LAKE SAND BEACH	LAKE SAND BEACH			S2	D	2	MUD CREEK MARSH		P		Y		3	2	2	7	N	Y	
909			VT	COLCHESTER BOG	LAKE SAND BEACH	SAND DUNE			S2	CD		COLCHESTER BOG		P		N		1	1	3	5	N	N	
376			VT	SOUTH HERO DUNES	LAKE SAND BEACH	LAKE SAND BEACH			S2	A	7-May	SOUTH HERO DUNES		P		Y						N	N	
377			VT	SOUTH HERO DUNES	SAND DUNE COMMUNITY	SAND DUNE		G2?	S1	B	3?	SOUTH HERO DUNES		P		Y						N	N	
378	Snake Mountain	2	VT	SNAKE MOUNTAIN	TEMPERATE ACIDIC OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S4	A	5	SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	P		Y		3	2	2	7	N	N	
379			VT	CHANDLER RIDGE	TEMPERATE ACIDIC OUTCROP COMMUNITY	TEMPERATE ACIDIC OUTCROP			S4	B		CHANDLER RIDGE		P		Y		2	1	3	6	N	N	
380			VT	BRYANT MOUNTAIN	TEMPERATE ACIDIC OUTCROP COMMUNITY	TEMPERATE ACIDIC OUTCROP			S4	A	20	BRYANT MOUNTAIN		P		Y		2	2	3	7	N	Y	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
381	Bald Mountain	1	VT	SHAW MOUNTAIN	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	AB		SHAW MOUNTAIN		P		Y		3	2	3	8	Y	YM	
382	Bald Mountain	1	VT	AUSTIN HILL	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	AB		AUSTIN HILL		P		Y		3	2	3	8	Y	YM	
383			VT	STACY CROSSROADS COBBLE	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	B	3	STACY CROSSROADS COBBLE		P		Y						N	N	
910			VT	TWIN BRIDGES SITE	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	C	5	TWIN BRIDGES SITE		P		N								
911			VT	BUTTON POINT	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	C	1	BUTTON POINT NATURAL AREA SITE	BUTTON BAY STATE PARK	P		N		1	2	2	5	N	N	
912			VT	HOUGH CROSSING CLIFFS	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	B	4	HOUGH CROSSING CLIFFS		P		N								
384	(Mount Independence)	0	VT	BLUE LEDGE	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	C	20	BLUE LEDGE		P		Y		1	1	3	5	N	N	
385			VT	SHELBURNE RIDGE	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	C-		SHELBURNE RIDGE		P		Y						N	N	
913			VT	APPLETREE POINT	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	C		APPLETREE POINT		P		N								
386			VT	PEASE MOUNTAIN	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	E		PEASE MOUNTAIN		P		Y		2	3	2	7	N	N	UVM
387			VT	ELEPHANT MOUNTAIN	TEMPERATE CALCAREOUS OUTCROP COMMUNITY	TEMPERATE CALCAREOUS OUTCROP			S3	A		ELEPHANT MOUNTAIN	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
388			VT	MOUNT MOOSALAMOO	TEMPERATE ACIDIC CLIFF COMMUNITY	TEMPERATE ACIDIC CLIFF			S4	B	5	MOUNT MOOSALAMOO	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	P		Y		2	2	3	7	N	Y	
389			VT	BRISTOL CLIFFS	TEMPERATE ACIDIC CLIFF COMMUNITY	TEMPERATE ACIDIC CLIFF			S4	A		BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
390			VT	SUCKER CREEK-SALISBURY	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	E		SUCKER CREEK-SALISBURY	GMNF MIDDLEBURY RANGER DISTRICT	P		Y						N	Y	
391	(Mount Independence)	0	VT	MOUNT INDEPENDENCE	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	1	MOUNT INDEPENDENCE		P		Y		3	2	3	8	N	Y	
392	Bald Mountain	1	VT	SHAW MOUNTAIN	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	A	3	SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		Y		3	2	3	8	Y	YM	
393	Bald Mountain	1	VT	BALD MOUNTAIN	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	A	4	BALD MOUNTAIN		P		Y		3	2	3	8	Y	YM	
394			VT	RATTLESNAKE POINT	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	BC	1	RATTLESNAKE POINT	GMNF MIDDLEBURY RANGER DISTRICT	P		Y						N	Y	
914			VT	BRISTOL COBBLE	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	C	5	BRISTOL COBBLE		P		N								
915			VT	HOUGH CROSSING CLIFFS	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	C	1	HOUGH CROSSING CLIFFS		P		N								
916			VT	MIDDLEBURY LEDGES	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	2	MIDDLEBURY LEDGES		P		N								
395			VT	EAGLE MOUNTAIN	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	E	1	EAGLE MOUNTAIN		P		Y		3	1	3	7	N	Y	Lake Champlain Land Trust
396	(Missisquoi River Delta)	0	VT	HIGHGATE STATE PARK	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	1	HIGHGATE STATE PARK SITE	HIGHGATE STATE PARK	P		Y		3	1	3	7	N	N	State, TNC assist
397	Bald Mountain	1	VT	RED ROCK BAY	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	160	RED ROCK BAY		P		Y		3	2	3	8	Y	YM	
398	Bald Mountain	1	VT	CEDAR MOUNTAIN-BENSON	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	A		CEDAR MOUNTAIN-BENSON		P		Y		3	2	3	8	Y	YM	
399	Bald Mountain	1	VT	COGGMAN CREEK KNOLL	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	2	POULTNEY RIVER/SLCV		P		Y		3	2	3	8	Y	YM	
917	Bald Mountain	1	VT	CENTER SCHOOL HILLS	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	E		CENTER SCHOOL HILLS		P		N		3	2	3	8	Y	YM	
400			VT	MALLETTS BAY NORTH SHORE HEADLANDS	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	A	6	MALLETTS BAY NORTH SHORE HEADLANDS		P		Y		2	3	1	6	N	N	
918			VT	NORTH CHARLOTTE LAKE BLUFF	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B	1			P		N								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
401	Little Otter Creek	1	VT	THORP BROOK HILLS	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3		6	THORP BROOK HILLS		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
919			VT	MASON HILL	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	BC	1	MASON HILL		P		N								
402	Snake Mountain	2	VT	SNAKE MOUNTAIN	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B		SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	P		Y		3	2	2	7	N	N	
403	(Mount Independence)	0	VT	WHITE LEDGE	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	B		WHITE LEDGE		P		Y								
404			VT	DELANO HILL	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	AB	25	DELANO HILL		P		Y		2	2	3	7	N	N	
920	(Mount Independence)	0	VT	CHIPMAN POINT BLUFF	TEMPERATE CALCAREOUS CLIFF COMMUNITY	TEMPERATE CALCAREOUS CLIFF		G4	S3	BC	1	CHIPMAN POINT BLUFF		P		N								
405			VT	BRISTOL CLIFFS	SUBACIDIC CLIFFS	OPEN TALUS			S2	A	40	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
406	Bald Mountain	1	VT	BALD MOUNTAIN	SUBACIDIC CLIFFS	OPEN TALUS			S2	A		BALD MOUNTAIN		P		Y		3	2	3	8	Y	YM	
407			VT	BRISTOL CLIFFS	NORTHERN/HIGH-ELEVATION TALUS WOODLAND	BOREAL TALUS WOODLAND			S3	A		BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
408			VT	BRISTOL CLIFFS	COLD-AIR TALUS WOODLAND	COLD-AIR TALUS WOODLAND			S1	A	1	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
409			VT	ELEPHANT MOUNTAIN	MESIC NORTHERN HARDWOOD FOREST	NORTHERN HARDWOOD FOREST			S5	C	5	ELEPHANT MOUNTAIN		P		Y		3	2	3	8	N	Y	
921			VT	CAMBRIDGE PINES	MESIC NORTHERN HARDWOOD FOREST	NORTHERN HARDWOOD FOREST			S5	C	22	CAMBRIDGE PINES		P		N								
922			VT	CENTENNIAL WOODS	MESIC NORTHERN HARDWOOD FOREST	NORTHERN HARDWOOD FOREST			S5	C	40			P		N								
923			VT	MOUNT MOOSALAMOO	MESIC NORTHERN HARDWOOD FOREST	NORTHERN HARDWOOD FOREST			S5	B	50	MOUNT MOOSALAMOO	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	P		N		2	2	3	7	N	Y	
410			VT	LEICESTER HOLLOW	FLOODPLAIN FOREST	RICH NORTHERN HARDWOOD FOREST			S3	B	100	LEICESTER HOLLOW	GMNF MIDDLEBURY RANGER DISTRICT	P		Y								
924			VT	SILVER LAKE TRAIL-SALISBURY	FLOODPLAIN FOREST	RICH NORTHERN HARDWOOD FOREST			S3	E			GMNF MIDDLEBURY RANGER DISTRICT	P		N								
411			VT	LION HILL	FLOODPLAIN FOREST	RICH NORTHERN HARDWOOD FOREST			S3	BC	20	LION HILL		P		Y		1	2	2	5	N	N	
412	Stewart Hill	1	VT	STEWART HILL	FLOODPLAIN FOREST	RICH NORTHERN HARDWOOD FOREST			S3	B	20	STEWART HILL		P		Y		2	2	2	6	Y	YM	
413			VT	EAGLE MOUNTAIN	FLOODPLAIN FOREST	RICH NORTHERN HARDWOOD FOREST			S3	E		EAGLE MOUNTAIN		P		Y		3	1	3	7	N	Y	Lake Champlain Land Trust
925			VT	DAMEAS ISLAND	MESIC RED OAK-HARDWOOD FOREST	MESIC RED OAK-NORTHERN HARDWOOD FOREST			S3	C	9	DAMEAS ISLAND		P		N								
926			VT	CASTLE TRAIL COVE FOREST	MESIC RED OAK-HARDWOOD FOREST	MESIC RED OAK-NORTHERN HARDWOOD FOREST			S3	C+	40		ETHAN ALLEN FIRING RANGE	P		N								
927			VT	BURNT MOUNTAIN	MESIC RED OAK-HARDWOOD FOREST	MESIC RED OAK-NORTHERN HARDWOOD FOREST			S3	B	1	BURNT MOUNTAIN	GMNF MIDDLEBURY RANGER DISTRICT	P		N		2	2	3	7	N	Y	
414			VT	BRISTOL CLIFFS	MESIC RED OAK-HARDWOOD FOREST	MESIC RED OAK-NORTHERN HARDWOOD FOREST			S3	B/C	37386	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
415			VT	BATTELL RESEARCH FOREST	HEMLOCK FOREST	HEMLOCK FOREST			S4	A	100	BATTELL RESEARCH FOREST	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		2	1	3	6	N	N	
928			VT	DIVERSITY HILL	HEMLOCK FOREST	HEMLOCK FOREST			S4	C	5	DIVERSITY HILL		P		N								
416			VT	BRISTOL CLIFFS	HEMLOCK FOREST	HEMLOCK FOREST			S4	B/C		BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
417			VT	BRYANT MOUNTAIN	HEMLOCK FOREST	HEMLOCK FOREST			S4	B	50-100	BRYANT MOUNTAIN		P		Y		2	2	3	7	N	Y	
418			VT	BRISTOL CLIFFS	NORTHERN HARDWOODS TALUS WOODLAND	NORTHERN HARDWOOD TALUS WOODLAND			S3	A	100	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
419			VT	MOUNT MOOSALAMOO	NORTHERN HARDWOODS TALUS WOODLAND	NORTHERN HARDWOOD TALUS WOODLAND			S3	B	37386	MOUNT MOOSALAMOO	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	P		Y		2	2	3	7	N	Y	
420			VT	THUJALAND	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	E	5	THUJALAND		P		Y						N	N	LCLT

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
421			VT	MALLETTS HEAD	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	E	8	MALLETTS HEAD		P		Y		3	3	1	7	N	Y	LCLT. Note: very threatened
929			VT	RED ROCKS	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	C	8	RED ROCKS		P		N						N	N	
930			VT	LIME ROCK POINT	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	C	5	LIME ROCK POINT		P		N								
422			VT	THE HEAD	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	A	30	THE HEAD		P		Y						Y	Y	
423	Little Otter Creek	1	VT	GROSSE POINT	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	B	10	GROSSE POINT		P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
424	Little Otter Creek	1	VT	KINGSLAND BAY	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	A	35	KINGSLAND BAY	KINGSLAND BAY STATE PARK	P		Y		3	3	2	8	N	YM	State lead; TNC support restoration efforts
425			VT	BUTTON BAY BLUFF	LAKE BLUFF CEDAR-PINE FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST		G3	S1	B	6	BUTTON BAY BLUFF		P		Y		1	3	1	5	N	N	
426	Snake Mountain	2	VT	SNAKE MOUNTAIN	MESIC TRANSITION HARDWOODS FOREST	MESIC RED OAK-NORTHERN HARDWOOD FOREST			S2	C	20	SNAKE MOUNTAIN		P		Y		3	2	2	7	N	N	
427			VT	BUTTON POINT	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST			S2	C+	20	BUTTON POINT NATURAL AREA SITE	BUTTON BAY STATE PARK	P		Y		1	2	2	5	N	N	
931			VT	BRISTOL COBBLE	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST			S2	C		BRISTOL COBBLE		P		N								
932	Bald Mountain	1	VT	RED ROCK BAY	MESIC TRANSITION HARDWOODS FOREST	RICH NORTHERN HARDWOOD FOREST			S2	C		RED ROCK BAY		P		N		3	2	3	8	Y	YM	
933			VT	OAK HILL-WILLISTON	MESIC TRANSITION HARDWOODS FOREST	RICH NORTHERN HARDWOOD FOREST			S2	C				P		N								
428			VT	HINESBURG LIMY COBBLES AND WETLAND	MESIC TRANSITION HARDWOODS FOREST	RICH NORTHERN HARDWOOD FOREST			S2	B	55	HINESBURG LIMY COBBLE AND WETLANDS		P		Y		1	1	2	4	N	N	
429			VT	NIQUETTE STATE PARK	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST			S2	E		NIQUETTE STATE PARK	MALLETTS BAY STATE PARK	P		Y		2	2	3	7	N	N	
934			VT	DIVERSITY HILL	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST			S2	C	10	DIVERSITY HILL		P		N								
935			VT	GOLDIE'S COLLUVIUM	MESIC TRANSITION HARDWOODS FOREST	RICH NORTHERN HARDWOOD FOREST			S2	C	5	GOLDIE'S COLLUVIUM		P		N								
430			VT	MALLETTS HEAD	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST, TRANSITION HARDWOODS LIMESTONE FOREST			S2	E	40	MALLETTS HEAD		P		Y		3	3	1	7	N	Y	LCLT. Note: very threatened
936			VT	BATTELL GORGE	MESIC TRANSITION HARDWOODS FOREST	LIMESTONE BLUFF CEDAR-PINE FOREST			S2	E		BATTELL GORGE		P		N								
937			VT	HEMENWAY HILL	MESIC TRANSITION HARDWOODS FOREST	MESIC MAPLE-ASH-HICKORY-OAK FOREST			S2		10			P		N								
431			VT	ARROWHEAD MOUNTAIN	DRY OAK-PINE FOREST	DRY OAK FOREST			S2	E				P		Y		1	3	2	6	N	Y	
432			VT	SUNDERLAND BROOK PITCH PINE SITE	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	C	90	SUNDERLAND BROOK PITCH PINE SITE		P		Y						N	N	
433			VT	CAMP JOHNSON SITE	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	B	200	CAMP JOHNSON SITE	CAMP JOHNSON MILITARY RESERVATION	P		Y		1	3	2	6	N	Y	DOD
938			VT	SUNDERLAND HEADWATER WOODS	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D	7	SUNDERLAND HEADWATER WOODS		P		N								
434			VT	SUNNY HOLLOW NATURAL AREA	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	E	20	SUNNY HOLLOW NATURAL AREA		P		Y						N	N	
939			VT	CAMP HOLY CROSS	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	C/D	45	CAMP HOLY CROSS		P		N								
435			VT	COLCHESTER HIGH SCHOOL SITE	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	C	160	COLCHESTER HIGH SCHOOL SITE		P		Y		1	3	1	5	N	N	
940			VT	HOLY CROSS CHURCH WOODLAND	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D	15	HOLY CROSS CHURCH WOODLAND		P		N								
941			VT	LACLAIR ESTATE	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D	25			P		N								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
942			VT	VERMONT'S SANDPLAIN	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D		VERMONT'S SANDPLAIN		P		N								
943			VT	BAYSIDE	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D	23	BAYSIDE		P		N								
944			VT	KELLOGG ROAD SANDPLAIN	PINE-OAK-HEATH SANDPLAIN FOREST	PINE-OAK-HEATH SANDPLAIN FOREST			S1	D	22	KELLOGG ROAD SANDPLAIN		P		N								
945			VT	CRANBERRY SWAMP HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B-		CRANBERRY SWAMP HILL		P		N								
436			VT	QUARRY COBBLE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B		QUARRY COBBLE		P		Y						N	N	
946			VT	GARDINER ISLAND	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	D		GARDINER ISLAND		P		N								
947			VT	BRISTOL COBBLE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C	15	BRISTOL COBBLE		P		N								
437	Bald Mountain	1	VT	SHAW MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B	100	SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		Y		3	2	3	8	Y	YM	
438	(Mount Independence)	0	VT	MOUNT INDEPENDENCE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C	20	MOUNT INDEPENDENCE		P		Y		3	2	3	8	N	Y	
439			VT	PEASE MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B		PEASE MOUNTAIN		P		Y		2	3	2	7	N	N	UVM
948			VT	STACY CROSSROADS COBBLE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C+		STACY CROSSROADS COBBLE		P		N						N	N	
440	Bald Mountain	1	VT	SHELDRICK HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	A	10	SHELDRICK HILL		P		Y		3	2	3	8	Y	YM	
441	Georgia Mountain	2	VT	COLCHESTER POND RIDGE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B	25	COLCHESTER POND		P		Y		1	3	2	6	N	N	
949			VT	LONE ROCK POINT	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C	8	LONE ROCK POINT		P		N								
442	Bald Mountain	1	VT	BALD MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	A	100	BALD MOUNTAIN		P		Y		3	2	3	8	Y	YM	
950	Bald Mountain	1	VT	FISH HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E		FISH HILL		P		N		3	2	3	8	Y	YM	
443	Bald Mountain	1	VT	FORBES HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B	50	FORBES HILL		P		Y		3	2	3	8	Y	YM	
951	Bald Mountain	1	VT	COGGMAN CREEK KNOLL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C		POULTNEY RIVER/SLCV		P		N		3	2	3	8	Y	YM	
444			VT	MILL POND COBBLE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B+	75	MILL POND COBBLE		P		Y		1	2	2	5	N	N	
445			VT	CAMP NORFLEET ROAD HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B		CAMP NORFLEET ROAD HILL		P		Y		1	2	2	5	N	N	
446			VT	SHELBURNE RIDGE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	C+		SHELBURNE RIDGE		P		Y						N	N	
952			VT	GRAMMA RIDGE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B-	10	GRAMMA RIDGE		P		N								
447			VT	NIQUETTE STATE PARK	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E		NIQUETTE STATE PARK	MALLETTS BAY STATE PARK	P		Y		2	2	3	7	N	N	
953			VT	COLCHESTER QUARTZITE HIGHLANDS	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E		COLCHESTER QUARTZITE HIGHLANDS		P		N								
954			VT	HUBBARD WOODS	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E		HUBBARD WOODS		P		N								
448			VT	BEAR TRAP ROAD SITE	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B	35	BEAR TRAP ROAD SITE		P		Y		1	2	2	5	N	N	
955			VT	CHARLOTTE SOUTHEASTERN HILL	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B	16			P		N								
449			VT	EAGLE MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E		EAGLE MOUNTAIN		P		Y		3	1	3	7	N	Y	Lake Champlain Land Trust
450	Snake Mountain	2	VT	SNAKE MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B		SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	P		Y		3	2	2	7	N	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
451			VT	SNAKE MOUNTAIN SOUTH	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	E	10	SNAKE MOUNTAIN SOUTH		P		Y		3	2	2	7	N	N	
452			VT	ELEPHANT MOUNTAIN	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	B		ELEPHANT MOUNTAIN	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
453			VT	BRISTOL CLIFFS	DRY OAK-HICKORY-HOPHORNBEAM FOREST	DRY OAK-HICKORY-HOPHORNBEAM FOREST			S3	A	37386	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
454	Hogback Mountains	1	VT	DEER LEAP	RED PINE FOREST/WOODLAND	RED PINE FOREST OR WOODLAND			S2	A	25	DEER LEAP	DEER LEAP TNC PRESERVE	P		Y		2	2	2	6	N	YM	Cons Commission, Bristol
455			VT	ARROWHEAD MOUNTAIN	RED PINE FOREST/WOODLAND	RED PINE FOREST OR WOODLAND			S2	E		ARROWHEAD MOUNTAIN		P		Y		1	3	2	6	N	Y	
456			VT	MOUNT MOOSALAMOO	RED PINE FOREST/WOODLAND	RED PINE FOREST OR WOODLAND			S2	B/C	5	MOUNT MOOSALAMOO	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	P		Y		2	2	3	7	N	Y	
457			VT	BRISTOL CLIFFS	RED PINE FOREST/WOODLAND	RED PINE FOREST OR WOODLAND			S2	A	10+	BRISTOL CLIFFS	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		3	2	3	8	N	Y	
458			VT	BRYANT MOUNTAIN	RED PINE FOREST/WOODLAND	RED PINE FOREST OR WOODLAND			S2	A/B	37386			P		Y		2	2	3	7	N	Y	
459			VT	MOUNT MOOSALAMOO	PITCH PINE-OAK HEATH ROCKY SUMMIT	PITCH PINE-OAK HEATH ROCKY SUMMIT			S1	C	5	MOUNT MOOSALAMOO	GREEN MOUNTAIN NATIONAL FOREST (GMNF)	P		Y		2	2	3	7	N	Y	
460			VT	SHELLHOUSE MOUNTAIN	DRY OAK WOODLAND	DRY OAK WOODLAND			S2	A	55	SHELLHOUSE MOUNTAIN	FERRISBURG MUNICIPAL FOREST	P		Y						N	N	
461			VT	BURNT MOUNTAIN	DRY OAK WOODLAND	DRY OAK WOODLAND			S2	A	10	BURNT MOUNTAIN	GMNF MIDDLEBURY RANGER DISTRICT	P		Y		2	2	3	7	N	Y	
462			VT	CHANDLER RIDGE	DRY OAK WOODLAND	DRY OAK WOODLAND			S2	B	37549	CHANDLER RIDGE		P		Y		2	1	3	6	N	N	
463	Bald Mountain	1	VT	BALD MOUNTAIN	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A	10	BALD MOUNTAIN		P		Y		3	2	3	8	Y	YM	
464	(Mount Independence)	0	VT	MOUNT INDEPENDENCE	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E		MOUNT INDEPENDENCE		P		Y		3	2	3	8	N	Y	
465	Bald Mountain	1	VT	SHAW MOUNTAIN	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	B	5	SHAW MOUNTAIN	SHAW MOUNTAIN NATURAL AREA	P		Y		3	2	3	8	Y	YM	
466			VT	EAGLE MOUNTAIN	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E		EAGLE MOUNTAIN		P		Y		3	1	3	7	N	Y	Lake Champlain Land Trust
467	(Missisquoi River Delta)	0	VT	HIGHGATE STATE PARK	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	B	1	HIGHGATE STATE PARK SITE	HIGHGATE STATE PARK	P		Y		3	1	3	7	N	N	State, TNC assist
956			VT	ALLEN HILL	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E		ALLEN HILL		P		N								
468	Bald Mountain	1	VT	CONNECTICUT LEDGE	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A	13	CONNECTICUT LEDGE		P		Y		3	2	3	8	Y	YM	
469	Bald Mountain	1	VT	VERMONT LEDGE	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	B	15	VERMONT LEDGE		P		Y		3	2	3	8	Y	YM	
957	Bald Mountain	1	VT	FISH HILL	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	C	2	FISH HILL		P		N		3	2	3	8	Y	YM	
470	Bald Mountain	1	VT	CEDAR MOUNTAIN-BENSON	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A+	100	CEDAR MOUNTAIN-BENSON		P		Y		3	2	3	8	Y	YM	
471	Bald Mountain	1	VT	CENTER SCHOOL HILLS	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A		CENTER SCHOOL HILLS		P		Y		3	2	3	8	Y	YM	
472	Bald Mountain	1	VT	MONEY HOLE HILL	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	B	10			P		Y		3	2	3	8	Y	YM	
958	Bald Mountain	1	VT	ROUTE 22A RIDGE	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E		ROUTE 22A RIDGE		P		N		3	2	3	8	Y	YM	
473			VT	THUJALAND	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E	50	THUJALAND		P		Y						N	N	LCLT
474			VT	SHELLHOUSE MOUNTAIN	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	E	25	SHELLHOUSE MOUNTAIN	FERRISBURG MUNICIPAL FOREST	P		Y						N	N	
475	Snake Mountain	2	VT	SNAKE MOUNTAIN	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A		SNAKE MOUNTAIN	SNAKE MOUNTAIN WMA	P		Y		3	2	2	7	N	N	
476			VT	BIG TALUS LEDGE	TRANSITION HARDWOODS TALUS WOODLAND	NORTHERN HARDWOOD TALUS WOODLAND			S3	B/C		BIG TALUS LEDGE		P		Y		1	1	3	5	N	N	
477	Bald Mountain	1	VT	AUSTIN HILL	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	A	20	AUSTIN HILL		P		Y		3	2	3	8	Y	YM	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
959	(Mount Independence)	0	VT	CHIPMAN POINT BLUFF	TRANSITION HARDWOODS TALUS WOODLAND	TRANSITION HARDWOOD TALUS WOODLAND			S3	C	1	CHIPMAN POINT BLUFF		P		N								
478	Ausable Delta	2	NY	PLAINS ROAD BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	C	450	AUSABLE DELTA	ADIRONDACK PARK	P		Y								
479	Ausable Delta	2	NY	KEESEVILLE BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	B	130	KEESEVILLE BARRENS	ADIRONDACK PARK	P		Y								
480	Ausable Delta	2	NY	AUSABLE DELTA	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	C	45	AUSABLE DELTA	AUSABLE MARSH WILDLIFE MANAGEMENT AREA	P		Y		3	2	2	8	Y	Y	DEC will be a partner
481			NY	MORRISONVILLE BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	C	110	MORRISONVILLE BARRENS		P		Y						N	N	DEC
960			NY	RUNWAY PINE BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	BC	44		PLATTSBURGH AIR FORCE BASE	P		N								
961			NY	LANDFILL PINES	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	C	21		PLATTSBURGH AIR FORCE BASE	P		N								
962			NY	BUILDING 9100 BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	PITCH PINE-HEATH BARRENS	G4	S1S2	C	13		PLATTSBURGH AIR FORCE BASE	P		N								
482	Lake Alice/Altona	1	NY	ALTONA FLAT ROCK	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	A	4700	ALTONA FLAT ROCK MACROSITE		P		Y		3	2	3	8	Y	Y	
634	Lake Alice/Altona	1	NY	ALTONA FLAT ROCK	SANDSTONE PAVEMENT BARRENS									P		Y		3	2	3	8	Y	Y	
963			NY	JONES POINT WILLSBORO	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	CD	10	JONES POINT WILLSBORO	ADIRONDACK PARK	P		N								
483	The Gulf	1	NY	CANNON CORNERS FLAT ROCK	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	BC	50	CANNON CORNERS FLATROCK		P		Y		3	2	3	8	Y	Y	With Nature Conservancy of Canada
484	The Gulf	1	NY	GADWAY ROAD FLAT ROCK	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	A	750	GADWAY ROAD FLATROCK	GADWAY SANDSTONE PAVEMENT BARRENS PRESERVE	P		Y		3	2	3	8	Y	Y	With Nature Conservancy of Canada
964	Lake Alice/Altona	1	NY	OLENA ROAD BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	D	55	OLENA ROAD BARRENS		P		N		3	2	3	8	Y	Y	
485	Black/Indian River Lakes	1	NY	BUZZARDS BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	SANDSTONE PAVEMENT BARRENS	G2?	S1	B	140	BUZZARDS BARRENS		P		Y		3	3	2	8	Y	YM	U.S.F.W.S, State, Land Trust
486			NY	LIMERICK CEDARS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	A	596	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	P		Y								
635			NY	LIMERICK CEDARS	CALCAREOUS PAVEMENT BARRENS									P		Y								
636			NY	LIMERICK CEDARS	CALCAREOUS PAVEMENT BARRENS									P		Y								
637			NY	LIMERICK CEDARS	CALCAREOUS PAVEMENT BARRENS									P		Y								
487			NY	LIMERICK GAME FARM ROAD	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	C	60	LIMERICK GAME FARM ROAD SITE		P		Y								
965			NY	LIMERICK GAME FARM ROAD	CALCAREOUS PAVEMENT BARRENS									P		N								
488			NY	BURNT ROCK BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	AB	39	BURNT ROCK BARRENS	ASHLAND FLATS WILDLIFE MANAGEMENT AREA	P		Y		2	1	3	5	N	N	DEC (TNC)
638			NY	BURNT ROCK BARRENS	CALCAREOUS PAVEMENT BARRENS									P		Y								
489	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	A	822	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	P		Y		3	2	3	8	Y	Y	
639	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CALCAREOUS PAVEMENT BARRENS									P		Y		3	2	3	8	Y	Y	
640	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	CALCAREOUS PAVEMENT BARRENS									P		Y		3	2	3	8	Y	Y	
490	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	AB	699	THREE MILE CREEK ROAD BARRENS		P		Y								
641	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	CALCAREOUS PAVEMENT BARRENS									P		Y								
642	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	CALCAREOUS PAVEMENT BARRENS									P		Y								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
491	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	AB	1664	LUCKY STAR ALVAR		P		Y								
643	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	CALCAREOUS PAVEMENT BARRENS									P		Y								
492			NY	CROWN POINT	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	C	15	CROWN POINT	CROWN POINT STATE HISTORIC SITE	P		Y		1	1	3	5	N	N	NY State Parks
493	(Jefferson County Alvar)	0	NY	SAM ADAMS ROAD WOODS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	C	36	SAM ADAMS ROAD WOODS		P		Y								
966	(Jefferson County Alvar)	0	NY	SAM ADAMS ROAD WOODS	CALCAREOUS PAVEMENT BARRENS									P		N								
967	Lake Alice/Altona	1	NY	CHAZY BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	D	40	CHAZY BARRENS		P		N		3	2	3	8	Y	Y	
494			NY	WADDINGTON CEDAR ROCK FLATS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	CALCAREOUS PAVEMENT BARRENS	G3	S1S2	BC	100	WADDINGTON CEDAR ROCK FLATS		P		Y						Y	N	
495			NY	LIMERICK CEDARS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	B	93	LIMERICK CEDARS	LIMERICK CEDARS PRESERVE	P		Y								
496			NY	VALCOUR ISLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	A	450	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
497			NY	LIMERICK GAME FARM ROAD	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	280	LIMERICK GAME FARM ROAD SITE		P		Y								
498	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	A	780	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	P		Y		3	2	3	8	Y	Y	
499	(Jefferson County Alvar)	0	NY	SAM ADAMS ROAD WOODS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	165	SAM ADAMS ROAD WOODS		P		Y								
644	(Jefferson County Alvar)	0	NY	SAM ADAMS ROAD WOODS	LIMESTONE WOODLAND									P		Y								
500	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	750	THREE MILE CREEK ROAD BARRENS		P		Y								
645	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	LIMESTONE WOODLAND									P		Y								
501			NY	BURNT ROCK BARRENS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	135	BURNT ROCK BARRENS	ASHLAND FLATS WILDLIFE MANAGEMENT AREA	P		Y								
502			NY	PORT HENRY RAILROAD	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	B	130	PORT HENRY RAILROAD SITE	ADIRONDACK PARK	P		Y						Y	N	
503	Bald Mountain	1	NY	WARNER HILL	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	B	70	SOUTHERN LAKE CHAMPLAIN VALLEY		P		Y		3	2	3	8	Y	YM	
646	Bald Mountain	1	NY	WARNER HILL	LIMESTONE WOODLAND									P		Y		3	2	3	8	Y	YM	
504			NY	FORT TICONDEROGA	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	100	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		Y		1	1	3	5	Y	N	Trust
505			NY	FRENCH CREEK CLAYTON ESCARPMENT	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	65	FRENCH CREEK CLAYTON	FRENCH CREEK WILDLIFE MANAGEMENT AREA	P		Y		1	1	3	5	N	N	DEC
506	Lake Alice/Altona	1	NY	LAKE ALICE	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	40	LAKE ALICE	LAKE ALICE WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	Y	
507	Lake Alice/Altona	1	NY	LAKE ALICE WOODS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	18	LAKE ALICE	LAKE ALICE WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	Y	
508			NY	WILLSBORO POINT	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	450	LIGONIER POINT/WILLSBORO POINT	ADIRONDACK PARK	P		Y								
509	Ausable Delta	2	NY	WILLSBORO BAY SHORE	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	B	425	WILLSBORO BAY SHORE	ADIRONDACK PARK	P		Y								
510	Bouquet Mountain	1	NY	SPLIT ROCK MOUNTAIN	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	A	52	COON MOUNTAIN-SPLIT ROCK MOUNTAIN	ADIRONDACK PARK	P		Y		2	3	2	7	Y	Y	
511			NY	JONES POINT WILLSBORO	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	B	70	JONES POINT WILLSBORO	ADIRONDACK PARK	P		Y						Y	Y	Done
512	Lake Alice/Altona	1	NY	CHAZY BARRENS	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	140	CHAZY BARRENS		P		Y		3	2	3	8	Y	Y	
513	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	AB	1520	LUCKY STAR ALVAR		P		Y								
514	Fort Drum	1	NY	BONAPARTE SWAMP	LIMESTONE WOODLAND	LIMESTONE WOODLAND	LIMESTONE WOODLAND	G3G4	S2S3	BC	60			P		Y		3	1	3	7	Y	YM	Dept. of Defense
515	Bald Mountain	1	NY	WARNER HILL	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	G3G4	S3	A	40	SOUTHERN LAKE CHAMPLAIN VALLEY	EAST BAY WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	YM	
516	Fort Drum	1	NY	BONAPARTE SWAMP	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	G3G4	S3	B	10		BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
517	Fort Drum	1	NY	BONAPARTE SWAMP	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	CALCAREOUS TALUS SLOPE WOODLAND	G3G4	S3	B	15		BONAPARTE SWAMP PRESERVE	P		Y		3	1	3	7	Y	YM	Dept. of Defense
518			NY	ANTHONYS NOSE PUTNAM	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	G4	S3	B	4	LAKE GEORGE MEGASITE	ADIRONDACK PARK	P		Y		1	1	3	5	N	N	
519	Ausable Delta	2	NY	TREMBLEAU MOUNTAIN	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	G4	S3	B	25	MT TREMBLEAU	ADIRONDACK PARK	P		Y								
520			NY	BULWAGGA MOUNTAIN	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	G4	S3	B	10		ADIRONDACK PARK	P		Y		1	2	2	5	Y	N	

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN_ PORTFOLIO	PORTFOLIO_ STATUS	BIODIVERSITY_ RANK	URGENCY/_ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR_ ACTION?	COMMENTS
521			NY	CHENEY MOUNTAIN	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	G4	S3	AB	50		ADIRONDACK PARK	P		Y		1	2	2	5	Y	N	
522	Bouquet Mountain	1	NY	BOQUET MOUNTAINS	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	PITCH PINE-OAK-HEATH ROCKY SUMMIT	G4	S3	B	15		ADIRONDACK PARK	P		Y		2	3	2	7	Y	Y	
523			NY	PORT HENRY RAILROAD	RED CEDAR ROCKY SUMMIT	RED CEDAR ROCKY SUMMIT	RED CEDAR ROCKY SUMMIT	G3G4	S3	AB	50	PORT HENRY RAILROAD SITE	ADIRONDACK PARK	P		Y						Y	N	
524	Bouquet Mountain	1	NY	SPLIT ROCK MOUNTAIN	RED CEDAR ROCKY SUMMIT	RED CEDAR ROCKY SUMMIT	RED CEDAR ROCKY SUMMIT	G3G4	S3	A	135	COON MOUNTAIN-SPLIT ROCK MOUNTAIN	ADIRONDACK PARK	P		Y		2	3	2	7	Y	Y	
525			NY	VALCOUR ISLAND	NORTHERN WHITE CEDAR ROCKY SUMMIT	NORTHERN WHITE CEDAR ROCKY SUMMIT	NORTHERN WHITE CEDAR ROCKY SUMMIT	G3G4	S3	AB	1	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
968			NY	GOLF COURSE CLUBHOUSE	NORTHERN WHITE CEDAR ROCKY SUMMIT	NORTHERN WHITE CEDAR ROCKY SUMMIT	NORTHERN WHITE CEDAR ROCKY SUMMIT	G3G4	S3	BC	2		PLATTSBURGH AIR FORCE BASE	P		N								
969			NY	CROWN POINT	SUCCESSIONAL RED CEDAR WOODLAND	SUCCESSIONAL RED CEDAR WOODLAND	SUCCESSIONAL RED CEDAR WOODLAND	G5	S5	B	40	CROWN POINT	CROWN POINT STATE HISTORIC SITE	P		N		1	1	3	5	N	N	NY State Parks
970			NY	CHAMPLAIN VALLEY ESSEX	SUCCESSIONAL RED CEDAR WOODLAND	SUCCESSIONAL RED CEDAR WOODLAND	SUCCESSIONAL RED CEDAR WOODLAND	G5	S5	AB	240	CHAMPLAIN VALLEY FARM EASEMENTS	ADIRONDACK PARK	P		N								
526			NY	MOUNT DEFIANCE	APPALACHIAN OAK-HICKORY FOREST	APPALACHIAN OAK-HICKORY FOREST	APPALACHIAN OAK-HICKORY FOREST	G4G5	S4	AB	525	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		Y						Y	N	
971			NY	LONG SAULT ISLANDS	MAPLE-BASSWOOD RICH MESIC FOREST	MAPLE-BASSWOOD RICH MESIC FOREST	MAPLE-BASSWOOD RICH MESIC FOREST	G4	S2S3	BC	140	LONG SAULT ISLANDS		P		N								
527			NY	PITCAIRN FOREST	MAPLE-BASSWOOD RICH MESIC FOREST	MAPLE-BASSWOOD RICH MESIC FOREST	MAPLE-BASSWOOD RICH MESIC FOREST	G4	S2S3	A	15250	PITCAIRN FOREST	ADIRONDACK PARK	P		Y						Y	Y	
528	Lake Alice/Altona	1	NY	LAKE ALICE WOODS	HEMLOCK-NORTHERN HARDWOOD FOREST	HEMLOCK-NORTHERN HARDWOOD FOREST	HEMLOCK-NORTHERN HARDWOOD FOREST	G4G5	S4	B	1320	LAKE ALICE	LAKE ALICE WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	Y	
972			NY	CHIPPEWA CREEK PLAINS	SUCCESSIONAL SOUTHERN HARDWOODS	SUCCESSIONAL SOUTHERN HARDWOODS	SUCCESSIONAL SOUTHERN HARDWOODS	G5	S5	B	85		JACQUES CARTIER STATE PARK	P		N								
529	Ausable Delta	2	NY	AUSABLE DELTA	SAND BEACH	SAND BEACH	SAND BEACH	G5	S5	A	27	AUSABLE DELTA	ADIRONDACK PARK	P		Y		3	2	2	8	Y	Y	DEC will be a partner
973			NY	PLATTSBURGH MUNICIPAL BEACH	GREAT LAKES DUNES	GREAT LAKES DUNES	GREAT LAKES DUNES	G3G4	S1S2	CD	16	CUMBERLAND BAY WETLANDS/PLATTSBURGH BEACH		P		N								
974			NY	PLATTSBURGH MUNICIPAL BEACH	GREAT LAKES DUNES									P		N								
975			NY	PLATTSBURGH MUNICIPAL BEACH	GREAT LAKES DUNES									P		N								
530	Brasher State Forest	1	NY	BRASHER FALLS	RIVERSIDE ICE MEADOW	RIVERSIDE ICE MEADOW	RIVERSIDE ICE MEADOW	G2G3	S1	BC	1	BRASHER FALLS		P		Y		2	2	2	6	Y	N	State
531	Ausable Delta	2	NY	AUSABLE RIVER SAND BAR	RIVERSIDE SAND/GRAVEL BAR	RIVERSIDE SAND/GRAVEL BAR	RIVERSIDE SAND/GRAVEL BAR	G5	S5	A	1	AUSABLE DELTA	ADIRONDACK PARK	P		Y		3	2	2	8	Y	Y	DEC will be a partner
532	Ausable Delta	2	NY	TREMBLEAU MOUNTAIN	SHORELINE OUTCROP	SHORELINE OUTCROP	SHORELINE OUTCROP	G5	S5	B	5	MT TREMBLEAU	ADIRONDACK PARK	P		Y								
533			NY	TWIN HILL	SHORELINE OUTCROP	SHORELINE OUTCROP	SHORELINE OUTCROP	G5	S5	B	15	HEADLANDS	ADIRONDACK PARK	P		Y								
534			NY	VALCOUR ISLAND	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	A	30	VALCOUR ISLAND	VALCOUR ISLAND PRIMITIVE AREA	P		Y						Y	Y	
535	Ausable Delta	2	NY	AUSABLE CHASM	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	AB	0	AUSABLE CHASM	ADIRONDACK PARK	P		Y		1	2	3	6	Y	Y	
536			NY	WILLSBORO POINT	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	B	3	LIGONIER POINT/WILLSBORO POINT	ADIRONDACK PARK	P		Y								
537			NY	CROWN POINT	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	BC	5	CROWN POINT	CROWN POINT STATE HISTORIC SITE	P		Y								
538			NY	JONES POINT WILLSBORO	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	BC	4	JONES POINT WILLSBORO	ADIRONDACK PARK	P		Y						Y	Y	Done
539			NY	SCHUYLER ISLAND	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	B	2	SCHUYLER ISLAND	ADIRONDACK PARK	P		Y						N	N	DEC
540			NY	WHETSTONE GULF	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	CALCAREOUS SHORELINE OUTCROP	G3G4	S3?	BC	12	WHETSTONE GULF	WHETSTONE GULF STATE PARK	P		Y						Y	Y	
541	Ausable Delta	2	NY	AUSABLE CHASM	COBBLE SHORE	COBBLE SHORE	COBBLE SHORE	G4G5	S4	B	3	AUSABLE CHASM	ADIRONDACK PARK	P		Y		1	2	3	6	Y	Y	
542			NY	SCHUYLER ISLAND	COBBLE SHORE	COBBLE SHORE	COBBLE SHORE	G4G5	S4	A	11	SCHUYLER ISLAND	ADIRONDACK PARK	P		Y						N	N	DEC
543	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	ALVAR GRASSLAND	ALVAR GRASSLAND	ALVAR GRASSLAND	G2	S1	A	25	CHAUMONT BARRENS	CHAUMONT BARRENS PRESERVE	P		Y		3	2	3	8	Y	Y	
647	(Jefferson County Alvar)	0	NY	CHAUMONT BARRENS	ALVAR GRASSLAND									P		Y		3	2	3	8	Y	Y	
544	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	ALVAR GRASSLAND	ALVAR GRASSLAND	ALVAR GRASSLAND	G2	S1	AB	53	LUCKY STAR ALVAR		P		Y								
648	(Jefferson County Alvar)	0	NY	LUCKY STAR ALVAR	ALVAR GRASSLAND									P		Y								

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
545	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	ALVAR GRASSLAND	ALVAR GRASSLAND	ALVAR GRASSLAND	G2	S1	AB	96	THREE MILE CREEK ROAD BARRENS		P		Y								
649	(Jefferson County Alvar)	0	NY	THREE MILE CREEK ROAD BARRENS	ALVAR GRASSLAND									P		Y								
546	Ausable Delta	2	NY	AUSABLE CHASM	CLIFF COMMUNITY	CLIFF COMMUNITY	CLIFF COMMUNITY	G5	S4	B	50	AUSABLE CHASM	ADIRONDACK PARK	P		Y		1	2	3	6	Y	Y	
547			NY	BULWAGGA MOUNTAIN	CLIFF COMMUNITY	CLIFF COMMUNITY	CLIFF COMMUNITY	G5	S4	B	5		ADIRONDACK PARK	P		Y		1	2	2	5	Y	N	
548			NY	THE NARROWS	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	G4	S3S4	BC	3	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		Y						N	N	DEC
549	Bald Mountain	1	NY	WARNER HILL	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	G4	S3S4	AB	20	SOUTHERN LAKE CHAMPLAIN VALLEY	EAST BAY WILDLIFE MANAGEMENT AREA	P		Y		3	2	3	8	Y	YM	
550			NY	LOWER ROAD CLIFFS PUTNAM	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	CALCAREOUS CLIFF COMMUNITY	G4	S3S4	B	20	SOUTHERN LAKE CHAMPLAIN VALLEY	ADIRONDACK PARK	P		Y								
551			NY	INMAN GULF	SHALE CLIFF AND TALUS COMMUNITY	SHALE CLIFF AND TALUS COMMUNITY	SHALE CLIFF AND TALUS COMMUNITY	G4	S3?	AB	180	INMAN GULF		P		Y						Y	Y	With DEC
552			NY	FOUR BROTHERS ISLANDS	SHALE CLIFF AND TALUS COMMUNITY	SHALE CLIFF AND TALUS COMMUNITY	SHALE CLIFF AND TALUS COMMUNITY	G4	S3?	BC	3	FOUR BROTHERS ISLANDS	FOUR BROTHERS ISLANDS PRESERVE	P		Y		1	1	3	5	Y	N	DONE (Audubon)
553	Ausable Delta	2	NY	TREMBLEAU MOUNTAIN	ROCKY SUMMIT GRASSLAND	ROCKY SUMMIT GRASSLAND	ROCKY SUMMIT GRASSLAND	G3G4	S2S3	BC	2	MT TREMBLEAU	ADIRONDACK PARK	P		Y								
976			NY	CHIPPEWA CREEK PLAINS	SUCCESSIONAL OLD FIELD	SUCCESSIONAL OLD FIELD	SUCCESSIONAL OLD FIELD	G4	S4	B?	100			P		N								
977			NY	CHIPPEWA CREEK PLAINS	SUCCESSIONAL SHRUBLAND	SUCCESSIONAL SHRUBLAND	SUCCESSIONAL SHRUBLAND	G4	S4	B	166			P		N								
554			NY	FORT DRUM TRAINING AREA 7 OLIPHANT HILL	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	G4?	S2?	AB	500		FORT DRUM MILITARY RESERVATION	P		Y								
555			NY	FORT DRUM TRAINING AREA 4/5 WHEELER AIRFIELD GRASS	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	SUCCESSIONAL NORTHERN SANDPLAIN GRASSLAND	G4?	S2?	AB	2200	FORT DRUM WHEELER AIRFIELD	FORT DRUM MILITARY RESERVATION	P		Y								
MATRIX BLOCKS WITH NO EOs																								
	Beaver Pond Brook	1	NY															1	3	1	5	Y	N	Matrix Block 301, no EOs. NCC will be a partner.
	Boyd Pond	1	NY															1	2	2	5	Y	N	Matrix Block 311, no EOs. Was combined with 310 (Stammer Creek for analysis at 5-28-02 meeting
	Chase Lake	1																3	2	2	7	Y	YM	Matrix Blocks 317 (Chase Lake), 319 (Lyonsdale) and 319 (Miller Brook), none with EOs, were all considered together at 5-28-02 meeting
	Lyonsdale	1																3	2	2	7	Y	YM	Matrix Blocks 317 (Chase Lake), 319 (Lyonsdale) and 319 (Miller Brook), none with EOs, were all considered together at 5-28-02 meeting
	Miller Brook	1																3	2	2	7	Y	YM	Matrix Blocks 317 (Chase Lake), 319 (Lyonsdale) and 319 (Miller Brook), none with EOs, were all considered together at 5-28-02 meeting
	North Croghan	1	NY															2	1	3	6	Y	YM	Matrix Site 314, no EOs, considered together with 309 at 5-28-02 meeting
	Mud Hollow Brook	2																1	3	2	6	N	N	Matrix Block 203, no EOs
	Pitcairn	2	NY															2	1	3	6	Y	YM	Matrix Site 309, no EOs, considered together with 314 at 5-28-02 meeting

APPENDIX F2
St. Lawrence-Champlain Valley Ecoregion
Draft Portfolio for Animals, Plants, and Natural Communities

UNIQ_ID	MATRIX BLOCK NAME	TIER LEVEL	STATE	SURVEY SITE NAME	GNAME (Global Name)	UPDATED SNAME (State Name)	GCOMNAME (Global Common Name)	GRANK	SRANK	EORANK	SIZE	SITE NAME	MANAGED AREA NAME	TARGET	VIABLE	EOR IN PORTFOLIO	PORTFOLIO STATUS	BIODIVERSITY RANK	URGENCY/ THREAT	FEASIBILITY	SCORE	TNC LEAD?	10-YEAR ACTION?	COMMENTS
	Stammer Creek	2	NY															1	2	2	5	Y	N	Matrix Block 310, no EOs, was considered with 311 at 5-28-02 meeting

APPENDIX F3
Aquatic Portfolio by Site Name

quatic Portfolio Report as of 5/24/2002: Northeast Lake Ontario (48_14), Lake Champlain/St. Lawrence (63_1), and NW Adirondacks (63_4) Ecological Drainage Units

PORTHUC SITE ID	Ecological Drainage Unit	8-Digit Watershed Name	Aquatic Site Name	SYS4	SYS3	SYS2	SYS1	Size 2 Watershed Land Cover/Road Rank within System Type (1=best)	Size 2 Watershed Dams and DWS Rank within System Type (1=best)	Size 2 Watershed Point Source Rank within System Type (1=best)	Aquatic Ecoregional Team Portfolio Code	Ecoregion	Subsections	Subsection/Type Hunt Portfolio Code	Biodiversity Rank	Urgency/Threat	Feasibility	Score
3	Lake Champlain 63_1	Ausable Watershed	Ausable Delta								PORT-L	STL	212Ec	Y				
4	Lake Champlain 63_1	Ausable Watershed	Ausable River, East Branch			2_5		1	1	4	PORT-S1	NAP	M212Dc,M212Df					
5	Lake Champlain 63_1	Ausable Watershed	Ausable River, West Branch			2_5		3	4	3	PORT-S1	NAP	M212Dc,M212Df					
101	Lake Champlain 63_1	Ausable Watershed	Bouquet River, Size 2			2_5		4	2	5	PORT-S1c	STL, NAP	212Ec,M212Dc,M212De,M212Df	Y				
20	Lake Champlain 63_1	Ausable Watershed	Bouquet River, Size 3		3_5						PORT-S1c	STL	212Ec	Y				
32	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Corbeau Creek				1				PORT-S1c	STL	212Ea,212Eb	Y				
102	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Great Chazy River, Size 2			2_8		1	1	1	PORT-S1c	STL, NAP	212Ea,212Eb,M212Dc	Y				
42	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Great Chazy River, Size 3		3_6						PORT-S1c	STL	212Ea	Y				
48	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Kings Bay								PORT-L	STL	212Ea	Y				
73	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Point Au Roche Swamp								PORT-L	STL	212Ec	Y				
79	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Riley Brook				1				PORT-S1	STL	212Ea,212Ec	Y?				
85	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Saranac River, North Branch			2_6		1	2	1	PORT-S1c	NAP	M212Dc					
84	Lake Champlain 63_1	Great Chazy-Saranac Watershed	Saranac River, Size 3		3_4						PORT-S1c	STL, NAP	212Ec,M212Dc	N				
8	Lake Champlain 63_1	Lake George Watershed	Beebe Pond								PORT-L?	LNE	221Bb					
23	Lake Champlain 63_1	Lake George Watershed	Burr Pond								PORT-L?	LNE	221Bb					
25	Lake Champlain 63_1	Lake George Watershed	Castleton River			2_3		6	6	5	PORT-S1c	LNE	221Bb,M212Cb					
116	Lake Champlain 63_1	Lake George Watershed	Castleton River Tributaries				1				PORT-S1c	LNE	M212Cb					
31	Lake Champlain 63_1	Lake George Watershed	Coot Hill Tributary				1				PORT-S1	STL	212Ec	Y				
36	Lake Champlain 63_1	Lake George Watershed	Glen Lake								PORT-L?	LNE	221Bb					
43	Lake Champlain 63_1	Lake George Watershed	Hinkum Pond								PORT-L?	LNE	221Bb					
44	Lake Champlain 63_1	Lake George Watershed	Hubbardton River			2_4		5	9	3	PORT-S1c	LNE	221Bb,221Bc					
117	Lake Champlain 63_1	Lake George Watershed	Hubbardton River Tributaries				1				PORT-S1c	LNE	221Bb					
47	Lake Champlain 63_1	Lake George Watershed	Indian River Tributary, Flower Brook				1				PORT-S1	LNE	M212Cb					
103	Lake Champlain 63_1	Lake George Watershed	Poultney River, Size 2			2_3		6	6	5	PORT-S1c	LNE	221Bb,221Bc,M212Cb	Y				
74	Lake Champlain 63_1	Lake George Watershed	Poultney River, Size 3		3_3						PORT-S1c	STL, NAP, LNE	212Ec,221Bc,M212De	Y				
89	Lake Champlain 63_1	Lake George Watershed	Poultney River, South Brook				1				PORT-S1c	LNE	M212Cb					
80	Lake Champlain 63_1	Lake George Watershed	Root Pond								PORT-L?	LNE	221Bc	Y?				
92	Lake Champlain 63_1	Lake George Watershed	Sunset Lake								PORT-L?	LNE	221Bb					
1	Lake Champlain 63_1	Lamoille Watershed	Allen Brook				1				PORT-S1	STL	212Ec					
50	Lake Champlain 63_1	Lamoille Watershed	Lake Champlain, Trout Brook				1				PORT-S1	STL	212Ec					
104	Lake Champlain 63_1	Lamoille Watershed	Lamoile River,Brown River			2_3		4	2	3	PORT-S1c	STL	212Ed	Y				

APPENDIX F3
Aquatic Portfolio by Site Name

quatic Portfolio Report as of 5/24/2002: Northeast Lake Ontario (48_14), Lake Champlain/St. Lawrence (63_1), and NW Adirondacks (63_4) Ecological Drainage Units

PORTHUC SITE ID	Ecological Drainage Unit	8-Digit Watershed Name	Aquatic Site Name	SYS4	SYS3	SYS2	SYS1	Size 2 Watershed Land Cover/Road Rank within System Type (1=best)	Size 2 Watershed Dams and DWS Rank within System Type (1=best)	Size 2 Watershed Point Source Rank within System Type (1=best)	Aquatic Ecoregional Team Portfolio Code	Ecoregion	Subsections	Subsection/Type Hunt Portfolio Code	Biodiversity Rank	Urgency/Threat	Feasibility	Score
118	Lake Champlain 63_1	Lamoille Watershed	Lamoile River,Brown River Tributaries				1				PORT-S1c	STL, NAP	212Ed,M212Ca	Y				
57	Lake Champlain 63_1	Lamoille Watershed	Lamoille River, N. Branch			2_2		1	1	1	PORT-S1c	NAP	M212Ca					
119	Lake Champlain 63_1	Lamoille Watershed	Lamoille River, N. Branch Tributaries				1				PORT-S1c	NAP	M212Ca					
105	Lake Champlain 63_1	Lamoille Watershed	Lamoille River, Size 2			2_1		2	4	5	PORT-S1c	NAP	M212Ba,M212Ca					
56	Lake Champlain 63_1	Lamoille Watershed	Lamoille River, Size 3		3_1						PORT-S1c	STL, NAP	212Ec,212Ed,M212Ca	Y				
61	Lake Champlain 63_1	Lamoille Watershed	Long Lake, VT								PORT-L	STL	212Ec	Y				
81	Lake Champlain 63_1	Lamoille Watershed	Round Pond								PORT-L	STL	212Ec	Y				
99	Lake Champlain 63_1	Lamoille Watershed	Wolcott Pond								PORT-L?	NAP	M212Ba					
64	Lake Champlain 63_1	Missisquoi Watershed	Missisquoi River		3_1		1				PORT-S2c	STL	212Ec,212Ed	Y,N				
65	Lake Champlain 63_1	Missisquoi Watershed	Missisquoi River, Tyler Branch			2_3		1	4	4	PORT-S2c	STL	212Ed	Y				
97	Lake Champlain 63_1	Missisquoi Watershed	VT Unnamed Pond # 52/ Swanton Oxbow								PORT-L	STL	212Ec	Y				
7	Lake Champlain 63_1	Otter Watershed	Baker Brook				1				PORT-S1	NAP	M212Ca					
51	Lake Champlain 63_1	Otter Watershed	Lake Dunmore								PORT-L	STL	212Ec	Y				
59	Lake Champlain 63_1	Otter Watershed	Lewis Creek			2_4		2	1	5	PORT-S1c	STL	212Ec,212Ed	Y, N				
121	Lake Champlain 63_1	Otter Watershed	Lewis Creek Tributaries				1				PORT-S1c	STL	212Ec,212Ed	Y?, N				
30	Lake Champlain 63_1	Otter Watershed	Otter River, Cold River			2_9		1	1	2	PORT-S1c	LNE, NAP	M212Cb,M212Cd					
120	Lake Champlain 63_1	Otter Watershed	Otter River, Cold River Tributaries				1				PORT-S1c	NAP	M212Cd					
58	Lake Champlain 63_1	Otter Watershed	Otter River, Lemon Fair			2_4		3	2	1	PORT-S1c	STL	212Ec					
62	Lake Champlain 63_1	Otter Watershed	Otter River, Middlebury River			2_9		2	1	1	PORT-S1c	STL, NAP	212Ec,M212Ca					
136	Lake Champlain 63_1	Otter Watershed	Otter River, Size 2			2_9		4	3	4	PORT-S1c	LNE	M212Cb					
71	Lake Champlain 63_1	Otter Watershed	Otter River, Size 3		3_2						PORT-S1c	STL, LNE	212Ec,M212Cb					
98	Lake Champlain 63_1	Otter Watershed	Winona Lake								PORT-L	STL	212Ed	Y				
12	Lake Champlain 63_1	St. Francois Watershed	Black River - to Lake Memphremagog			2_1		3	1	1	PORT-S1c	NAP	M212Ba,M212Ca					
54	Lake Champlain 63_1	St. Francois Watershed	Lake Willoughby								PORT-L	NAP	M212Ae,M212Ae					
86	Lake Champlain 63_1	St. Francois Watershed	Seymour Lake								PORT-L	NAP	M212Af,M212Ba					
6	Lake Champlain 63_1	Winooski Watershed	Austin Brook				1				PORT-S1	NAP	M212Ca					
33	Lake Champlain 63_1	Winooski Watershed	Crossett Brook				1				PORT-S1			Y?				
35	Lake Champlain 63_1	Winooski Watershed	Dog River			2_1		5	2	6	PORT-S1	NAP	M212Ba,M212Ca					
122	Lake Champlain 63_1	Winooski Watershed	Dog River Tributaries				1				PORT-S1	NAP	M212Ca					
52	Lake Champlain 63_1	Winooski Watershed	Lake Iroquois								PORT-L	STL	212Ed	Y				
87	Lake Champlain 63_1	Winooski Watershed	Shelburne Pond								PORT-L	STL	212Ec	Y				
88	Lake Champlain 63_1	Winooski Watershed	Shephard Brook				1				PORT-S1	NAP	M212Ca					
11	Northeastern Lake Ontario 48_14	Black Watershed	Black River Mainstem	4	3_11						PORT-S1c	NLP, STL	212Ee,222Ob,222Pa	Y				

APPENDIX F3
Aquatic Portfolio by Site Name

quatic Portfolio Report as of 5/24/2002: Northeast Lake Ontario (48_14), Lake Champlain/St. Lawrence (63_1), and NW Adirondacks (63_4) Ecological Drainage Units

PORTHUC SITE ID	Ecological Drainage Unit	8-Digit Watershed Name	Aquatic Site Name	SYS4	SYS3	SYS2	SYS1	Size 2 Watershed Land Cover/Road Rank within System Type (1=best)	Size 2 Watershed Dams and DWS Rank within System Type (1=best)	Size 2 Watershed Point Source Rank within System Type (1=best)	Aquatic Ecoregional Team Portfolio Code	Ecoregion	Subsections	Subsection/Type Hunt Portfolio Code	Biodiversity Rank	Urgency/Threat	Feasibility	Score
13	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Beaver River		3_11						PORT-Sxc?	STL, NAP	222Ob,M212Db	Y?				
14	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Beaver River Black Creek Tributary				1				PORT-Sxc?	STL	222Ob	Y?				
16	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Deer River			2_20		1	2	1	PORT-S1c	STL, NAP	222Ob,M212Fb	Y				
17	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Independence River			2_21		1	1	3	PORT-S1c	STL, NAP	222Ob,M212Db	N				
107	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Moose River Size 2			2_22		1	1	1	PORT-S1c?	NAP	M212Db,M212Dd	Y				
18	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Moose River Size 3		3_11						PORT-S1c	STL, NAP	222Ob,M212Db,M212Dd	Y				
19	Northeastern Lake Ontario 48_14	Black Watershed	Black River, Whetstone Creek				1				PORT-S1c	STL, NAP	222Ob,M212Fb	Y				
28	Northeastern Lake Ontario 48_14	Chaumont-Perch Watershed	Chaumont River			2_16		1	2	3	PORT-S1c	STL	212Ee	Y?				
123	Northeastern Lake Ontario 48_14	Chaumont-Perch Watershed	Chaumont River Tributary				1				PORT-S1c	STL	212Ee	Y?				
72	Northeastern Lake Ontario 48_14	Chaumont-Perch Watershed	Perch River			2_16		2	3	1	PORT-S2c	STL, NLP	212Ee,222Pa	N				
124	Northeastern Lake Ontario 48_14	Chaumont-Perch Watershed	Perch River Tributary				1				PORT-S2c	STL, NLP	212Ee,222Pa	N				
96	Northeastern Lake Ontario 48_14	Chaumont-Perch Watershed	Upper Perch Lake								PORT-L	STL	212Ee	Y				
27	Northwest Adirondack 63_4	English-Salmon Watershed	Chateaugay River			2_11		6	6	6	PORT-N?	STL	212Eb	Y				
82	Northwest Adirondack 63_4	English-Salmon Watershed	Salmon River		3_0						PORT-Sxc	STL	212Ea,212Eb	N				
83	Northwest Adirondack 63_4	English-Salmon Watershed	Salmon River, Little Salmon River			2_12		3	2	2	PORT-S1c	STL	212Ea	N				
26	Northwest Adirondack 63_4	Grass Watershed	Cedar Lake								PORT-L	STL	212Eb,212Ee	Y				
133	Northwest Adirondack 63_4	Grass Watershed	Grass River, Elm Creek				1				PORT-S1c	STL	212Eb,212Ee	N				
39	Northwest Adirondack 63_4	Grass Watershed	Grass River, Little River			2_12		4	3	5	PORT-S1c	STL	212Ea,212Eb	Y?				
38	Northwest Adirondack 63_4	Grass Watershed	Grass River, Mainstem Size 3		3_7						PORT-S1c	STL	212Ea,212Eb,212Ee	Y				
40	Northwest Adirondack 63_4	Grass Watershed	Grass River, North Branch			2_10		3	1	4	PORT-S1c	STL, NAP	212Eb,M212Da	Y				

APPENDIX F3
Aquatic Portfolio by Site Name

quatic Portfolio Report as of 5/24/2002: Northeast Lake Ontario (48_14), Lake Champlain/St. Lawrence (63_1), and NW Adirondacks (63_4) Ecological Drainage Units

PORTHUC SITE ID	Ecological Drainage Unit	8-Digit Watershed Name	Aquatic Site Name	SYS4	SYS3	SYS2	SYS1	Size 2 Watershed Land Cover/Road Rank within System Type (1=best)	Size 2 Watershed Dams and DWS Rank within System Type (1=best)	Size 2 Watershed Point Source Rank within System Type (1=best)	Aquatic Ecoregional Team Portfolio Code	Ecoregion	Subsections	Subsection/Type Hunt Portfolio Code	Biodiversity Rank	Urgency/Threat	Feasibility	Score
110	Northwest Adirondack 63_4	Grass Watershed	Grass River, South Branch Size 2			2_10		8	1	6	PORT-S1c	STL, NAP	212Eb,M212Da,M212Dc	Y				
93	Northwest Adirondack 63_4	Grass Watershed	Grass River, Tanner Creek			2_13		2	1	3	PORT-S1c	STL	212Ee	Y				
125	Northwest Adirondack 63_4	Grass Watershed	Grass River, Tanner Creek Tributary				1				PORT-S1c	STL	212Ee	Y				
60	Northwest Adirondack 63_4	Grass Watershed	Little River, Canton Pond								PORT-S1c	STL	212Ea	Y?				
9	Northwest Adirondack 63_4	Indian Watershed	Black Creek/Jewett Creek			2_14		2	2	3	PORT-S1c	STL	212Ea,212Ee	Y				
10	Northwest Adirondack 63_4	Indian Watershed	Black Lake/Black Creek Lake								PORT-S1c	STL	212Ea,212Ee	Y, N				
15	Northwest Adirondack 63_4	Indian Watershed	Black River, Black Creek				1				PORT-S1c	STL, NAP	222Ob,M212Db	Y?				
24	Northwest Adirondack 63_4	Indian Watershed	Butterfield Lake								PORT-L?	STL	212Ee					
112	Northwest Adirondack 63_4	Indian Watershed	Indian River Size 2			2_13		1	3	2	PORT-S1c	STL	212Ee,222Ob	Y				
46	Northwest Adirondack 63_4	Indian Watershed	Indian River Size 3		3_9						PORT-S1c	STL	212Ee	Y				
66	Northwest Adirondack 63_4	Indian Watershed	Mud Lake Diana								PORT-L	STL	212Ee	Y				
129	Northwest Adirondack 63_4	Indian Watershed	Otter Creek				1				PORT-S1c?	STL	212Ee	N				
68	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Cranberry Lake to Chaumont Pond			2_10		2	7	9	PORT-S1c	NAP	M212Db,M212Dc					
131	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Hawkins Creek				1				PORT-S1c?	STL	212Ee	N				
135	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Mainstem	4							PORT-S1c	STL	212Ea	Y, N				
69	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Middle Branch			2_10		6	3	3	PORT-S1c	STL, NAP	222Ob,M212Db					
130	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Sawyer Creek				1				PORT-S1c?	STL	212Ee	N				
67	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, Size 3		3_9						PORT-S2c	STL, NAP	212Ea,212Eb,212Ee,M212Db	Y, N				
70	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, West Branch			2_10		6	3	3	PORT-S1c	STL, NAP	212Ee,222Ob,M212Db	N				
137	Northwest Adirondack 63_4	Oswegatchie Watershed	Oswegatchie River, West Branch Size 3		3_9						PORT-S1c	STL	212Ee	N				

APPENDIX F3
Aquatic Portfolio by Site Name

quatic Portfolio Report as of 5/24/2002: Northeast Lake Ontario (48_14), Lake Champlain/St. Lawrence (63_1), and NW Adirondacks (63_4) Ecological Drainage Units

PORTHUC SITE ID	Ecological Drainage Unit	8-Digit Watershed Name	Aquatic Site Name	SYS4	SYS3	SYS2	SYS1	Size 2 Watershed Land Cover/Road Rank within System Type (1=best)	Size 2 Watershed Dams and DWS Rank within System Type (1=best)	Size 2 Watershed Point Source Rank within System Type (1=best)	Aquatic Ecoregional Team Portfolio Code	Ecoregion	Subsections	Subsection/Type Hunt Portfolio Code	Biodiversity Rank	Urgency/Threat	Feasibility	Score
95	Northwest Adirondack 63_4	Oswegatchie Watershed	Twin Ponds								PORT-L	STL	212Ee	Y				
100	Northwest Adirondack 63_4	Oswegatchie Watershed	Yellow Lake								PORT-L	STL	212Ee	Y				
75	Northwest Adirondack 63_4	Raquette Watershed	Raquette River	4	3_8		1				PORT-Sxc	STL, NAP	212Ea,212Eb,M212Da,M212Dc,M212Dd	N				
76	Northwest Adirondack 63_4	Raquette Watershed	Raquette River, Jordan River			2_11		1	1	1	PORT-S1c	NAP	M212Da					
77	Northwest Adirondack 63_4	Raquette Watershed	Raquette River, Lake Raquette to Long Lake			2_10		4	4	2	PORT-S1c	NAP	M212Dc,M212Dd					
78	Northwest Adirondack 63_4	Raquette Watershed	Raquette River, Round Lake Outlet to Tupper Lake			2_10		7	5	5	PORT-S1c	NAP	M212Dc					
34	Northwest Adirondack 63_4	St. Regis Watershed	Deer River			2_11		4	2	2	PORT-N?	STL	212Ea,212Eb	Y				
126	Northwest Adirondack 63_4	St. Regis Watershed	Deer River Tributary				1				PORT-N?	STL	212Ea,212Eb	Y				
134	Northwest Adirondack 63_4	St. Regis Watershed	St Regis River, East Branch			2_11		4	2	2	PORT-S1c	NAP	M212Da					
114	Northwest Adirondack 63_4	St. Regis Watershed	St. Regis River, Size 2			2_11		4	2	2	PORT-S1c	NAP	M212Da,M212Dc					
90	Northwest Adirondack 63_4	St. Regis Watershed	St. Regis River, Size 3		3_7						PORT-S1c	STL, NAP	212Ea,212Eb,M212Da	N				
91	Northwest Adirondack 63_4	St. Regis Watershed	St. Regis River, West Branch			2_11		2	3	3	PORT-S1c	STL, NAP	212Ea,212Eb,M212Da	N				
94	Northwest Adirondack 63_4	St. Regis Watershed	Trout Brook			2_12		1	1	4	PORT-S1c	STL	212Eb	Y?				
127	Northwest Adirondack 63_4	St. Regis Watershed	Trout Brook Tributary				1				PORT-S1c	STL	212Eb	Y?				
2		St. Lawrenence Shore	America Narrows								PORT-L	STL		Y				
21		St. Lawrenence Shore	Brockville								PORT-L	STL		Y				
29		St. Lawrenence Shore	Chippewa Bay								PORT-L	STL, NLP		Y				
37		St. Lawrenence Shore	Goose Bay								PORT-L	STL		Y				
45		St. Lawrenence Shore	Indian Chief Shoals								PORT-L	STL		Y				
53		St. Lawrenence Shore	Lake of the Isles								PORT-L	NLP	222Pa	Y				
49			Lake Champlain								PORT-S1c	STL, LNE	212Ea,212Ec,221Bc	Y				

APPENDIX G: U.S. Ten-Year Action Sites by State

This document is available from The Nature Conservancy's New York State Office, Vermont State Office, or Conservation Science Support in Boston.