

Environnement Canada





# **Annual British Columbia** Conservation Areas **Summary Report 2014**

British Columbia NGO Conservation Areas **Database Technical Working Group** 

December 8, 2015





### **About the BC NGO Conservation Areas Database:**

Conservation partners have collaborated for a number of years as part of the British Columbia Non-governmental Organization (BC NGO) Conservation Areas Database Working Group to develop a comprehensive, standardized inventory of British Columbia's non-governmental conservation areas (also known as private conservation lands). These areas include properties designated as Fee Simple, Registerable Interests, and Unregisterable Interests and complement the inventories created by the Federal and Provincial Governments for federal and provincial protected areas. The BC NGO Conservation Areas Database was developed from cadastral mapping of legal parcels by local governments. The attributes of each conservation parcel were populated with information obtained from the conservation partners as well as by searching land titles.

Fee Simple is defined as ownership of the title to a legal parcel. Registerable Interests are other conservation securements registered on title, specifically conservation covenants and leases. Conservation covenants are a voluntary and legally binding interest on all or a portion of a legal parcel. The title is retained by the landowner, but the covenant and covenant holder (e.g. conservation organization) is registered on the title and binds the current and future owners of the parcel in how the land is used. Leased lands are managed for conservation similar to Fee Simple properties and are usually long term. There are some leases that are not registered on title and have not been included in the conservation areas data. Unregisterable Interests are conservation securements not registered on title, primarily conservation agreements but include other types of agreements as well. Conservation Agreements are voluntary arrangements with land owners to manage the land, or a portion of the land, with a particular objective. Importantly, overlapping ownership and/or management arrangements can occur on a single legal parcel. For instance, the purchase of a Fee Simple parcel may have been cost-shared with two or more conservation organizations who are all registered on the title. This same parcel may also have a conservation covenant registered and held with another organization.

Technical development of the database is led by the Technical Working Group, namely Ducks Unlimited Canada, The Nature Trust of British Columbia and the Canadian Wildlife Service of Environment Canada. Project direction and coordination is led by the General Working Group members, which in addition to the Technical Working Group includes the Nature Conservancy of Canada and The Land Trust Alliance of British Columbia. The conservation areas of more than forty conservation organizations are included in the database. The conservation parcels are produced with the cooperation of the Integrated Cadastral Information Society, which is coordinating the development of a standardized legal parcel fabric among British Columbia's local governments, utilities, assessment office, land titles office, and the Provincial Government. Some small land trusts have chosen not to participate in this project. Their total conservation area currently amounts to 15 hectares and represents 16 properties.

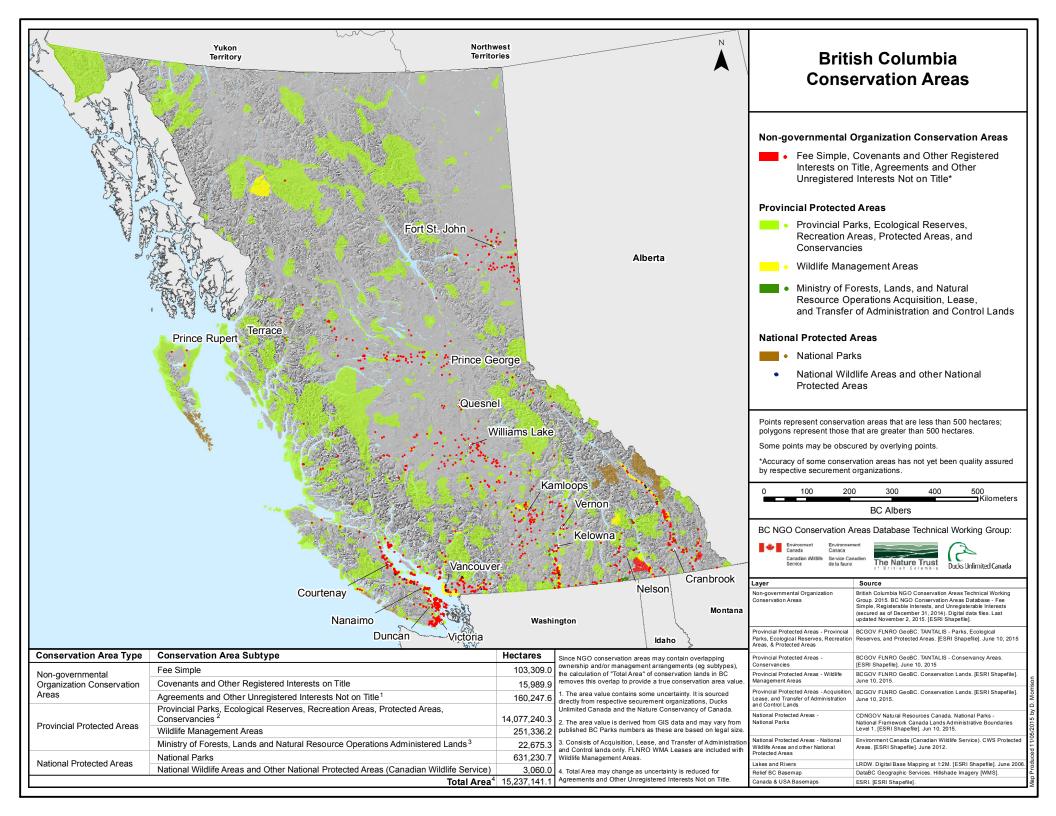
The Annual British Columbia Conservation Areas Summary provides the most accurate identification of total conservation area in BC. Since NGO conservation areas may overlap with some Provincial and Federal conservation areas, the calculation for the total area of conservation lands in BC removes this overlap. Although Regional and Municipal Parks also add to the conservation land in BC, these data were not in a format that could be easily included in the current totals and are intended to be included in future iterations of the Annual BC Conservation Areas Summary Report.

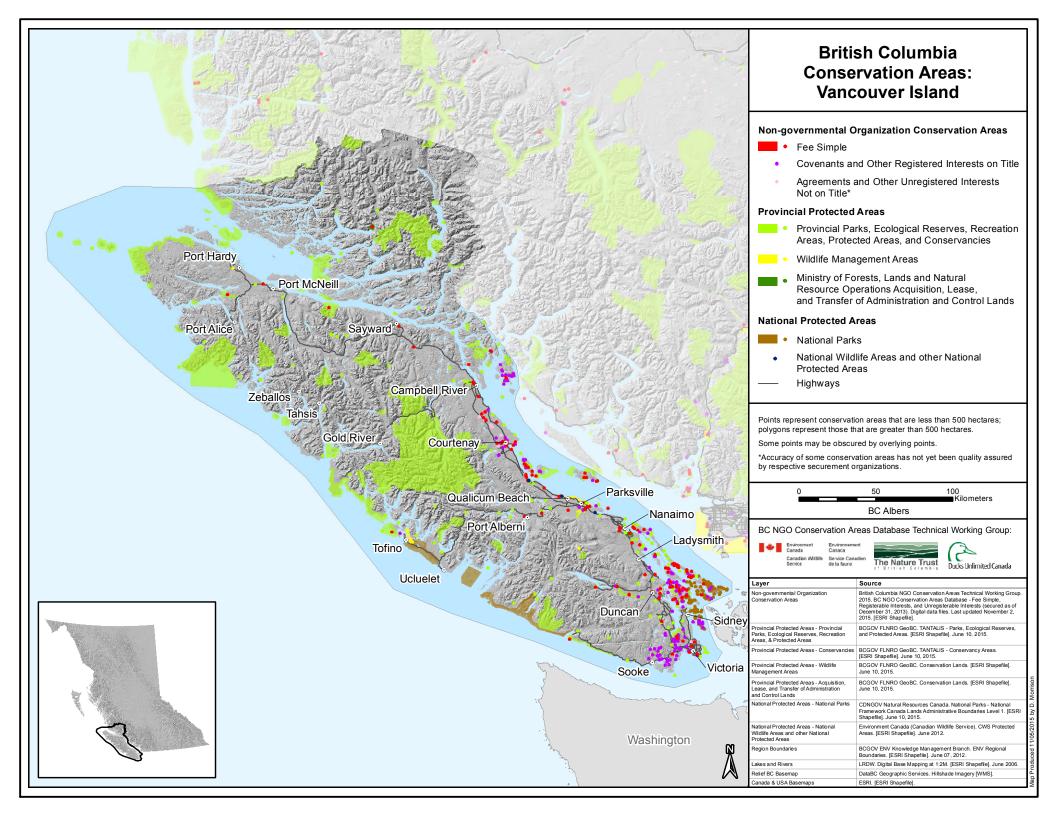
### 2014 Area Value Updates

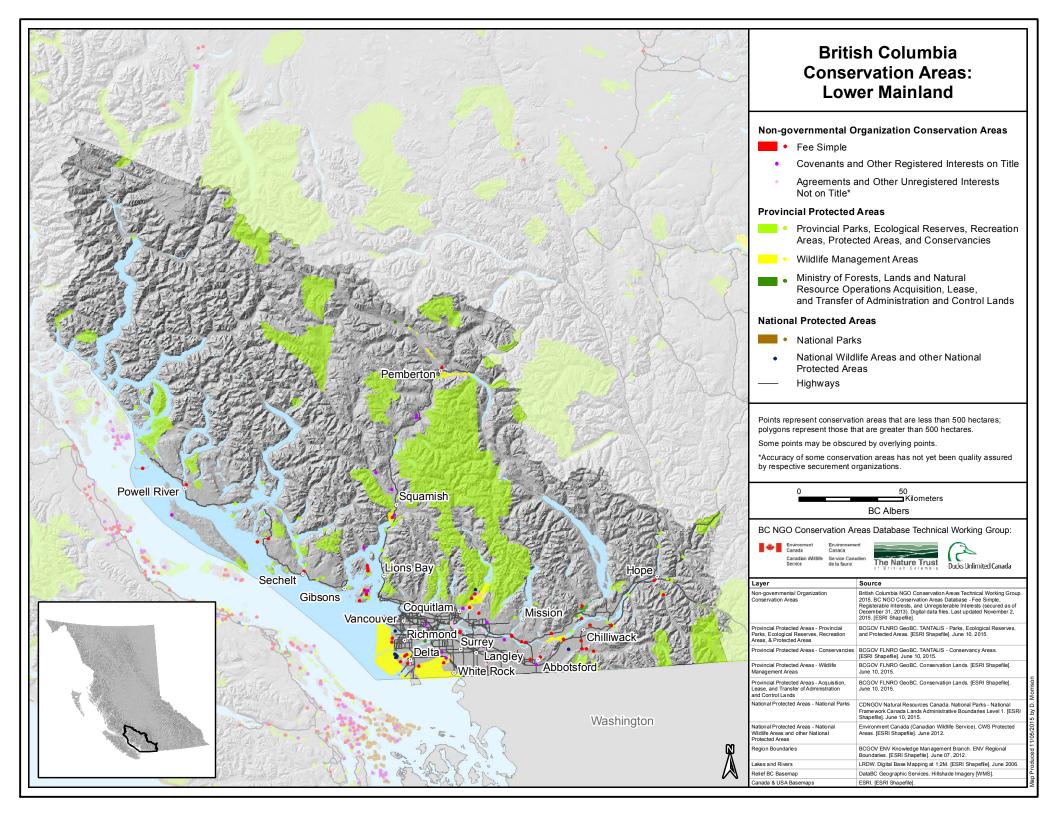
The following changes to NGO securement properties occurred during 2014. No new unregisterable interest conservation areas were secured.

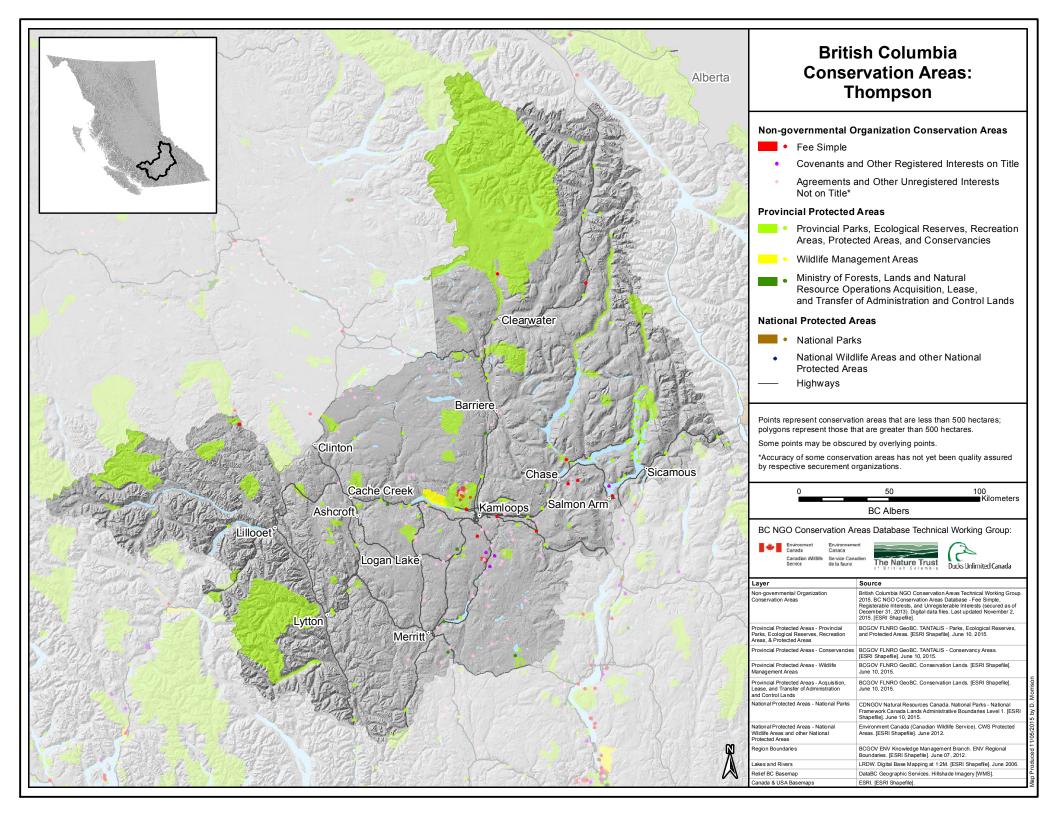
NGO Securement Organization with Area Change	Fee Simple (Ha)	Registerable Interests (Ha)	Total Change (Ha)	Reason for Change	
Burrowing Owl Conservation Society of B.C.	+2.4	0.0	+2.4	New 2014 Fee Simple securement	
Central Okanagan Land Trust	+261.2	+46.2	+307.4	Addition of existing Fee Simple and Covenant securements to database	
Cowichan Land Trust	0.0	+1.2	+1.2	Addition of existing Covenant securements to database	
Ducks Unlimited Canada	+90.5	+44.0	+134.5	New 2014 Fee Simple and Covenant securements	
Galiano Conservancy Association	+6.8	0.0	+6.8	New 2014 Fee Simple securements	
Habitat Acquisition Trust	0.0	+76.8	+76.7	New 2014 Covenant securement; Addition of existing Covenant securements to database	
Islands Trust Fund Board	+5.1	+0.8	+5.9	New 2014 Fee Simple and Covenant securements	
Nanaimo & Area Land Trust	+9.0	0.0	+9.0	New 2014 Fee Simple securement	
Nature Conservancy of Canada	+799.0	0.0	+799.0	New 2014 Fee Simple securements	
Salt Spring Island Conservancy	+2.4	+9.9	+12.2	New 2014 Fee Simple and Covenant securements	
The Land Conservancy of BC	-12.8	+2.3	-10.4	Removal of Fee Simple securements due to change in ownership; Addition of 2014 Covenant securement	
The Nature Trust of British Columbia	+124.4	0.0	+124.4	New 2014 Fee Simple securements	
Wild Bird Trust	-5.1	0.0	-5.1	Removal of Fee Simple securement due to change in ownership	

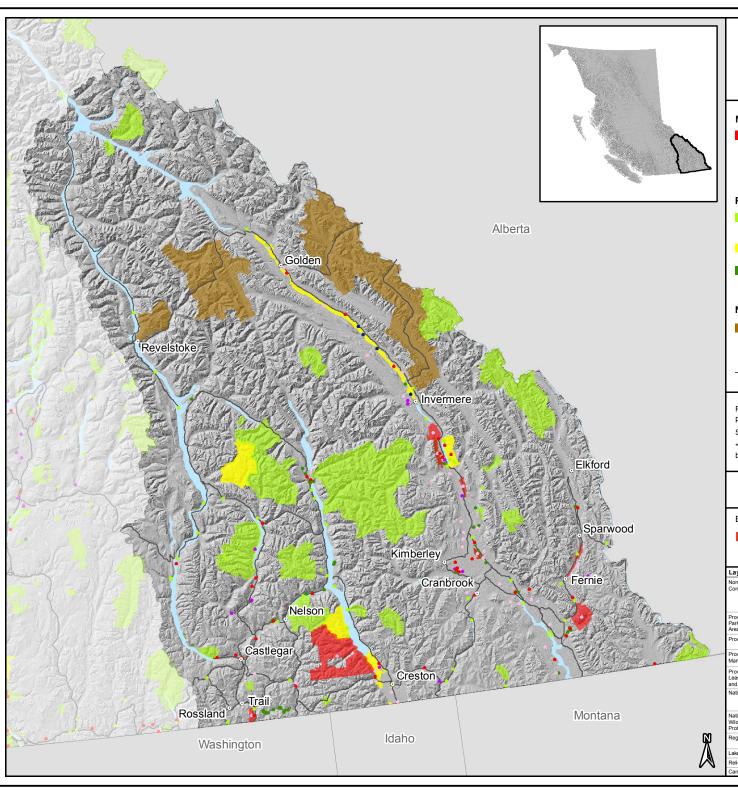
For a complete list of secured areas by NGO, please refer to the "Conservation Area by NGO Securement Organization" summary on the last page.











## **British Columbia Conservation Areas:** Kootenay

### Non-governmental Organization Conservation Areas

- Fee Simple
- Covenants and Other Registered Interests on Title
- Agreements and Other Unregistered Interests Not on Title\*

#### **Provincial Protected Areas**

- Provincial Parks, Ecological Reserves, Recreation Areas, Protected Areas, and Conservancies
  - Wildlife Management Areas
  - Ministry of Forests, Lands and Natural Resource Operations Acquisition, Lease, and Transfer of Administration and Control Lands

#### **National Protected Areas**



- National Parks
  - National Wildlife Areas and other National **Protected Areas**
- Highways

Points represent conservation areas that are less than 500 hectares; polygons represent those that are greater than 500 hectares.

Some points may be obscured by overlying points.

\*Accuracy of some conservation areas has not yet been quality assured by respective securement organizations.



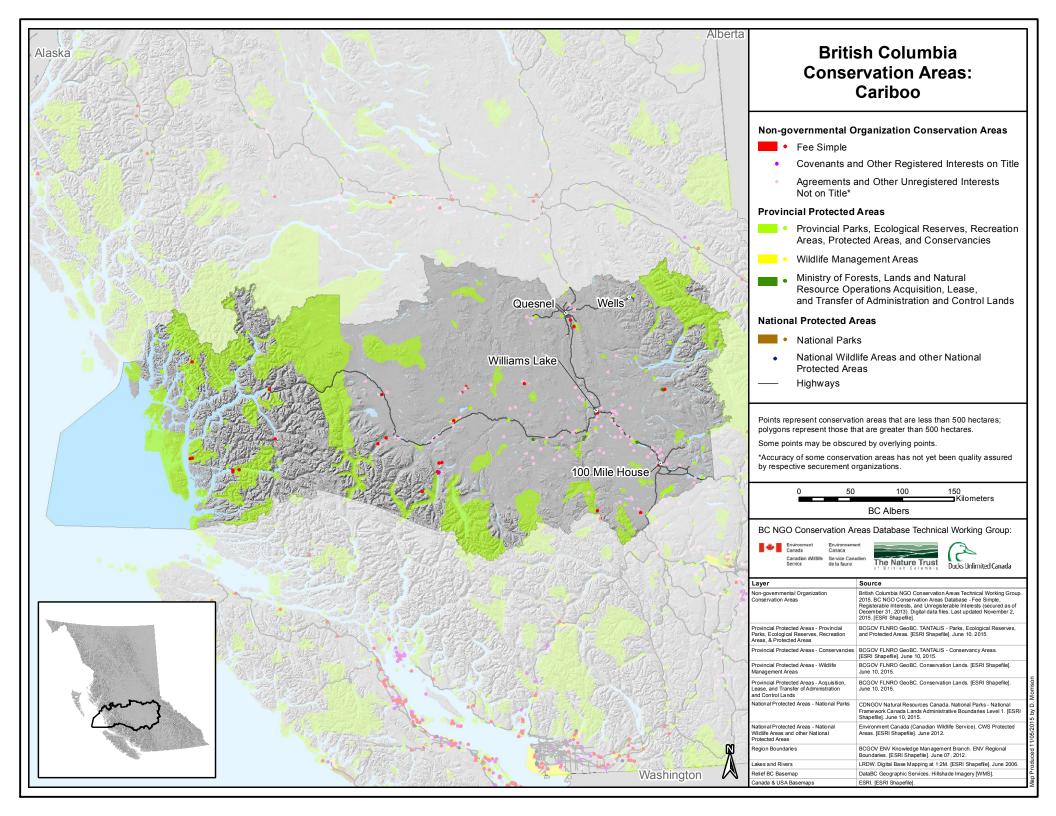
#### BC NGO Conservation Areas Database Technical Working Group:

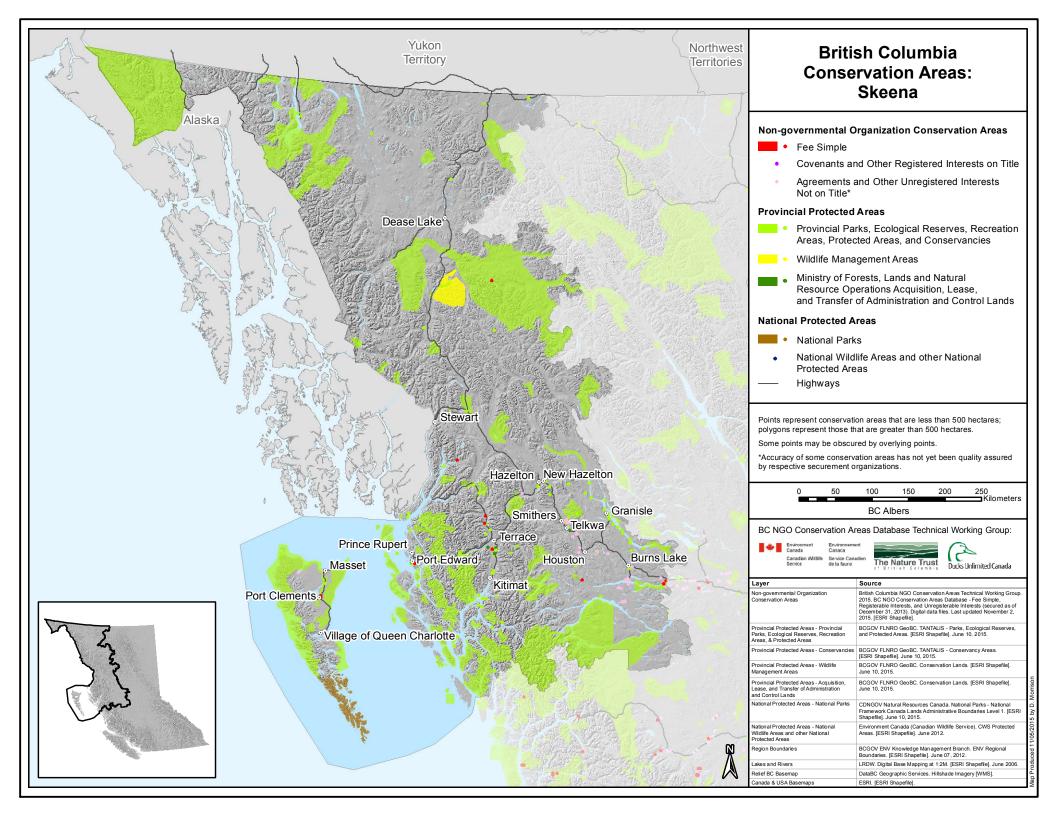


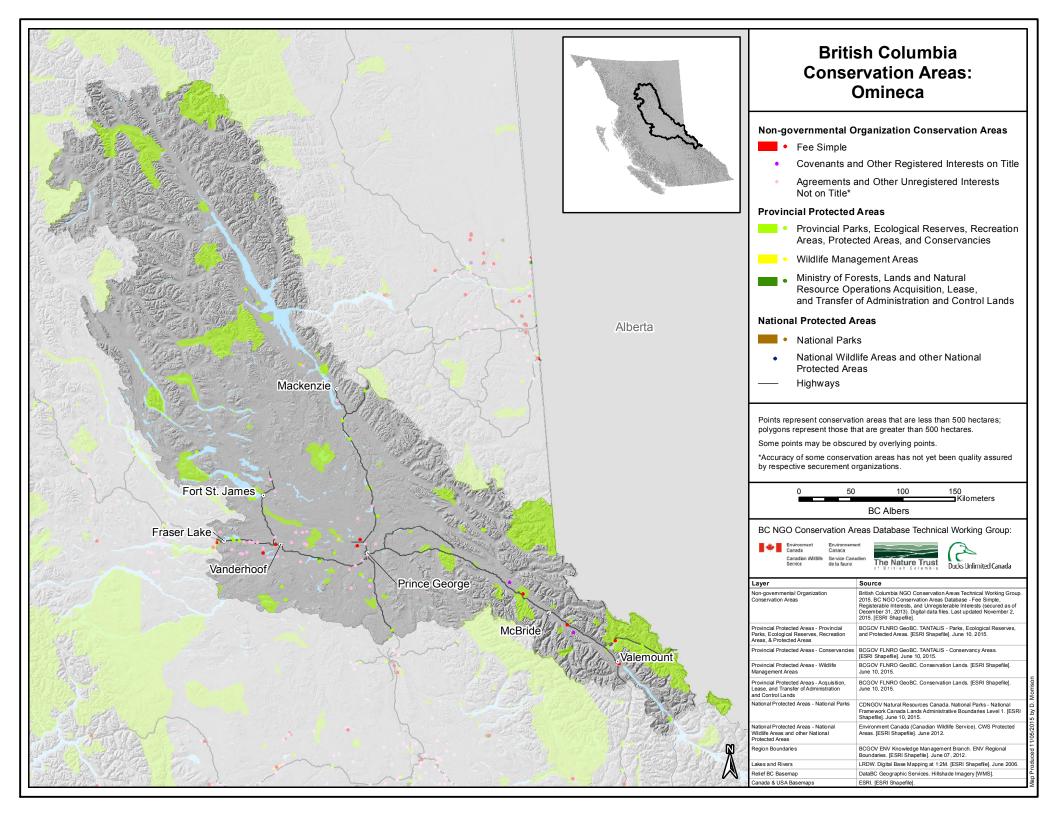


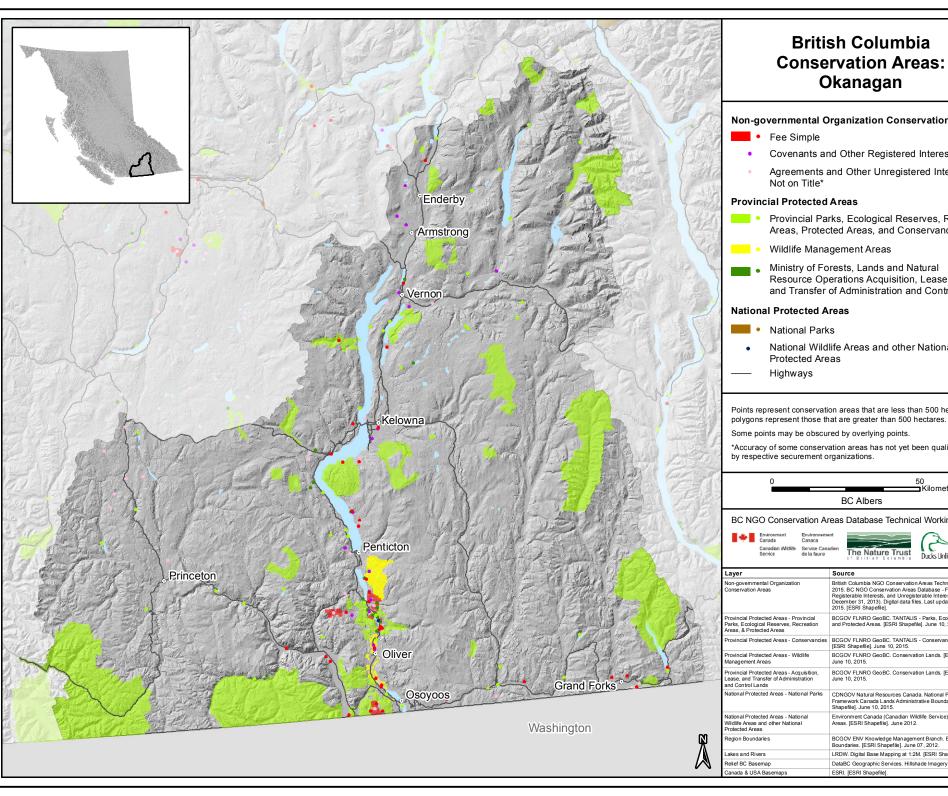


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Layer	Source			
Non-governmental Organization Conservation Areas	British Columbia NGO Conservation Areas Technical Working Group. 2015. BC NGO Conservation Areas Database - Fee Simple, Registerable Interests, and Urregisterable Interests (secured as of December 31, 2013). Digital data files. Last updated November 2, 2015. [ESRI Shapefile].			
Provincial Protected Areas - Provincial Parks, Ecological Reserves, Recreation Areas, & Protected Areas	BCGOV FLNRO GeoBC. TANTALIS - Parks, Ecological Reserves, and Protected Areas. [ESRI Shapefile]. June 10, 2015.	Ш		
Provincial Protected Areas - Conservancies	BCGOV FLNRO GeoBC. TANTALIS - Conservancy Areas. [ESRI Shapefile]. June 10, 2015.	Н		
Provincial Protected Areas - Wildlife Management Areas	BCGOV FLNRO GeoBC. Conservation Lands. [ESRI Shapefile]. June 10, 2015.	١١		
Provincial Protected Areas - Acquisition, Lease, and Transfer of Administration and Control Lands	BCGOV FLNRO GeoBC. Conservation Lands. [ESRI Shapefile]. June 10, 2015.	Morrison		
National Protected Areas - National Parks	CDNGOV Natural Resources Canada. National Parks - National Framework Canada Lands Administrative Boundaries Level 1. [ESRI Shapefile]. June 10, 2015.	by D.		
National Protected Areas - National Wildlife Areas and other National Protected Areas	Environment Canada (Canadian Wildlife Service). CWS Protected Areas. [ESRI Shapefile]. June 2012.	/ap Produced 11/05/2015		
Region Boundaries	BCGOV ENV Knowledge Management Branch. ENV Regional Boundaries. [ESRI Shapefile]. June 07, 2012.	ced 1		
Lakes and Rivers	LRDW. Digital Base Mapping at 1:2M. [ESRI Shapefile]. June 2006.	g		
Relief BC Basemap	DataBC Geographic Services. Hillshade Imagery [WMS].	٦.		
Canada & USA Basemaps	ESRI. [ESRI Shapefile].	/lai		









# **Conservation Areas:**

#### Non-governmental Organization Conservation Areas

- Covenants and Other Registered Interests on Title
- Agreements and Other Unregistered Interests
- Provincial Parks, Ecological Reserves, Recreation Areas, Protected Areas, and Conservancies
  - Resource Operations Acquisition, Lease, and Transfer of Administration and Control Lands
  - National Wildlife Areas and other National

Points represent conservation areas that are less than 500 hectares;

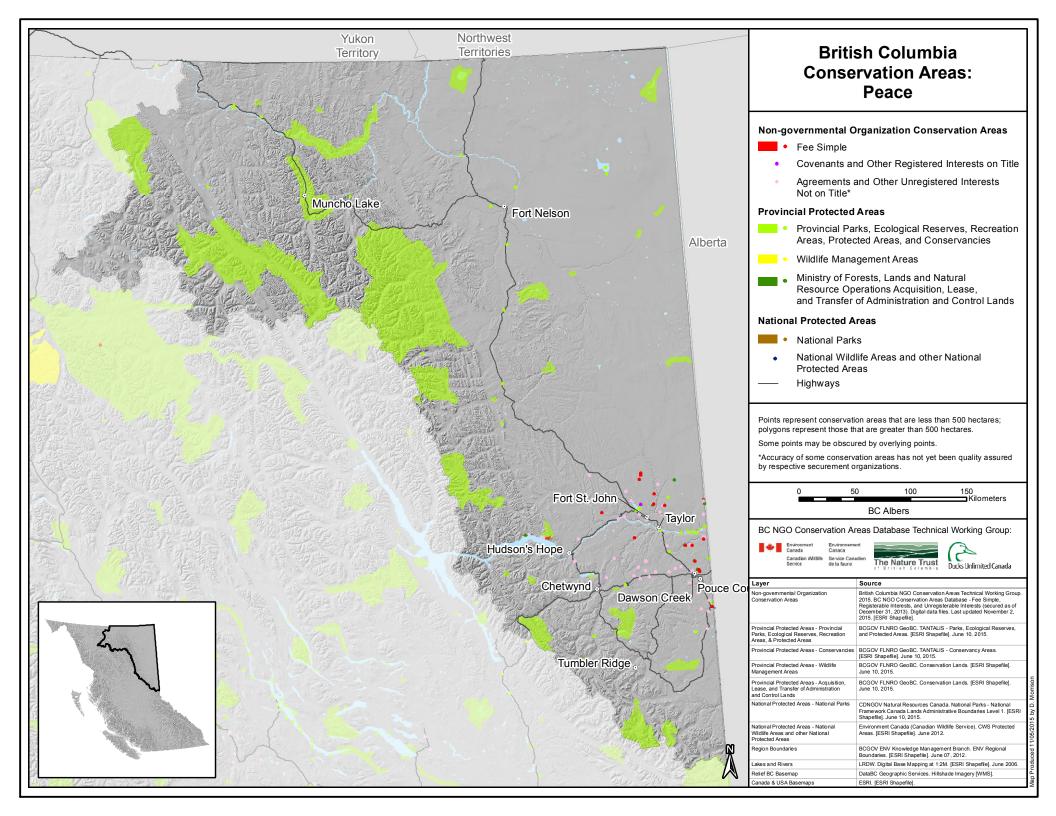
\*Accuracy of some conservation areas has not yet been quality assured



#### BC NGO Conservation Areas Database Technical Working Group:



Layer	Source
Non-governmental Organization Conservation Areas	British Columbia NGO Conservation Areas Technical Working Group. 2015. BC NGO Conservation Areas Database - Fee Simple, Registerable interests, and Unregisterable Interests (secured as of December 31, 2013, Digital data files. Last updated November 2, 2015. [ESRI Shapefile].
Provincial Protected Areas - Provincial Parks, Ecological Reserves, Recreation Areas, & Protected Areas	BCGOV FLNRO GeoBC. TANTALIS - Parks, Ecological Reserves, and Protected Areas. [ESRI Shapefile]. June 10, 2015.
Provincial Protected Areas - Conservancies	BCGOV FLNRO GeoBC. TANTALIS - Conservancy Areas. [ESRI Shapefile]. June 10, 2015.
Provincial Protected Areas - Wildlife Management Areas	BCGOV FLNRO GeoBC. Conservation Lands. [ESRI Shapefile]. June 10, 2015.
Provincial Protected Areas - Acquisition, Lease, and Transfer of Administration and Control Lands	BCGOV FLNRO GeoBC. Conservation Lands. [ESRI Shapefile]. June 10, 2015.
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Region Boundaries	BCGOV ENV Knowledge Management Branch. ENV Regional Boundaries. [ESRI Shapefile]. June 07, 2012.
Lakes and Rivers	LRDW. Digital Base Mapping at 1:2M. [ESRI Shapefile]. June 2006.
Relief BC Basemap	DataBC Geographic Services. Hillshade Imagery [WMS].



Conservation Area by NGO Securement Organization							
	Cons						
Securement Organization	Fee Simple (ha)	Covenants and Other Registered Interests on Title (ha)	Agreements and Other Unregistered Interests Not on Title (ha)*	Total (ha)			
American Friends of Canadian Land Trusts		5.8		5.8			
Bowen Island Conservancy		1.7		1.7			
Bowen Island Local Trust Committee		9.4		9.4			
Brown Property Preservation Society		18.9		18.9			
Burrowing Owl Conservation Society of B.C.	2.4			2.4			
Central Okanagan Land Trust	327.5	51.0		378.5			
Comox Strathcona Natural History Society		4.3		4.3			
Comox Valley Land Trust		110.5		110.5			
Conservancy Hornby Island		23.5		23.5			
Cowichan Land Trust		117.6		117.6			
Denman Conservancy Association	124.2	196.2		320.4			
Ducks Unlimited Canada	10,202.7	351.1	160,031.6	170,585.4			
Fraser Valley Conservancy	11.5	0.4	100,00110	11.9			
Gabriola Historical and Museum Society		0.2		0.2			
Gabriola Island Local Trust Committee		0.6		0.6			
Gabriola Land and Trails Trust		65.2		65.2			
Galiano Conservancy Association	184.6	216.2		400.8			
Galiano Island Local Trust Committee	104.0	54.4		54.4			
Gambier Island Conservancy		149.1		149.1			
Garry Oak Meadow Preservation Society		8.4		8.4			
Habitat Acquisition Trust	1.0	1,713.8		1,714.7			
Islands Trust Fund Board	598.3	545.3		1,143.6			
	390.3	63.7		63.7			
Kootenay Land Trust Society  Lasqueti Island Nature Conservancy		57.6		57.6			
Mayne Island Conservancy Society		0.5		0.5			
·		0.5					
Mayne Island Trust Committee  Nanaimo & Area Land Trust	0.0	184.2		0.5 193.2			
	9.0		244.2				
Nature Conservancy of Canada	72,541.6	7,365.4	214.3	80,121.2			
North Okanagan Parks and Natural Area Trust		6.4		6.4			
North Pender Island Local Trust Committee	40.4	53.3		53.3			
Okanagan Region Wildlife Heritage Fund Society	43.1	407.0		43.1			
Quadra Island Conservancy and Stewardship Society	23.0	127.3		150.4			
Rosewall-Bonnel Land Trust Society		1.0		1.0			
Salt Spring Island Conservancy	237.7	316.3		553.9			
Salt Spring Island Local Trust Committee		193.1		193.1			
Salt Spring Island Water Preservation Society	210.7	43.5		254.2			
Saturna Island Local Trust Committee		11.0		11.0			
Sunshine Coast Conservation Association		149.1		149.1			
The Galiano Club	345.4			345.4			
The Land Conservancy of BC	3,892.9	5,239.7	1.7	9,134.4			
The Nature Trust of British Columbia	21,521.9	1,714.3		23,236.2			
Turtle Island Earth Stewards Society	0.6	382.9		383.5			
Wild Bird Trust		0.3		0.3			
Total Area**	103,309.0	15,989.9	160,247.6	158,007.1			

As there can be more than one Conservation Area Subtype with interest in a conservation area, summing the area values for all Conservation Area Subtypes would lead to an overvaluation in the total conserved area. The "Total Area" removes the overvaluation and reflects the true conserved area.

<u>Data Recognition:</u>
British Columbia NGO Conservation Areas Technical Working Group. 2015. BC NGO Conservation Areas Database – Fee Simple, Registerable Interests, and Unregisterable Interests (secured as of December 31, 2014). Digital data files. Last updated November 2,

<sup>\*</sup>The area value contains some uncertainty. It is sourced directly from respective securement organizations, Ducks Unlimited Canada and the Nature Conservancy of Canada.

<sup>\*\*</sup>Total Area may change as uncertainty is reduced for Agreements and Other Unregistered Interests Not on Title.