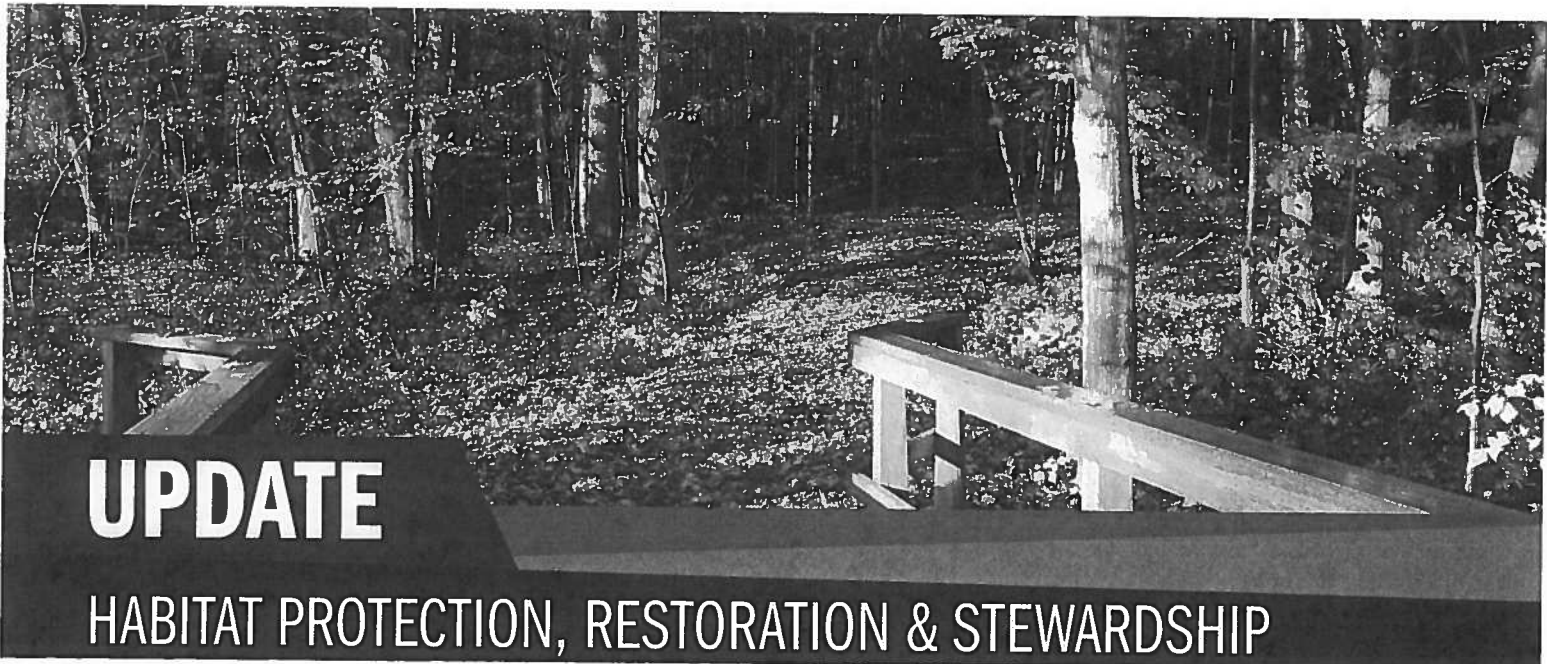


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MEDWAY VALLEY HERITAGE FOREST ENVIRONMENTALLY SIGNIFICANT AREA

City of London - Habitat Protection, Restoration & Stewardship Initiatives - Information Sheet

1. SAR False Rue-anemone Protection and Goutweed Invasive-species Mitigation Project - Ontario Invasive Plant Council / Society for Ecological Restoration AGM presentation by Linda McDougall, City Ecologist/Dillon Consulting in 2014 – project continues in 2015.
2. Phragmites, Knotweed invasive species management done in 2014 & Buckthorn, Phragmites, Knotweed, management confirmed for 2015.
3. Tree-Azin Emerald Ash Borer, Bi-annual Injection Program, 74 Ash trees injected in 2012, 51 surviving Ash trees were injected in 2014, next round in 2016 – London is a leader in protecting Ash trees in natural areas.
4. Two boardwalks, a bridge & ecological restoration work completed in 2014 in north portion of Environmentally Significant Area (ESA).
5. Three groups have adopted portions of the ESA through City's Adopt an ESA program, and are active stewards of the ESA.
6. Public Buckthorn Busting events held in 2013 (video), 2014 and planned for 2015.
7. New and effective ESA signage with QR code links to maps & observation reports installed in 2014 at the ESA access points.
8. Turtle habitat nesting areas created in north in 2014 with Scott Gillingwater of UTRCA as advisor. Habitat will be weeded by Adopt an ESA groups / Friends of Medway Creek going forward to protect the sunny habitat required.
9. Natural Heritage Inventory and Evaluation for Conservation Master Plan. Draft Phase 1 Report is available online. Dillon's Biologist Jen Petruniak MSc. presented the study findings, provided a Q&A session for EEPAC in January 2015, and January 2014 & July 2013 at Community Meetings.

For more information on habitat protection, restoration and stewardship initiatives and opportunities, please contact the City of London Environmental & Parks Planning Section.

CONTACT

Ecologist, Linda McDougall
519-661-2500 ext. 6494
lmcDoug@london.ca

Visit our website: www.london.ca/ESA

UPPER THAMES RIVER
CONSERVATION AUTHORITY



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#4.

SIFTON BOG 2015 THREE SEASON VEGETATION INVENTORY

"DRAFT" TERMS OF REFERENCE

1.0 Purpose

The Sifton Bog ESA Conservation Master Plan 2009-2019 established goals, objectives and specific recommendations and implementation actions to guide management of the Sifton Bog ESA until 2019. One of the most important goals is to conserve and enhance ecological health.

The following Terms of Reference provides an outline of the requirements for the vegetation inventory to be conducted at Sifton Bog.

The purpose of the inventory is to accurately inventory the vegetation composition at Sifton Bog and compare 2015 data with previous inventories. The data will provide further insight into the current vegetation status at Sifton Bog, identify rare or endangered species, identify changing vegetation patterns, and identify what measures may need to be taken to support vegetation health over the long term.

2.0 Scope of Work

Objectives of the study and report are to:

- 1) Confirmatory/refine ELC of all vegetation polygons throughout the Sifton Bog ESA.
- 2) Species lists for each vegetation community over the course of 3 seasons (spring, summer, and fall).
- 3) Continue monitoring the 13 permanent plots established in 1992. These plots consist of a 10m X 10m area in which four vegetation monitoring plots (1m X 1m) are used to conduct the inventory work during the summer.
- 4) Identify aquatic plant composition within Redman's Pond.
- 5) Identify the abundance and density of Common Cattail and Three-way sedge within the Bog.
- 6) Inventory (counts) of orchids and other uncommon or rare plants within the Bog.
- 7) A summary report will include a comparison of results to previous inventories. An analysis of the Floristic Quality Index (FQI). Discussion concerning the current status of Bog vegetation and trends.
- 8) Provide updated ELC Figures and locations of rare or endangered species.