

Planning Template for Preparing a Stewardship Plan for Natural Areas

Stewardship Plan for the Property of [Harvey Lakeland Cottage Owners Association \(HLCOA\)](#).

This stewardship plan is for the 20-year period from January 1, [2018](#) to December 31, [2037](#) with activities described for the 10-year period from January 1, [2018](#) to December 31, [2027](#).

A 5-year progress report to be prepared by July 31, [2022](#).

Update Section 9 - Report of Activities Completed annually to support the preparation of 5-year progress reports.

The stewardship plan is to be updated and renewed every 10-years, due July 31, [2027](#).

Notice of Collection of Personal Information

The Ministry of Natural Resources and Forestry (MNRF) is collecting information in this application, under the authority of Section 9 of the Ontario Regulation 282/98 of the *Assessment Act*, for the purposes of administering the Managed Forest Tax Incentive Program (MFTIP) including communications with you and the Municipal Property Assessment Corporation. Any information that you submit as part of this application may be shared between other MNRF programs. Any personal information you provide will be protected in accordance with the *Freedom of Information and Protection of Privacy Act*. Questions regarding the use of your personal information should be directed to the MFTIP Administrator, Integration Branch, 300 Water Street, Peterborough ON K9J 8M5. Telephone: 1-855-866-3847.

Section 1. Property Owner Information

1.1 Registered property owner

Last Name Harvey Lakeland Cottage Owners Association		First Name	Middle Initial
Unit Number	Street Number 37	Street Name Hall Crescent	PO Box
City/Town Buckhorn		Province ON - Ontario	Postal Code K0L 1J0
Home Telephone Number 905-251-1286		Work Telephone Number	Fax Number
Email hlcoapresident@gmail.com			

1.2 Plan author information

Last Name Woodley		First Name Tim	Middle Initial
Unit Number	Street Number 37	Street Name Hall Crescent	PO Box
City/Town Buckhorn		Province ON - Ontario	Postal Code K0L 1J0
Home Telephone Number 705-657-7740		Work Telephone Number	Fax Number
Email hlcoaforest@gmail.com			

Section 2. Property Location Information

2.1 Property location

Roll number (19 digits)	Property Description (municipality, lot, concession)	Area	Area Unit
15 42 010 001 09150 0000	Galway-Cavendish and Harvey Township, PLAN M51, BLK A, TWP. LOT 15, CON. 11	14.72	acres
15 42 010 001 09180 0000	Galway-Cavendish and Harvey Township, PLAN M52, BLK C LESS PT 2, 45R3462, TWP. LOT 14, CON. 11	31.59	acres
15 42 010 001 09190 0000	Galway-Cavendish and Harvey Township, PLAN M53, BLK G, TWP. LOT 13, CON. 11	14.44	acres
15 42 010 001 09318 0000	Galway-Cavendish and Harvey Township, PLAN M53, BLK I & H, PLAN M54, BLK N & M, PLAN M55, BLK Q, & R & O, PLAN M56, BLK S LESS PT 4, 45R3462, TWP. LOTS 13 AND 14, CON. 11	123.50	acres
15 42 010 001 09340 0000	Galway-Cavendish and Harvey Township, PLAN M54, BLK K, PLAN M56, BLK T, TWP. LOT 13, CON. 11	11.70	acres
15 42 010 001 09370 0000	Galway-Cavendish and Harvey Township, PLAN M53, BLK J, PLAN M54, BLK L, PLAN M55, BLK P, TWP. LOTS 13 AND 14, CON. 11	41.24	acres

2.2 Federal, provincial and local policies and regulations

Any development near water requires prior consultation with the Ministry of Natural Resources and Forestry.

The Endangered Species Act is applicable with specific reference at this time to Butternut trees that are in good health. Three trees have been located: one on property #09340 (near lots #114 and #115) and two on property #09318 (one near lots #99 and #100; one near lot #106).

Provincial Green Belt and Oak Ridges Moraine policies are not applicable.

The invasive, non-native species Zebra mussel [*Dreissena polymorpha*] has been observed on or near the properties (last observed in 2005). The following threatened species were observed on or near the properties: Red-shouldered Hawk [*Buteo lineatus*] (1980), Rusty Crayfish [*Orconectus rusticus*] (1975) and A Lichen [*Lecanora chlorophaeodes*] (1984).

None of the properties is eligible for Conservation Land designation:

#09150 - Not eligible CL#17-5012N

#09180 - Not eligible CL#17-5013N

#09190 - Not eligible CL#17-5014N

#09318 - Not eligible CL#17-5015N

#09340 - Not eligible CL#17-5016N

#09370 - Not eligible CL#17-5017N

Section 3. Property History

3.1 Past activities

The HLCOA Commonland property was formerly owned by a lumber company. Selective logging may have occurred prior to 1975. A residential subdivision was created in 1978 consisting of 117 one acre lots leaving Commonland area of 247.8 acres of woodlot.

The Commonland has been managed under the MFTIP since July 1998. Selective tree cutting and/or logging has been carried out on approximately 121.5 acres of this area under the guidance of a forest consultant. Additional trees have since been selectively marked by the consultant for cutting.

A trail system has been developed throughout the forests providing HLCOA Members with opportunities for nature appreciation and wildlife sightings. Hazardous trees have been noted and removed along trails (and used for firewood). Several forestry educational opportunities have been offered and enjoyed by the Members.

The Commonland property is known, or believed, to be host to endangered species, specifically: several living Butternut trees have been noted and protected, possibly the Red-shouldered hawk and 'Restricted Species' that are also threatened by black-market illegal trade and thus cannot be publicly named.

3.2 The surrounding landscape

The HLCOA Commonland property is bordered on the north by Little Bald Lake and Big Bald Lake and on the south by Sandy Lake. Marshes and lowlands account for approximately 28% of the Commonland. This contributes to maintaining the water table of the area and enhancing wildlife habitat.

Section 4. Property Maps

Refer to Appendix A. The map should provide an overview of your property and show its relationship to adjacent areas. The map is not fillable. Map should be hand drawn to scale. Please speak to your resource management consultant for more information.

Section 5. Landowner Objectives

5.1 Your general objectives

For the next 20 years, indicate how important the objective is to you. Rank only those which apply to you.

Management objective	How important is this objective to you?				
	Least important 1	2	3	4	Most important 5
Environmental protection					✓
Forest products					
Investment		✓			
Recreation					✓
Wildlife				✓	
Nature appreciation				✓	

5.2 Details about your property level objectives

In your own words, explain why each of the objectives is important.

Environmental protection

HLCOA Members have a desire to protect the environment for the enjoyment of themselves and future generations, including: providing a healthy forest to absorb carbon dioxide from the atmosphere, preventing land erosion, controlling ground water run off to surrounding lakes, and providing refuge for wild animals, birds and amphibians.

Forest products

Investment

Members have an interest in maintaining the value of properties within the neighbourhood.

Recreation

Members are interested in maintaining their health and fitness levels. An extensive trail network provides opportunities for trail hiking / walking, cross-country skiing, and snow shoeing.

Wildlife

Members enjoy seeing and co-existing with birds, mammals and amphibians. Maintaining a healthy wildlife habit enhances opportunities for wildlife observation.

Nature appreciation

Members are generally nature enthusiasts. Maintaining and supporting healthy forests and waters supports opportunities for nature appreciation.

Other

5.3 How will you achieve your objectives?

Environmental protection: Annually inspect compartments for evidence of insect and disease infestation and control any outbreak as necessary. Maintain forest cover adjacent to lakes and creeks and the open area of wetlands to help protect the shorelines and preserve water quality. Bring down trees as needed to promote new growth and diversity. Place limitations and seasonal restrictions on the use of motorized recreational vehicles to protect trees and vegetation. Seek professional advice as needed to address any concerns.

Investment: Protecting the environment and providing recreational, wildlife and nature appreciation opportunities will help maintain the property values in the neighbourhood.

Recreation: Maintain existing trails for hiking and the use of motorized recreational vehicles. Limit the use of motorized recreational vehicles to designated sections of the trail network to facilitate access to, and activities on, the waterfronts. Extend the trail network to provide hiking access around the perimeter of the Commonland.

Wildlife: Engage Members in observing, monitoring and reporting the presence of wildlife. Promote a diverse structure of forest through the creation of snags and downed woody debris and where these are lacking by promoting the development of ground plant and shrub layer. Create habitat by providing duck boxes and osprey nests and by preserving cavity trees. Conduct annual wildlife and habitat interpretation sessions for Members.

Nature Appreciation: Identify points of interest along the trail network and provide annual guided tours to promote education and enjoyment of nature. Complete the construction of a boardwalk to enable viewing of the marshland on Sandy Lake. Review, and where possible, consolidate existing signage to balance nature aesthetics with the informational and safety needs of Members.

Section 6. Detailed Property Map

Refer to Appendix B. Divide the property into compartments and indicate them on the map. The map is not fillable. Map should be hand drawn to scale. Please speak to your resource management consultant for more information.

Section 7. Getting to Know Your Property

Check all that apply: ☒ Upland ☒ Wetland

Section 7A. Getting to know your upland areas

Upland Compartment 1

7A.1 Compartment number/name

Compartment number/name

1 - Mixed Forest

Area

134.03

Area Unit

acres

7A.2 Compartment characteristics

Soil type

- ☐ light (generally sand)
☒ medium (generally loam)
☐ heavy (generally clay)

Stony

- ☒ yes
☐ no

Accessibility

- ☒ year-round
☐ seasonal

Soil depth

- ☒ very shallow (less than 15 cm)
☐ shallow (between 15 and 30 cm)
☐ moderate to deep (greater than 30 cm)

Topography

- ☐ flat
☒ gently rolling
☐ steep

Drainage

- ☒ well drained
☐ moderate
☐ poor

Additional information

7A.3 Compartment history

The Compartment was logged prior to 1975 and has since been re-established. In 1978, the land was subdivided into building lots with approximately 66% held in common by the HLCOA Members and maintained in its natural state.

In 2009, some additional, limited logging was conducted with horses used to remove the trees. The wood was sold for firewood.

7A.4 Inventory

Choose one that applies: ☒ The compartment is dominated by trees

☐ The compartment has few trees

If you are planning a harvest or other intensive forest management activities, a detailed inventory is recommended. Please use the Enhanced Inventory form - Enhanced Forest Inventory and Harvest Plan. Refer to Section 7 of the Guide to Stewardship Planning for Natural Areas.

Forested compartment description

Much woody debris on forest floor	☒ yes	☐ no
Good diversity of understory plants	☒ yes	☐ no
Signs of grazing or other disturbance	☐ yes	☒ no
Good regeneration of seedlings/saplings	☒ yes	☐ no
Trees generally younger	☐ yes	☒ no
Trees generally older growth	☒ yes	☐ no
Trees generally the same age	☒ yes	☐ no
Trees of all size and ages	☐ yes	☒ no

Tree species found		Percent (%) Total should add to 100%		
Hard Maple		60		
Red Oak		30		
Other		10		
Total Percentage (%)		100		
Estimated height of trees	Unit	Average diameter at breast height	Unit	Estimated age of majority of trees
30.00	metres	30.00	centimetres	110

General cover type determination:

☐ coniferous forest	☒ deciduous forest	☐ mixed forest
☐ coniferous plantation	☐ deciduous plantation	☐ mixed plantation

7A.5 Wildlife

If you are interested in the wildlife in this compartment, fill in the table below. If you are managing this compartment specifically for wildlife, or if the compartment contains unique habitat or species, you may want to use the Enhanced Inventory Form – Getting to Know the Wildlife, which allows for a more detailed inventory. List the species that you have observed or have seen signs of (e.g., white-tailed deer - tracks often seen along the edge of creek). Make sure that you note any vulnerable, threatened, or endangered species.

Species	Observation
See attached	

7A.6 Upland objectives

Long-term objectives (What do you want this compartment to be like in 20 years?)

Through the ongoing, thoughtful stewardship and dedication of Members, in 20 years the Commonland will continue to be a source of pride and enjoyment.

The Mixed Forest compartment of the Commonland will consist of a variety of species of healthy trees and vegetation along with abundant woody debris, snags and cavity trees. This natural habitat will support and encourage many species of amphibians, mammals and birds.

A trail network runs through parts of the mixed forest in the interior and around the perimeter of the Commonland. This provides access for Members to appreciate nature while monitoring and reporting on the presence of wildlife and the health of the forests and wildlife habitat. The trails also provide opportunities for Members to maintain their health and fitness levels. Limited use of motorized vehicles on designated sections of the trail facilitate access to the waterfront.

Short-term activities (What activities, if any, do you have planned in this compartment over the next 10 years that will help reach your long-term objectives?)

Over the next 10 years, the Members will conduct regular inspections for evidence of insect or disease infestation and seek professional advice on actions necessary to control any outbreak. The health of areas re-naturalized along Sandy Lake in 2017 will be monitored. Trees will be felled as needed, using best management practices, to promote new growth / diversity and for reasons of safety and ease of passage along trails. Trees felled will be assessed to determine if they should be left to contribute to wildlife habit and environmental protection or removed for firewood or other uses.

Members will be engaged in observing, monitoring and reporting the presence of wildlife. Guided tours and education sessions will be conducted for Members to assist them with these tasks.

Trails will be maintained for hiking and the limited use of motorized recreational vehicles. Use of motorized recreational vehicles on trails will be monitored for compliance with HLCOA Regulations to ensure protection of the trees and vegetation. The trail network will be extended to provide hiking access around the perimeter of the Commonland. Construction will be completed on a boardwalk to enable viewing of the marshland on Sandy Lake.

Conservation land designation

Eligible for Conservation Land Tax Incentive Program? ☐ yes ☒ no ☐ don't know

Type of conservation land

- ☐ provincially significant wetland ☐ provincially significant area of natural & scientific interest
- ☐ habitat of endangered species ☐ Escarpment natural area in the Niagara Escarpment Plan
- ☐ community conservation lands

Other information

Upland Compartment 2

7A.1 Compartment number/name

Compartment number/name

2 - Dry Forest

Area

13.07

Area Unit

acres

7A.2 Compartment characteristics

Soil type

- ☒ light (generally sand)
☐ medium (generally loam)
☐ heavy (generally clay)

Stony

- ☒ yes
☐ no

Accessibility

- ☒ year-round
☐ seasonal

Soil depth

- ☒ very shallow (less than 15 cm)
☐ shallow (between 15 and 30 cm)
☐ moderate to deep (greater than 30 cm)

Topography

- ☐ flat
☐ gently rolling
☒ steep

Drainage

- ☒ well drained
☐ moderate
☐ poor

Additional information

7A.3 Compartment history

Limited selective logging in the past but no recent activity.

7A.4 Inventory

Choose one that applies: ☒ The compartment is dominated by trees

☐ The compartment has few trees

If you are planning a harvest or other intensive forest management activities, a detailed inventory is recommended. Please use the Enhanced Inventory form - Enhanced Forest Inventory and Harvest Plan. Refer to Section 7 of the Guide to Stewardship Planning for Natural Areas.

Forested compartment description

- | | | |
|---|---|--|
| Much woody debris on forest floor | ☒ yes | ☐ no |
| Good diversity of understory plants | ☐ yes | ☒ no |
| Signs of grazing or other disturbance | ☐ yes | ☒ no |
| Good regeneration of seedlings/saplings | ☐ yes | ☒ no |
| Trees generally younger | ☐ yes | ☒ no |
| Trees generally older growth | ☒ yes | ☐ no |
| Trees generally the same age | ☒ yes | ☐ no |
| Trees of all size and ages | ☐ yes | ☒ no |

Tree species found		Percent (%) Total should add to 100%		
White Pine		35		
Hemlock		30		
Oak		20		
Other		15		
Total Percentage (%)		100		
Estimated height of trees 10.00	Unit metres	Average diameter at breast height 25.00	Unit centimetres	Estimated age of majority of trees 70

General cover type determination:

- ☐ coniferous forest
 ☐ deciduous forest
 ☒ mixed forest
☐ coniferous plantation
 ☐ deciduous plantation
 ☐ mixed plantation

7A.5 Wildlife

If you are interested in the wildlife in this compartment, fill in the table below. If you are managing this compartment specifically for wildlife, or if the compartment contains unique habitat or species, you may want to use the Enhanced Inventory Form – Getting to Know the Wildlife, which allows for a more detailed inventory. List the species that you have observed or have seen signs of (e.g., white-tailed deer - tracks often seen along the edge of creek). Make sure that you note any vulnerable, threatened, or endangered species.

Species	Observation
See attached	

7A.6 Upland objectives

Long-term objectives (What do you want this compartment to be like in 20 years?)

Same as Upland Compartment 1 - Mixed Forest above.

Short-term activities (What activities, if any, do you have planned in this compartment over the next 10 years that will help reach your long-term objectives?)

Same as Upland Compartment 1 - Mixed Forest above.

Conservation land designation

Eligible for Conservation Land Tax Incentive Program? ☐ yes ☒ no ☐ don't know

Type of conservation land

- ☐ provincially significant wetland
 ☐ provincially significant area of natural & scientific interest
☐ habitat of endangered species
 ☐ Escarpment natural area in the Niagara Escarpment Plan
☐ community conservation lands

Other information

Section 7B. Getting to know your wetland areas

Wetland Compartment 1

7B.1 Compartment number/name

Compartment number/name

3 - Wet Forest

Area

68.49

Area Unit

acres

7B.2 Compartment characteristics

Soil type

☒ muck ☐ peat ☐ silt ☐ marl ☐ sand

Main source of water

☐ creek ☒ runoff ☐ natural pond/lake ☐ snow melt
☐ spring ☐ tile drain ☐ groundwater seepage ☐ other

Accessibility

☒ year-round ☐ seasonal

7B.3 Compartment history

☐ flooded year-round ☐ human-made impoundment ☐ wetland has been evaluated by OMNR
☐ flooded spring only ☐ beaver impoundment ☐ average yearly water level _____
☐ dries mid-summer ☒ water at or near ground level

Wetland name and class

Additional information

Natural drainage was reduced when the subdivision roads were built.

Characteristics in order of decreasing acreage:

- Water at or near ground level: Properties #09180 (large part), #09190, #09318 (large part of Block H)
- Flooded year-round: Properties #09150, #09180 (small part), #09318 (small part of Block H), #09370
- Flooded spring only: Property #09318 (Blocks I, M, N, R, S)
- Dries mid-summer: Property #09318 (Block O)

7B.4 Inventory

Choose one that applies:

Trees and shrubs cover ☒ more than 25% ☐ less than 25% of this compartment area.

Trees or shrubs cover more than 25%

Most trees are dead	☐ yes	☒ no
Mostly shrubs	☐ yes	☒ no
Good diversity of understory plants	☐ yes	☒ no
Signs of grazing other disturbance	☐ yes	☒ no
Good regeneration of seedling / saplings	☐ yes	☒ no
Trees generally younger	☐ yes	☒ no
Trees generally older growth	☒ yes	☐ no
Trees generally the same age	☒ yes	☐ no
Trees of all size and ages	☐ yes	☒ no

Tree species found	Percent (%) Total should add to 100%
Cedar	50
Hemlock	20
Fir	10
Black Ash	10
White Birch	10
Total Percentage (%) 100	

Estimated height of trees 10.00	Unit metres	Average diameter at breast height 20.00	Unit centimetres	Estimated age of majority of trees 60
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General cover type determination

- ☐ marsh
 ☐ fen
 ☐ bog
 ☐ dead tree swamp
☐ thicket swamp
 ☒ coniferous swamp
 ☐ deciduous swamp
 ☐ mixed swamp

7B.5 Wildlife

If you are interested in the wildlife in this compartment, fill in the table below. If you are managing this compartment specifically for wildlife, or if the compartment contains unique habitat or species, you may want to use the Enhanced Inventory Form – Getting to Know the Wildlife, which allows for a more detailed inventory. List the species that you have observed or have seen signs of (e.g., white-tailed deer - tracks often seen along the edge of creek). Make sure that you note any vulnerable, threatened, or endangered species.

Species	Observation
See attached	

7B.6 Upland objectives

Long-term objectives (What do you want this compartment to be like in 20 years?)

In addition to the long-term objectives described above in the Upland compartments: The Wet Forest compartment of the Commonland will consist of a healthy ground cover adjacent to lakes and creeks and the open area of wetlands. This contributes to the protection of the shorelines and the preservation of water quality.

In contrast to the long-term objectives described above in the Upland compartments: Trails are less feasible and not considered desirable or compatible with a healthy wet forest compartment.

Short-term activities (What activities, if any, do you have planned in this compartment over the next 10 years that will help reach your long-term objectives?)

Over the next 10 years, the Members will conduct regular inspections for evidence of insect or disease infestation and seek professional advice on actions necessary to control any outbreak. Members will be engaged in observing, monitoring and reporting the presence of wildlife. Guided tours and education sessions will be conducted for Members to assist them with these tasks.

Conservation land designation

Eligible for Conservation Land Tax Incentive Program? ☐ yes ☒ no ☐ don't know

Type of conservation land

- ☐ provincially significant wetland ☐ provincially significant area of natural & scientific interest
☐ habitat of endangered species ☐ Escarpment natural area in the Niagara Escarpment Plan
☐ community conservation lands

Other information

Section 8. Planned 10 Year Activity Summary for the Period 2018 - 2027

Compartment	Objective	Activity	Quantity	Year Scheduled
Accountability / Responsibility and Professional Advice	The HLCOA Board of Directors is accountable for all activities listed in the tables below.	The Director - Forests, Director - Trails and Director - Waterfronts, as appropriate, are responsible for leading these activities and engaging HLCOA Members for assistance. The Board will seek professional advice as needed in conducting these activities and to address any concerns that arise.		
1 - Mixed Forest 2 - Dry Forest 3 - Wet Forest	Environmental protection	1. Inspect compartments for insect and disease infestation and take actions necessary to control any outbreak. 2. Become knowledgeable about, monitor and control invasive species (for example, the European Buckthorn shrub). 3. Fell trees as needed to promote new growth and diversity. 4. Place limitations and seasonal restrictions on the use of motorized recreational vehicles to protect trees and vegetation.	1 1 25 - 50 1	Annually Ongoing / Annually Annually Annually

Compartment	Objective	Activity	Quantity	Year Scheduled
	Wildlife	5. Engage Members in a) observing / monitoring and b) reporting the presence of wildlife.	a) b) 1	Ongoing Annually
		6. Become knowledgeable about, monitor and protect "Endangered" and "At Risk" species (for example, the Butternut tree, Red-shouldered hawk, turtles).	1	Ongoing / Annually
		7. Engage Members in promoting a diverse structure of forest through the creation of snags and downed woody debris and where these are lacking by promoting the development of ground plant and shrub layer.	1	Ongoing / Annually
		8. Create habitat by providing a) duck boxes and b) osprey nests and by preserving c) cavity trees.	a) 3 b) 2 c)	2018 2019 Ongoing
	Nature Appreciation	9. Conduct wildlife and habitat interpretation sessions for Members.	1	Annually
		10. Identify points of interest along the trail network.		2018-20
		11. Provide guided tours to promote education and enjoyment of nature.	1	Annually
		12. Complete the construction of a boardwalk to enable viewing of the marshland on Sandy Lake.	275 m	2018-20
		13. Monitor areas along Sandy Lake where re-naturalization was initiated in 2017 and replant trees and shrubs as necessary.	1.8 acres	Annually
		14. Review, and where possible, consolidate existing signage to balance nature aesthetics with the informational and safety needs of Members.		2018
	Investment	Supported by the activities identified in the other objectives.		

Section 10. Contacts and References

Contacts and References

Eleanor Reed, R.P.F., M.F.P.A.
Lands & Forests Consulting
65 Ripley's Way, Kirkfield, ON K0M 2B0
EleanorReed@xplornet.com
705-328-4584

Doug Kennedy, M.F.P.A.
Green Side Up Environmental Services
121 Grassy Road, Omemee, ON K0L 2W0
Doug@GreenServices.ca
705-799-2610

Ontario Ministry of Natural Resources and Forestry - Southern Office
Robinson Place, South Tower, 4th Floor, S
300 Water Street, Peterborough, ON K9J 8M5
mnrfcentral@ontario.ca
1-800-667-1940

Kawartha Lakes Stewards Association
24 Charles Court, Lakefield, ON K0L 2H0
kawarthalakestewards@yahoo.ca

Trent-Severn Waterway
PO Box 567, Peterborough, ON K9J 6Z6
Ont.Trentsevern@pc.gc.ca
705-750-4900

Ontario Woodlot Association
10 Campus Drive, Kemptville, Unit 4 ON K0G 1J0
info@ontariowoodlot.com
613-713-1525

Federation of Ontario Cottagers' Association
#201 - 159 King Street, Peterborough, ON K9J 2R8
info@foca.on.ca
705-749-3622

Additional Notes

Stewardship Plan for Harvey Lakeland Commonland Owners Association

Section 7. Getting to Know Your Property

7A. Getting to know your upland areas / 7B. Getting to know your wetland areas

7A.5 / 7B.5 Wildlife

Legend:	Season	Compartment
	Sp = Spring; S = Summer	M = 1 - Mixed Forest
	F = Fall; AS = All Seasons	D = 2 - Dry Forest
		W = 3 - Wet Forest

Species	Season	Observation Habitat	Compartments
Amphibians			
Frog (Bull)	Sp / S / F	Lake Edge / Swamp Edge	W
Frog (Leopard)	Sp / S / F	Lake Edge / Swamp Edge	W
Frog (Tree)	Sp / S / F	All over	M / W
Salamander (Black)	Sp / S / F	Forest Floor	M / W
Salamander (Brown)	Sp / S / F	Forest Floor	M / W
Snake (various)	Sp / S / F	All over	M / W
Toad	Sp / S / F	Forest Floor	M / W
Turtle (Painted)	Sp / S / F	Lake Edge / Swamp Edge	W
Turtle (Snapping)	Sp / S / F	Lake Edge / Swamp Edge	W
Mammals			
Bats	Sp / S / F	Open Forest	M / D
Bear (Black)	Sp / S / F	Forest	M / W
Beaver	Sp / S / F	Lake Edge	W
Chipmunk	Sp / S / F	Forest Floor	M / D
Coyote	AS	Forest	M / D
Deer (White-Tailed)	AS	Forest	M / W
Fox (Red)	Sp / S / F	Forest	M
Mink	AS	Lake Edge	W
Mole	Sp / S / F	Open Forest	M / W
Mouse (Deer)	Sp / S / F	Open Forest	M / D / W
Muskrat	Sp / S / F	Forest	W
Otter	AS	Lake Edge	W
Porcupine	Sp / S / F	Forest Floor	M / D / W
Raccoon	Sp / S / F	Forest	M / D / W
Skunk	Sp / S / F	Forest	M / W
Squirrel (Black)	AS	Forest	M / D
Squirrel (Grey)	AS	Forest	M / D
Squirrel (Red)	AS	Forest	M / D
Vol	Sp / S / F	Open Forest	M / W
Weasel	AS	Forest	M / W

Species	Season	Observation Habitat	Compartments
Birds			
Blackbird (Red Wing)	Sp / S / F	Swamp Edge	W
Bluebird (Eastern)	Sp / S / F	Forest Edge	M / W
Bobwhite	AS	Forest	M / W
Bunting (Indigo)	S	High Forest	M
Cedar Waxing	F	Forest	M / W
Chickadee	AS	All over	M / D / W
Crow	Sp / S / F	Ground Forest	M / D / W
Dove (Mourning)	AS	Open Ground / Forest	M / W
Duck (Wood)	Sp / S / F	Swamp / Swamp Edge	M / W
Finch (Gold)	AS	All over	M
Finch (House)	AS	All over	M
Finch (Purple)	AS	All over	M
Flicker	AS	High Forest	M / D / W
Fly Catcher	Sp / S / F	Open Forest	M / D / W
Goose (Canada)	Sp / S / F	Swamp Edge / Lake Edge	W
Grosbeak (Evening)	AS	Ground Forest	M
Grosbeak (Rose Breasted)	AS	Ground Forest	M
Hawk (various)	AS	High Forest	M / D
Heron (Great Blue)	Sp / S / F	Swamp Edge / Lake Edge	W
Hummingbird (Ruby Throated)	Sp / S	Ground Forest	M
Junco	SP / W	Forest	M
King Bird	Sp / S	Ground	M
Kingfisher	Sp / S / F	Lake Edge	M / W
Nuthatch (Red Breasted)	AS	High Forest	M
Nuthatch (White Breasted)	AS	High Forest	M
Oriole (Baltimore)	S	Forest	M
Osprey	Sp / S / F	Lake Edge	M / W
Owl (various)	AS	Forest	M / D / W
Partridge (Grey)	AS	Forest	M / W
Red Poll	W	Forest	M
Robin	Sp / S / F	Open Ground	M
Sapsucker (Yellow Bellied)	Sp / S / F	High Forest	M / D / W
Sparrow (various)	AS	All over	M / D / W
Swallow (Tree)	Sp / S	Forest	M / W
Thrasher (Brown)	Sp / S / F	Forest	M / W
Turkey Vulture	AS	All over	M / D / W
Whip-poor-will	Sp / S	Forest	M / W
Wild Turkey	AS	Forest	M / W
Woodpecker (Downy)	AS	High Forest	M / D / W
Woodpecker (Hairy)	AS	High Forest	M / D / W
Woodpecker (Pileated)	AS	High Forest	M / D / W
Wren (House)	Sp / S	Forest	M / W

Habitat Features	Present	Details / Comments	
Snags	Yes	Abundant in swamps	M / D
Cavity trees	Yes	Nesting / roost, feeding escape	M / D
Very tall (supercanopy trees)	Yes		M
Mast Trees (nut or fruit bearing trees)	Yes	Hickory, Beach	M / D
Conifer thickets	Yes		W
Stick nests	Yes	Osprey, Squirrel	M / D / W
Heronry			
Fallen and dead trees	Yes	Woody debris abundant	M / D / W
Den or dug holes	Yes		M / W
Droppings, tracks or other signs			
Wildlife trails			
Deer wintering yard			
Deer bedding area			
Moose aquatic feeding area			
Waterfowl nesting			W
Waterfowl feeding			W
Waterfowl breeding pair habitat			W
Waterfowl brood habitat			W
Snake hibernaculum			
Other food sources (cones, tree saplings, salt licks)	Yes	Bird feeders	M