



**BIODIVERSITY WITHOUT BOUNDARIES 2017**  
 International NatureServe Network Conference  
 Ottawa, Ontario, April 9-13, 2017  
 Ottawa Marriott Hotel, 100 Kent Street



**DRAFT AGENDA**

<b>SUNDAY 9 APRIL</b>	9:00 AM - 6:00 PM	Field Trips
	2:00 - 5:00 PM	NatureServe Board of Directors Meeting - Cartier III
	6:00 - 9:00 PM	Joint Section Council Meeting - Cartier III
<b>MONDAY 10 APRIL</b>	8:30 - 9:00 AM	Coffee and Light Breakfast - Victoria South
	9:00 - 9:45 AM	Opening Remarks: Bruce Bennett, Chair, NatureServe Canada and Gregory A. Miller, President & CEO, NatureServe - Victoria North
	9:45 - 10:30 AM	First Nation Blessing and Plenary: Henry Lickers, Indigenous Environmental Knowledge - Victoria North
	10:30 - 11:00 AM	Break - Victoria South
	11:00 - 11:30 AM	Plenary - Victoria North
	11:30 AM - Noon	Alumni and Network Program Conservation Awards - Victoria North
	Noon - 1:30 PM	Lunch - Create Your Own Group

	1:30 - 3:00 PM	<b>Obtaining the Knowledge to Make Good Decisions: Surveying Biodiversity - Cartier I</b>	<b>Developing and Implementing Good Plans: Sustainable Industry - Cartier II</b>	<b>Measuring Progress and Communicating Success</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Karen Cieminski, Minnesota Department of Natural Resources (Moderator and Speaker) - Survey123 for ArcGIS to Collect Observation Data - MN NHP Experiences;</p> <p>Brent Kinal, New York Natural Heritage - Developing custom field data collection workflows compatible with a shared enterprise database using Esri Survey-123;</p> <p>Samuel Brinker, Ontario Ministry of Natural Resources and Forestry - Five Years of Botanical Surveys in Ontario's Far North;</p> <p>Wesley Knapp, North Carolina Natural Heritage - A baseline for the Anthropocene; An overview of Plant Extinction in North America north of Mexico</p>	<p>Reg Melanson, Canadian Business and Biodiversity Council, Patrick Henry, NatureServe Canada (Co-Moderators) - Biodiversity Data Needs to Inform Government and Industry Decision-making</p>	<p>Lori Scott, NatureServe (Moderator and Speaker) - Visualizing Corporate Conservation Efforts</p>	<p>Conservation Status Assessments of Bees Workshop- Jennifer Heron and Lea Gelling, British Columbia Conservation Data Centre, and Cory Sheffield, Royal Saskatchewan Museum (moderators);</p> <p>Colin Jones, Ontario Natural Heritage Information Centre - Ontario Pollinators: Monitoring Biodiversity and Assessing Habitat;</p> <p>Syd Canning, Canadian Wildlife Service - Monitoring Bumblebees in the Yukon; Finding New Gold in the Klondike</p>
	3:00 - 3:30 PM	Break - Victoria South			

	3:30 - 5:00 PM	<b>Obtaining the Knowledge to Make Good Decisions: Surveying Biodiversity - Cartier I</b>	<b>Developing and Implementing Good Plans: Future Directions in Conservation on Managed Lands</b>	<b>Measuring Progress and Communicating Success: Case Studies</b>	<b>Working Group - Capital/Carleton</b>
		<p>David Mazerolle, Atlantic Canada Conservation Data Centre - Filling knowledge gaps in Atlantic Canada through targeted fieldwork;</p> <p>Carla Church, Manitoba Conservation Data Centre (moderator and speaker) - Tigers on the Prowl: Confusion and Conservation of a Rare Salamander;</p> <p>Charles Francis, Canadian Wildlife Service - Developing an Avian Monitoring Strategy in Canada</p>	<p>Healy Hamilton, NatureServe and Paul Trianosky, Sustainable Forestry Initiative (Moderators). David Siedenfeld, American Bird Conservancy - Quantifying Conservation Value of Managed Lands;</p> <p>Rickie White, NatureServe - Quantifying Conservation Value of SFI-Certified Forests;</p> <p>Joel Bonin, Nature Conservancy of Canada - Using EDNA technology to benefit conservation of ephemeral pools in Canada;</p> <p>Andy Cutko, Maine Natural Areas Program - Planning for Resilience in Maine's North Woods</p>	<p>Cesar Lucio, Pronatura Veracruz - Assessing the performance of nucleation based techniques for mangrove forest restoration in Alvarado Lagoon System, Veracruz;</p> <p>Christopher Tracey, Pennsylvania Natural Heritage Program - Biodiversity data provision to local stakeholders: a Pennsylvania case study;</p> <p>Amelia Argue, Ontario Ministry of Natural Resources and Forestry - Reporting on the State of Ontario's Biodiversity</p>	<p>Conservation Status Assessments of Bees Workshop- Jennifer Heron and Lea Gelling, British Columbia Conservation Data Centre, and Cory Sheffield, Royal Saskatchewan Museum (moderators);</p> <p>Cory Sheffield, Royal Saskatchewan Museum - Review of Bee Systematics, Ecology and Conservation in Canada;</p> <p>Jeremy Kerr, U. of Ottawa - New life for old data: detecting global change impacts on species' conservation prospects;</p> <p>Catherine Sirois-Delisle, U. of Ottawa - An Approach to the Managed Relocation of Bumblebee Species Under Climate Change</p>
	6:00 - 10:00 PM	NatureServe Canada Welcome Reception			
<b>TUESDAY 11 APRIL</b>	8:30 - 9:00 AM	Coffee and Light Breakfast			
	9:00 -9:05 AM	Announcements - Victoria North			
	9:05 - 9:25 AM	Network Program Scientific/Technical Achievement and Collaboration/Mentoring Awards - Victoria North			
	9:25 - 10:00 AM	Plenary: Steve Hounsel, Chair Ontario Biodiversity Council - Towards an Ecologically Sustainable Future: Why Mainstreaming Biodiversity Matters - Victoria North			

	10:00 - 10:30 AM	Break - Victoria South			
	10:30 AM - Noon	<b>Obtaining the Knowledge to Make Good Decisions: Surveying Invasives - Cartier I</b>	<b>Developing and Implementing Good Plans: Using NatureServe Data and Products to Plan for Conservation of Species and Habitats in Managed Forest Ecosystems - Cartier II</b>	<b>Measuring Progress and Communicating Success - Cartier III</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Jennifer Dean, New York Natural Heritage (Moderator and Speaker) - Spatial prioritization of invasive species management and survey efforts;</p> <p>Amy Jewitt, Western Pennsylvania Conservancy - iMapInvasives Promotes a Better Understanding of Invasive Species;</p> <p>Michael Oldham, Ontario Natural Heritage Information Centre - Monitoring Exotic Plant Species Along Northwest Territories Highways;</p> <p>Bruce Bennett, Yukon Department of the Environment - Native Plant Range Expansion and Blurring Boundaries Between Native and Invasive;</p>	<p>Paul Trianosky, Sustainable Forestry Initiative and Rickie White (moderator).</p> <p>Andrew Fedora, Port Hawkesbury Paper - Using NatureServe Data to Plan and Manage for Critical Species and Habitat: Examples from Port Hawkesbury; others TBD</p>	<p>Regan Lyons Smyth and Healy Hamilton (Moderators and Speakers) - NatureServe Network Distribution Modeling Success Stories;</p> <p>Pat Comer, NatureServe and Dan Campbell, Syngenta - Net Conservation Benefit; others TBD</p>	<p>Building the Reference Network of Benchmark Ecosystem Sites Workshop - Don Faber-Langendoen, NatureServe</p>

	Noon - 1:30 PM	Lunch - Create Your Own Group			
	1:30 - 3:00 PM	<b>Obtaining the Knowledge to Make Good Decisions: Monitoring - Cartier I</b>	<b>Developing and Implementing Good Plans: Energy - Cartier II</b>	<b>Measuring Progress and Communicating Success: Mitigation - Cartier III</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Suzanne Carriere, Northwest Territories Conservation Data Centre (Moderator and Speaker) - Mapping species at the northern edge: do we have the knowledge to track the changes with climate;</p> <p>Mary Ann Furedi, Pennsylvania Natural Heritage Program - Understanding the effects of climate change on peatlands in Pennsylvania;</p> <p>Jenna Quinn, Rare Charitable Research Reserve - Long Term Monitoring Initiative to Inform Management Decisions</p>	<p>Erin Chen, NatureServe (Moderator) - Energy and Biodiversity in an Era of Global Change;</p> <p>Jacqueline Dennett, U. of Alberta - Enduring disturbance: rare vascular plants in Alberta's oil sands: Ann Smreciu, Wild Rose Consulting - A Cooperative Effort to Maintain Biodiversity in Alberta's Oil Sands</p>	<p>Nicole Firlotte, Manitoba Sustainable Development (Moderator and Speaker) - Chimney Swift Habitat Loss A Mitigation Case Study;</p> <p>Laura Landa, Pronatura Veracruz - Native seed preserves as a tool for diversifying ecosystem restoration in México;</p> <p>Betsy Leppo and JoAnn Albert, Western Pennsylvania Conservancy - Vernal pool conservation: examples of outreach, management and tracking;</p> <p>Robert Popp, Vermont Natural Heritage - Assisted Migration: Context, Risks, and Opportunities</p>	<p>NatureServe Species Distribution Modeling Workshop - Regan Lyons Smyth and Healy Hamilton, NatureServe</p>
	3:00 - 3:30 PM	Break			

	3:30 - 5:00 PM	<b>Obtaining the Knowledge to Make Good Decisions: Status Assessments - Cartier I</b>	<b>Developing and Implementing Good Plans: Minerals, Agriculture and Net Benefits - Cartier II</b>	<b>Measuring Progress and Communicating Success: Restoration - Cartier III</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Remi Hebert, Canadian Wildlife Service - Wild Species: The General Status of Species in Canada;</p> <p>Sybil Feinman, Canadian Wildlife Service - Drawing relationships between sectors and the specific activities which threaten biodiversity;</p> <p>Christopher Tracey, Pennsylvania Natural Heritage Program - Total Species Score for Large Scale Risk Assessment;</p>	<p>Shara Howie, NatureServe (Moderator) - Ashlea Frank, Compliance Services International and Shara Howie, NatureServe - Net Conservation Benefit Approaches Designed for Endangered Species and Pesticides;</p> <p>Barbara Frei, U. of Ottawa/McGill U - Multifunctional agroecosystems of Ontario: balancing biodiversity and ecosystem services;</p> <p>Chris Friesen, Manitoba Conservation Data Centre - Pits and Plants: Gravel Extraction and Rare Species;</p> <p>Meg Southee, Wildlife Conservation Society Canada - How is mineral exploration affecting caribou ranges in Ontario?</p>	<p>Climate Smart Restoration - Erin Chen, NatureServe (Moderator)</p>	<p>NatureServe Species Distribution Modeling Workshop - Regan Lyons Smyth and Healy Hamilton, NatureServe</p>
	6:00 - 9:00 PM	NatureServe Conservation Award - Victoria North			
<b>WEDNESDAY 12 APRIL</b>	8:30 - 9:00 AM	Coffee and Light Breakfast - Victoria South			
	9:00 -9:05 AM	Announcements - Victoria North			
	9:05 - 9:20 AM	Lifetime Achievement Award - Victoria North			
	9:20 - 10:00 AM	Plenary: Gregory A. Miller, President & CEO NatureServe - Strategy for NatureServe and the Network - Victoria North			
	10:00 - 10:30 AM	Break - Victoria South			

	10:30 AM - Noon	<b>Obtaining the Knowledge to Make Good Decisions: Classification and Mapping - Cartier I</b>	<b>Developing and Implementing Good Plans: Planning for Biodiversity - Cartier II</b>	<b>Strengthening the Network: Clients - Cartier III</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Patrick Henry, NatureServe Canada (Moderator and Speaker) - Status and Needs of the Canada National Vegetation Classification;</p> <p>Ephraim Zimmerman, Pennsylvania Natural Heritage Program - Revising Pennsylvania's Natural Plant Community Classification;</p> <p>Kevin Hop, U.S. Geological Survey - Lessons learned: synchronizing map layers to a single USNVC version;</p> <p>Jimmy Kagan, Institute for Natural Resources, Portland - Creating range maps for for all vertebrates, trees, shrubs and at-risk species in North America</p>	<p>Christopher Tracey, Pennsylvania Natural Heritage Program (Moderator and Speaker) - Prioritizing Habitats for Conservation Action in the Northeastern US: Leah de Forest, Parks Canada - Parks Canada Site-based Analysis of Species at Risk; prioritization of species and activities for multi-species action plans;</p> <p>Andrew Couturier, Bird Studies Canada - Incorporating biodiversity data into assessments for IBAs and KBAs;</p> <p>Ryan Fisher, Environment Saskatchewan -Using NatureServe Vista to inform landscape-scale planning in southwestern Saskatchewan;</p>	<p>Eric Lofroth, British Columbia Conservation Data Centre and Bryce Maxell (moderators) - Client Identification and Service</p>	<p>Karen Cieminski, Minnesota Department of Natural Resources (Moderator and Speaker) - Backlog Working Group Update and Discussion</p>
	Noon - 1:30 PM	Lunch - Create Your Own Lunch Group			

	1:30 - 3:00 PM	<b>Citizen Science - Cartier I</b>	<b>Developing and Implementing Good Plans: Planning for Biodiversity - Cartier II</b>	<b>Strengthening the Network: Network Collaboration - Cartier III</b>	<b>Working Groups - Capital/Carleton</b>
		<p>Lindsey Wise, Portland State University and Bryce Maxell, Montana Natural Heritage (Moderators) - Lindsey Wise and Bryce Maxell - Practical Uses of iNaturalist, eBird, and Other Online Observations;</p> <p>Peter Soroye, U. of Ottawa - How good is citizen science at contributing novel species information?</p> <p>John Klymko, Atlantic Canada Conservation Data Centre - Maritimes Butterfly Atlas</p>	<p>Julie Lundgren, New York Natural Heritage (Moderator) - Marie-Andree Carriere, Canadian Wildlife Service - The use of Network data in Canada's species at risk recovery planning;</p> <p>Michael Bradstreet, Nature Conservancy of Canada – Conservation Assessment for Southern Canada;</p> <p>Robert Zaino, Vermont Department of Fish and Wildlife - Heritage Data in State Lands Management Planning;</p> <p>Julie Lundgren, New York Natural Heritage - Meeting In the Middle - Satisfying Recreation and Conservation Priorities in NY State Parks</p>	<p>Eric Lofroth, British Columbia Conservation Data Centre (moderator) - Regional Network Collaboration Models</p>	<p>Canada National Vegetation Classification Working Group</p>
	3:00 - 3:30 PM	Break - Victoria South			



	3:30 - 5:00 PM	Citizen Science - Cartier I	Developing and Implementing Good Plans: Planning for Biodiversity - Cartier II	Strengthening the Network: MJD - Cartier III	Working Groups - Capital/Carleton
		<p>Lindsey Wise, Portland State University and Bryce Maxell, Montana Natural Heritage (Moderators);</p> <p>Janel Johnson, Nevada Natural Heritage Program - Year of the Monkey: a rare "super bloom" for Carson Valley Monkeyflower;</p> <p>Colin Jones, Ontario Natural Heritage Information Centre - Master Naturalists-- Champions of NatureServe?</p> <p>James Page, Canadian Wildlife Federation - Bioblitz Canada: documenting biodiversity from sea to sea to sea</p>	<p>Cary Hamel, Nature Conservancy of Canada (Moderator) and Nicole Firlotte, Manitoba Sustainable Development - A multiple Species management framework in tall-grass prairie;</p> <p>Katie Akey, Toronto Zoo - Conservation as Tradition: Protecting Biodiversity in First Nations Communities through Cultural Preservation;</p> <p>Mario Thomas, Biodiversity Institute of Ontario - DNA Barcoding to help achieve UN targets of the Biodiversity Strategic Plan</p>	<p>Shara Howie, NatureServe; Bob Gottfried, Texas Parks and Wildlife; Brian Klatt, Michigan Natural Features Inventory; and Everett Marshall, Vermont Natural Heritage - Multijurisdictional Data: A New Frontier</p>	<p>Canada National Vegetation Classification Working Group</p>
	6:00 - 8:00 PM	Reception at the Canadian Museum of Nature and <i>On Guard for Them: Global Status of Candian Species</i> Report Release			
<b>THURSDAY 13 APRIL</b>	8:30 - 9:00 AM	Coffee and Light Breakfast - Victoria South			
	9:00 AM - Noon	Network Business Meeting - Victoria North			
iMapInvasives Partnership: Strategic Meeting - Meg Wilkerson and DJ Evans, New York Natural Heritage; Lindsey Wise, Portland State University; and Jeff Wagner, Pennsylvania Natural Heritage - Victoria North, Monday 1:30 - 5:00 PM					
iMapInvasives Partnership: Technical Meeting - Lindsey Wise, Portland State University - Victoria North, Tuesday 1:30 - 5:00 PM					

