

St. Lawrence Eastern Lake Ontario Partnership for Regional Invasive Species Management

**Special Note**

*The partners of the SLELO PRISM have identified 24 Priority Conservation Areas on which we conduct early detection surveillance on a two year rotation. This report is to be considered as an addendum to the field reports from 2013 and 2015. The previous reports are attached to the end of this report.*

**2017 Field Survey  
Addendum to  
Little John Wildlife Management Area**



**Figure 1:** Panoramic view of Little John WMA. Photo taken by Alicia Wood.

**SLELO-PRISM Early Detection Surveillance  
June 12-13, 2017**

Report prepared by Alicia Wood and Bryna Daykin, 6/14/2017

**Survey Methods and Observations**

The Little John Wildlife Management Area (WMA) was surveyed in June of 2017 by the SLELO Early Detection team (**Figure 1**). The survey involved examining highly probable areas (HPAs) for invasive terrestrial species. Visual observations were used to find and identify invasive species in the HPAs. The location of each HPA was marked using a handheld Garmin GPSmap 60CSx.



**Figure 2:** HPA 15 dump site. Photo taken by Alicia Wood.

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HPAs 1-4, 6-7, and 9-10 from the 2013 and 2015 field report were resurveyed (**Table 1; Figure 8**). HPAs 5 and 8 from the 2013 survey were no longer deemed HPAs and were removed from the 2017 report. Four new HPAs (12-15) were added based on their likelihood to be areas with high amounts of human traffic (**Figure 8**). HPA 15 has recently been used as a dump site and as such may not be an HPA in the future (**Figure 2**). However, it is important to resurvey this area in the near future as moving topsoil from one location to another facilitates the spread of invasive seeds.

**No ‘Prevention “Watch-list” Species’ were found in the 2017 survey.**

The following ‘Target Management Species’ were found during the field survey (**Table 1**): glossy buckthorn (*Frangula alnus*), and common buckthorn (*Rhamnus cathartica*). In addition to these, the following ‘General Species of Concern’ were found (**Table 1**): coltsfoot (*Tussilago farfara*) and wild parsnip (*Pastinaca sativa*). Additionally, the invasive species lesser periwinkle (*Vinca minor*) was found in the management area.



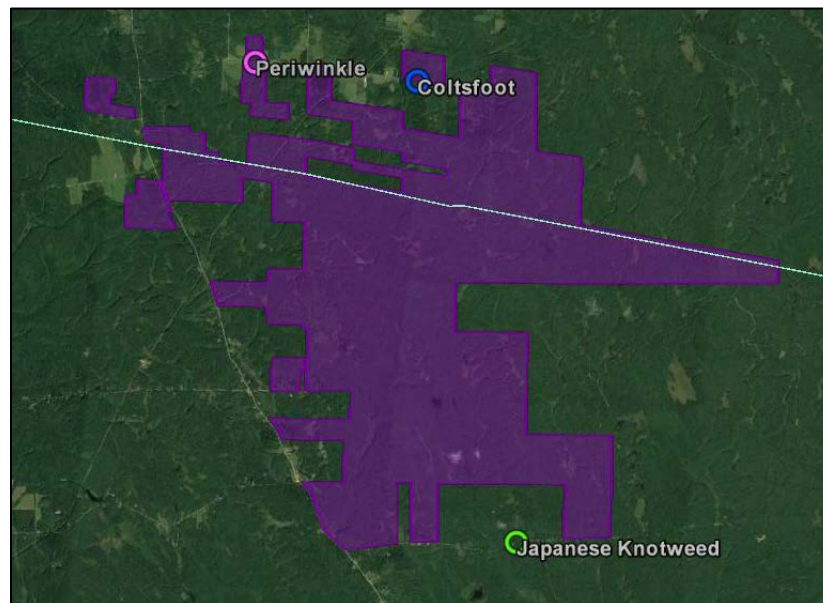
**Figure 3:** The image on the left is Common Buckthorn, the image in the middle is Glossy Buckthorn, the image on the right is Wild Parsnip. Photo taken by Alicia Wood.

Glossy buckthorn was found in a small patch at HPA 7 (**Figure 3**) and a large bush of common buckthorn was found at HPA 14 (**Figure 3**). Patches of wild parsnip were found near the road at HPAs 3 and 9 (**Figure 3**). Coltsfoot was found at HPA 10. In addition to these, invasive species noted in the 2013 and 2015 surveys were found along the perimeter of Little John WMA outside of the HPAs. Japanese knotweed (43.64774°N, 75.85473°W) was found along Little John Drive on private property (**Figure 4; Figure 7**). This could potentially spread in the future to the Little John WMA. Lesser periwinkle (43.71371°N, 75.91640°W) and coltsfoot (43.69792°N, 75.90428°W) were found along route 95 within the Little John WMA



(Figure 4; Figure 5; Figure 6). Phragmites did not return in sites which were chemically treated in 2013. Additional phragmites plants observed in 2015 were not observed in the 2017 survey.

***Phragmites* did not return in sites which were chemically treated in 2013. Additional *phragmites* plants observed in 2015 were not observed in the 2017 survey.**



**Figure 4:** Distribution of Periwinkle, Coltsfoot, and Japanese Knotweed.



**Figure 5:** Periwinkle. Photo taken by Bryna Daykin.



**Figure 6:** Coltsfoot. Photo taken by Alicia Wood.



**Figure 7:** Japanese Knotweed patch. Photo taken by Alicia Wood.

**Table 1:** Descriptions, coordinates, and invasive species sightings at each HPA at Little John WMA. New HPAs terrestrially surveyed for the first time in 2017 are highlighted in yellow. HPAs 5 and 8 are no longer parking areas and are thus no longer considered highly probable areas. HPA 11 is now on private property so was not surveyed.

HPA	Habitat Description	Latitude	Longitude	Invasive Species
1	Logged Area	43.671044	-75.894987	None
2	ATV Disturbance Site	43.670374	-75.877012	None
3	Parking Area	43.645502	-75.881262	Wild Parsnip
4	Parking Area	43.685904	-75.870473	None
6	Parking Area/ Dumping Site	43.706438	-75.867692	None

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7	Trailhead	43.711041	-75.868225	Glossy Buckthorn
9	Trailhead	43.69507	-75.932989	Wild Parsnip
10	Car Turnaround/ Logged Area/ Snowmobile Trailhead	43.69792	-75.90428	Coltsfoot
12	Trailhead	43.64694	-75.87484	None
13	Parking	43.67422	-75.87527	None
14	Parking	43.71275	-75.87328	Common Buckthorn
15	Dumping Site	43.68922	-75.86590	None



**Figure 8:** Survey route of the HPAs in Little John WMA.

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