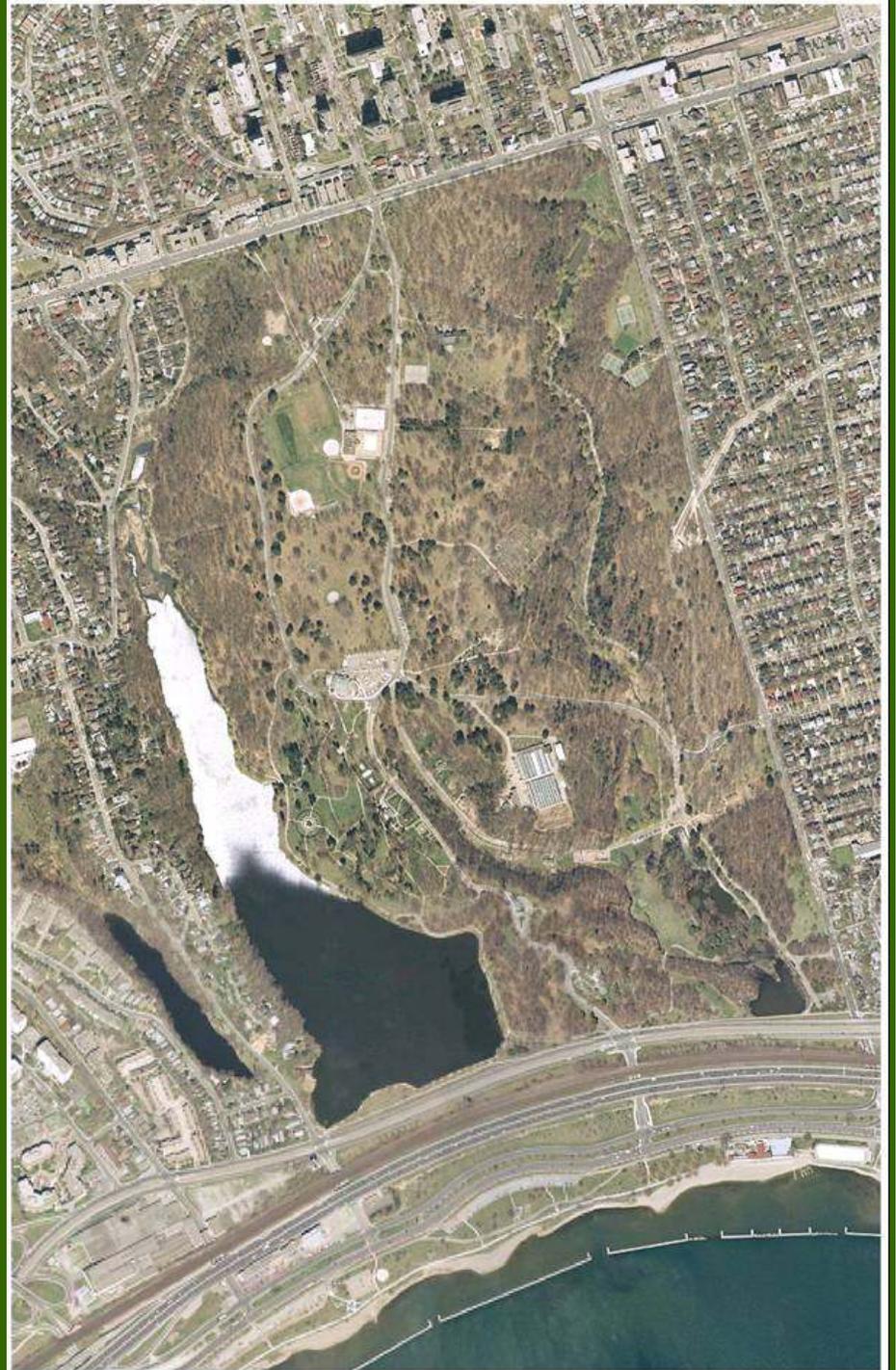
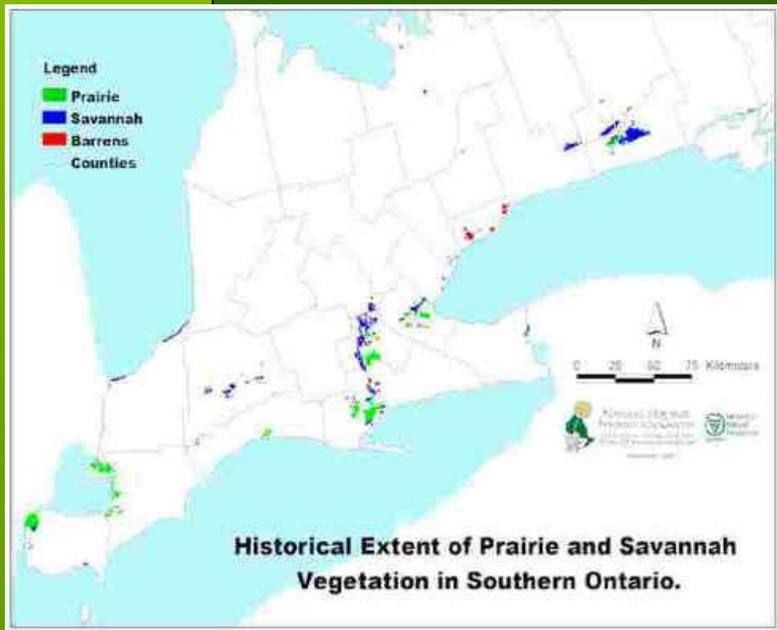
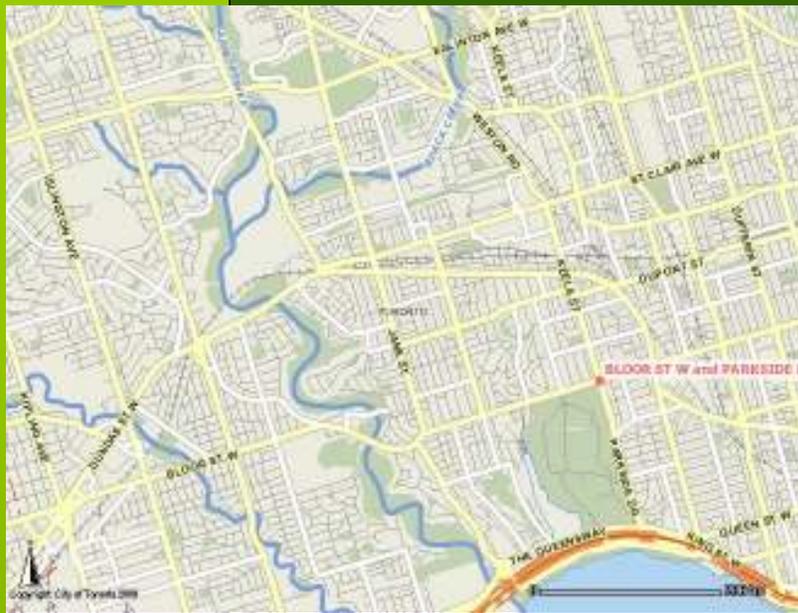


Oak Savannah Restoration in Toronto – A Progress Report



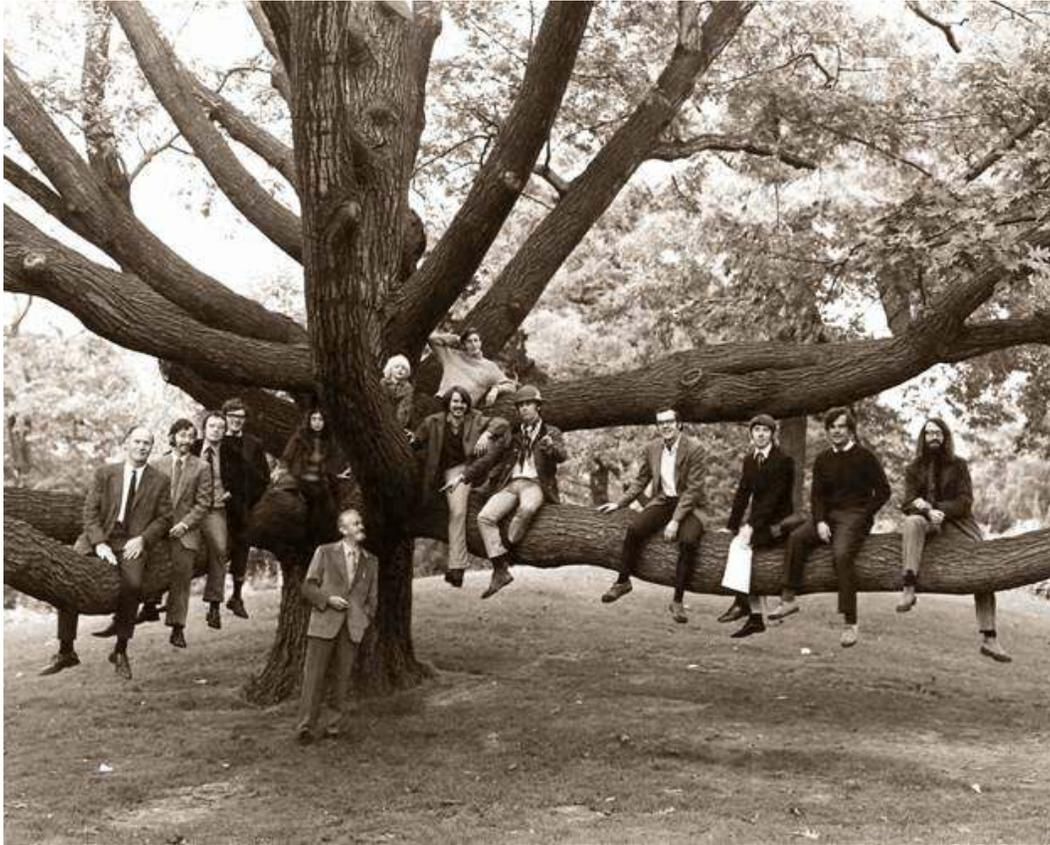






Nationally rare Dry Black Oak – White Oak Tallgrass Woodland

- 4 provincially rare plant species**
- 95 regionally rare plant species**
- 250 migratory bird species**
- 48 current breeding birds**
- 6 butterflies of conservation concern**
- 9 species of mammals**
- 8 amphibians & reptiles**







High Park Volunteer Stewards



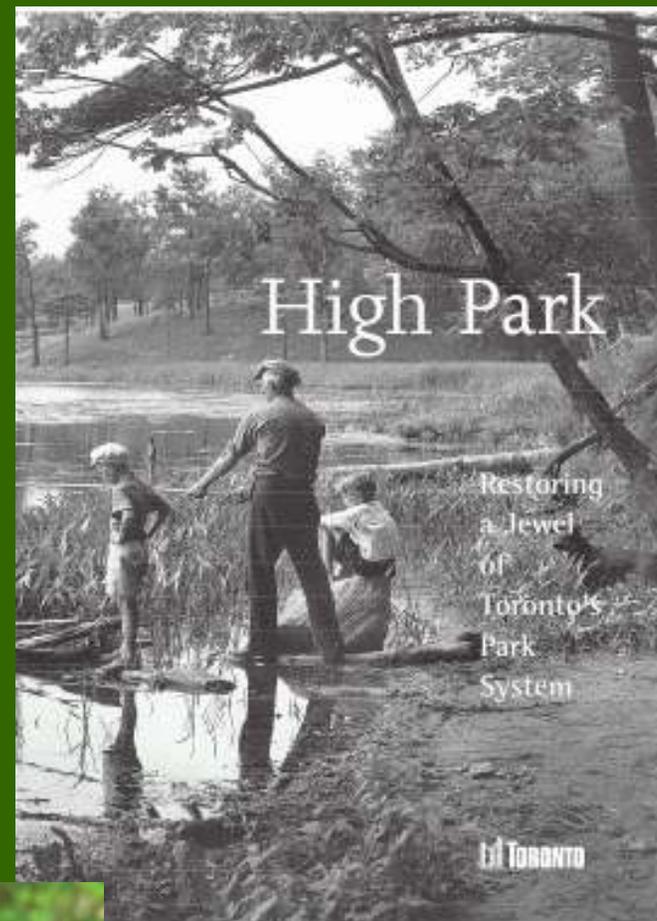
HIGH PARK WOODLAND & SAVANNAH MANAGEMENT PLAN



August 2001

High Park Rare Plant Propagation Manual

Species at Risk Project
March 2008
Charles Kinsley



Rare Plants of the Endangered High Park Black Oak Savannah

A Volunteer Stewardship Program Guidebook

Lands & Forests Consulting



News Release

- Time and place for a public briefing
- Expected start time for the burn; planned duration
- Reason for the prescribed burns
- Description of the burn
- Information to describe the expected smoke
- Warning to individuals with asthma or high sensitivity to smoke
- Suggestion that people keep windows closed on the day of the burn
- The role of the Fire Boss, city staff
- What to expect after the fire



Areas of the Park burned by Year:

1B: 1997/1998, 2003, 2004

1C: 2001, 2003

1D: 2000, 2001, 2002

1E: 2000, 2001, 2005, 2006, 2007

3B: 2000, 2001

7B: 2003, 2006, 2007

7C: 2003

8A: 2002

9A: 2004, 2005

9B: 2001

9C: 2002, 2007

10A: 2000, 2001, 2004

Buckthorn response to burning



Resprouting in 2004

Following burn 2002



Buckthorn response to burning



Dog Strangling Vine (DSV) Response to Burning



Dog Strangling Vine Test Plot – pre burn



DSV emerging before other vegetation



DSV 'wicking' method

Sassafrass Management



Site After Burning



Site after Thinning

Oak Regeneration



Adaptive Management



- Prescribed Burn alone not sufficient

- A mix of complimentary management tools used based on each individual site



- High Park Prescribed Burn Program successful in large part to dedicated 3 person restoration crew

Responses from Native Species





2002

2005-following burn





Key Messages:

- Community support and involvement is crucial to the success of a prescribed burn program
- Develop solid monitoring protocols early in prescribed burn process
- Combine burns with a variety of pre and post burn management activities



www.toronto.ca/trees/ravines.htm