

2009 BioBlitz Summary Report

Introduction

The 2009 Chelsea BioBlitz was held on June 6 & 7, 2009.

Forty-four scientists surveyed four parcels of land in the Municipality of Chelsea, Quebec (Figure 1). A total of 1080 records for 640 species were collected during the 24 hours of the BioBlitz. This represents a phenomenal amount of effort on the part of the taxonomic experts, and it illustrates the richness of biodiversity in Chelsea. Nature Chelsea is very pleased with the results of the BioBlitz, which will help us to better understand the importance of protecting examples of rich habitats in the Municipality of Chelsea. Species occurrence records from the BioBlitz will be used in the Nature Chelsea conservation lands model to identify lands of high biodiversity richness.

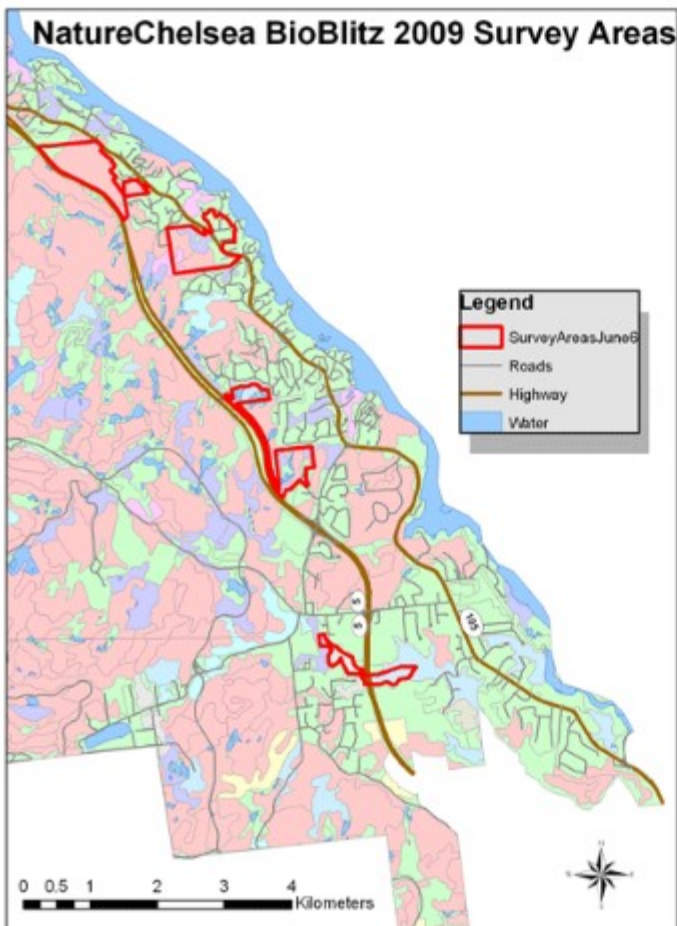


Figure 1. Areas surveyed during the 2009 BioBlitz in Chelsea, Quebec.

Partnership

The 2009 BioBlitz was held in partnership with the ACRE, the Municipality of Chelsea, the National Capital Commission (Gatineau Park), and Friends of Gatineau Park. ACRE provided volunteers for planning and executing the BioBlitz, the Municipality provided logistical support, and the National Capital Commission provided expertise in event planning and media relations, as well as a venue for the BioBlitz headquarters, and logistical support. The BioBlitz would not have been a success without our partners, and we extend our gratitude to all of the individuals who offered their time and expertise to us.



Results

Forty-four experts in various taxonomic groups participated in the BioBlitz (Table 1). A total of 1080 records of 640 species were recorded, including 85 species of birds, 9 species of herptiles (reptiles and amphibians), 13 species of mammals, 198 species of insects, 79 species of lichen, and 256 species of plants (Figure 2). Five species of lichen not previously recorded in Gatineau Park were found during the BioBlitz. The weather conditions during the 2009 BioBlitz were excellent.

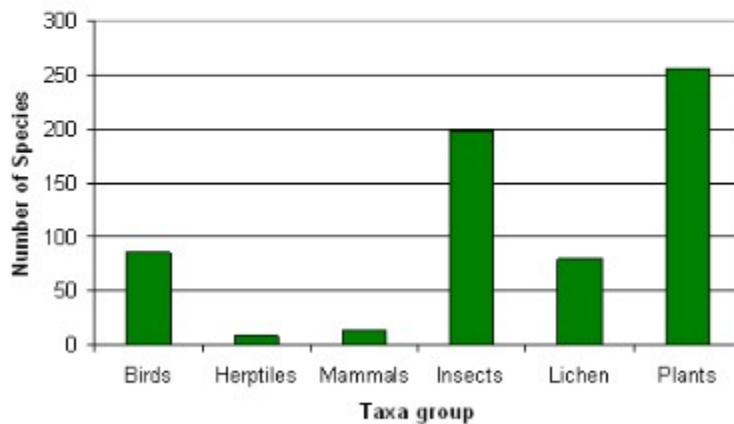


Figure 2. Number of species surveyed by taxa group in the 2009 Chelsea BioBlitz, June 6-7, 2009.

Acknowledgements

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Nature Chelsea Steering Committee

- Stephen Woodley - *BioBlitz co-lead*
- Christie Spence
- Alison Woodley
- Rachel Deslaurier
- Ewen Eberhardt
- Scott Findlay

National Capital Commission

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- Sandra Cook - *Biology*
- Isabekille Beaudoin-Roy - *Biology*
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- André Robert (Demsis) - *Event Logistics*
- Marilyne Guèvremont - *Media relations*

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- Isabelle Pitre
- Marie-Eve Charbois
- Jean Perras
- Jonathan Régnière
- Luce Gilbert

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- Louise Ganz
- Bryan Grimwold
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- Jessica Hervé
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Mapping

- John Middlemiss

Logo Creation, Graphic Design and French Translation

- Melina Patry

Photography

- Suzanne Gibeault
- Geof Burbidge

Table 1. Taxonomic experts participating in the 2009 Chelsea BioBlitz

Name	Expertise	Affiliation
Robert Alvo	Herptiles	Independent
Alain Baril	Birds	CWS
Vincent Barrette	Plants	MRC des Collines
Frederic Beaulieu	Insects	AAFC
Dan Bert	Insects	GLEL Carleton U
Julie Bourque	Birds	CWS
Fenja Brodo	Insects	CMN
Irwin Brodo	Lichen	CMN
Geoff Burbidge	Birds	Independent
Emma Burbidge	Birds	Independent
Carolyn Callaghan	Mammals	NatureChelsea
Bruce Cawdron	Plants	Independent
Hume Douglas	Insects	AAFC
Ronnie Drever	Plants	The Nature Conservancy
Colin Freebury	Lichen	Independent
Francois Genier	Insects	Association des entomologistes amateurs du Québec
Jean-Francois Gobeil	Birds	CWS
Briar Howes	Herptiles	Parks Canada
Raymond Hutchinson	Insects	Independent
Cheryl Johnson	Mammals	EC
Elena Kreuzberg	Birds	GLEL
Alex Kreuzberg	Insects	SSC/IUCN
Diane Lepage	Insects	Independent
Helene Levesque	Birds	CWS
Marilyn Light	Plants-Orchids	Orchid Specialist Group/North America (OSG/SSC/IUCN).
Michael Macconail	Plants-Orchids	Independent
Ashley McLaren	Mammals	GLEL Carleton U
Donald McLennan	Plants	Parks Canada
Benoit Ménard	Insects	Independent
Marie-Pierre Mignault	Insects	Independent
Keith Munro	Mammals	GLEL Carleton U
Simon Nadeau	Mammals	Fisheries and Oceans
Richard Pither	Mammals	Parks Canada
Sergei Ponamarenko	Plants	Parks Canada

Name	Expertise	Affiliation
Simon Rainville	Insects	AAFC_CFIA, Association des entomologistes amateurs du Québec
Trina Rytwinski	Mammals	GLEL Carleton U
Carl Savignac	Birds	Dendroica
Chris Schmidt	Insects	AAFC
Tamaini Snaith	Herptiles	Parks Canada
Adam Smith	Birds	GLEL Carleton U
Patricia Summers	Birds	GLEL
Valerie Torontow	Plants	Carleton U
Kara Vlasman	Herptiles	Parks Canada
Stephen Woodley	Mammals	Parks Canada