

DATA DICTIONARY:

revised May 4, 2012

I. Observation Records

The following fields of data may be included (and may or may not be populated) in occurrence records. Text field lengths given as TXT+ are 255 char max. (and may truncate text).

TAXONOMY	type	definition
MCODE	TXT 8	8 character 'Museum Code' (1 to 4 = genus, 5 to 8 = sp+ssp)
ELCODE	TXT 10-12	Unique Identifier of taxon ¹
SCINAME	TXT+	Global Scientific Name of taxon ¹
COMNAME	TXT+	English Common Name of taxon ¹
NOMCOMMUN	TXT+	French Common Name

LOCATION

SURVEYSITE	TXT+	General locality of occurrence (not necessarily protected)
DIRECTIONS	TXT+	Specific locality: e.g. bearings and distance from enduring landmark
SUBNAT	TXT 2	Province/State: 2 character ISO code
COCODE	TXT 6	County Code (2 chars for province + 4 chars for county name)
MAPCODE	TXT 7	Map number: NTS identifier in Canada
UTME20	NUM 6	UTM ³ Easting reprojected as Zone 20
UTMN20	NUM 7	UTM ³ Northing reprojected as Zone 20
LONDEC	DEC 12,6	Decimal Longitude (6 decimal places, negative for west of Greenwich)
LATDEC	DEC 12,6	Decimal Latitude (6 decimal places)
LOCUNCM	NUM 5	Precision in meters, i.e. geospatial resolution or lack thereof
PREC	DEC 3,1	Precision in meters by power of 10 (e.g. 3 = 10 to the 3rd = 1000m = 1km)

	<i>prec</i>	<i>common speech</i>	<i>example</i>	<i>unit size</i>	<i>literal range (m)</i>
6.0		within province	province	1000.0km	562.3 - 1778.3
5.7		in part of province	'NW NB'	500.0km	281.2 - 889.1
5.0		within in county	county	100.0km	56.2 - 177.8
4.7		within 50s of kilometers		50.0km	28.1 - 88.9
4.0		within 10s of kilometers	BBA grid	10.0km	5.6 - 17.8
3.7		within 5s of kilometers		5.0km	2.8 - 8.9
3.0		within kilometers	topo grid	1.0km	0.6 - 1.8
2.7		within 500s of meters		500.0m	281.2 - 889.1
2.0		within 100s of meters	ball field	100.0m	56.2 - 177.8
1.7		within 50s of meters		50.0m	28.1 - 88.9
1.0		within 10s of meters	boxcar	10.0m	5.6 - 17.8
0.7		within 5s of meters		5.0m	2.8 - 8.9
0.0		within meters NOT USED	pace	1.0m	0.6 - 1.8
-1.0		within 10s of centimeters	fingernail	0.1m	0.1 - 0.2

RARITY STATUS

NRANK	TXT 5	National Rarity Rank of taxon (in Canada) ¹
NPROT	TXT+	National Protection Status of taxon (= COSEWIC in Canada)

code rank and short definition

X	Extinct in Canada and elsewhere
XT	Extirpated in Canada but surviving elsewhere
E	Endangered in Canada
T	Threatened in Canada
V	Vulnerable in Canada
SC	Special Concern in Canada
DD	Data Deficient: data inadequate for assessment
NAR	Not At Risk in Canada

SRANK**	TXT 5	Subnational (Provincial) Rarity Rank of taxon ¹
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code rank and short definition

SX	Extinct or extirpated in province
SH	Historically occurring but currently undetected in province
S1	Extremely rare in province
S2	Rare in province
S3	Uncommon in province
S4	Widespread, common and apparently secure in province
S5	Widespread, abundant and demonstrably secure in province
SE	Exotic in province
SA	Accidental, infrequent and outside of range within province
SNA	Ranking not applicable in province
SNR	Not yet assessed in province

SPROT**	TXT+	Provincial rank/status of taxon; cf provincial websites
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DATASENS TXT 5 Data sensitivity index; indicates blurred² export coordinates
 IUCN TXT+ International Union of Conservation Naturalists rarity rank; cf IUCN website
code rank and short definition

EX	Extinct: no individuals remaining
EW	Extinct in the Wild: only captive or naturalised survivors
CR	Critically Endangered: extreme risk of extinction in wild
EN	Endangered: high risk of extinction in wild
VU	Vulnerable: high risk of endangerment in wild
NT	Near Threatened: likely to become endangered soon
LC	Least Concern: lowest risk, widespread and abundant
DD	Data Deficient: data inadequate for assessment
NE	Not Evaluated, not yet assessed against criteria

OBSERVATION

OBSERVER TXT+ Person or persons collecting specimen, in bibliographic form
 OBDATE TXT 10 Date of specimen collection as YYYY MM DD
OBDATA TXT+ Concatenation of fields below, relating to specimen (EODATAEVID, EODATACNT etc)
 OBEVID TXT+ Type of evidence (specimen, photo etc)
 OBCOUNT TXT+ Number of individuals at location
 OBABUN TXT+ Relative rarity of taxon at location, e.g. ‘common’, ‘scattered’
 OBSIZE TXT+ Size of specimen
 SIZE TXT+ Size of occurrence ‘patch’ (in m2, ha or acres)
 OBDESC TXT+ Details of specimen appearance
 OBPHEN TXT+ Lifestage of specimen (bud, flowering etc)
 OBSEX TXT+ Male/female if relevant
 OBACTIV TXT+ Activity of taxon when observed (nesting, crossing road etc)
 OBASSP TXT+ Other taxa associated with specimen
 NOTETAX TXT+ Identifier’s note on taxonomic issues
GENDESC TXT+ Concatenation of fields below, relating to site (HABITAT, ECOL etc)
 HABITAT TXT+ Habitat characterisation of location
 ECODIST NUM 4 National Ecological Framework EcoDistrict identifier
 WSCODE TXT 10 Quaternary Watershed identifier
GCOM TXT+ General Comments: concatenation of Notes (NOTE1, NOTE2, NOTE3)

COLLECTION

OWNER TXT+ Landowner or owner type (Federal, Provincial, Private, etc)
 ACCNUM TXT+ Museum/Herbarium Accession number
 COLLNUM TXT+ Collectors’ number
 COLLECTION TXT+ Herbarium acronym(s) with specimen
 CITATION TXT+ Primary source of data

DATA MANAGEMENT

IDNUM TXT+ Field Office Number: Internal ACCDC record reference (not the EONUM)
 EDITION TXT 14 Last editor’s initials and date as YYYY MM DD
 OB TXT 2 Mapping shape: PN=polygon, BF=buffer, LN=line, PT=point
 DB TXT 2 Database, e.g. Ob=observations, Ff=freshwater fish, Bp=birds, pelagic
 IN TXT 2 GIS search flag for observation within buffer
 IX TXT 2 GIS search flag for observation intersects buffer
 EONUMLAST NUM 3 Map labeling flag for most recent taxon observation in area
 RARENS NUM 1 Inclusion flag for extraprovincial records in NS 100km GIS scans

Notes:

¹ Methodology of NatureServe, Arlington, VA
² Easting and Northing rounded to 5, 10 or 50km grid location.
³ Universal Transverse Mercator.
 ** Field name followed by 2-character ISO provincial abbreviation.

II. Managed or Special Areas

The following fields of data may be included (and may or may not be populated) for Protected Areas and Ecologically Significant Areas.

IDENTITY

MACODE	TXT 14	Unique identifier for Managed Area ¹ with some level of protection
SACODE	TXT 14	Unique identifier for Ecologically Special Area ¹ with or without protection
MANAME	TXT+	Name of Protected Area containing occurrence
SANAME	TXT+	Name of Ecologically Special Area containing occurrence
SITECODE	TXT+	External agency site identity code

JURISDICTION / OWNERSHIP

LOCALJURIS	TXT+	Abbreviation for mandated agency
OWNER	TXT+	Short name or category of title holder
OWNERCOM	TXT+	Short detail of multiparty arrangements
OWNERCODE	TXT+	Canadian Conservation Area DB ownercodes (modified)

<i>group</i>	<i>code</i>	<i>designation</i>
Owner	GN	government, national (federal)
	GS	government, subnational (prov., state)
	GM	government, municipal
	IN	international
	NG	non-governmental organisation
	OR	organisational
	CO	corporate
	PR	private

CLASSIFICATION

PROTSTAT	TXT+	Activities permitted or restricted (when known)
LEGALACT	TXT+	Short title of enabling legislation
LEGALDATE	TXT+	Year of enabling legislation
ESTABDATE	TXT+	Year of site designation
IBP	TXT+	International Biological Program identity number (Y=unknown)
IBPSTATUS	TXT+	International Biological Program status: proposed or declared
IUCN	TXT+	IUCN protection level, e.g. I very restricted, VI few restrictions
LEVEL1	TXT 3	Canadian Conservation Area DB type
LEVEL2	TXT+	Canadian Conservation Area DB subtype(s)

<i>group</i>	<i>code</i>	<i>designation</i>
Conservation	CEP	Conservation Easement Property
	ESA	Environmentally Sensitive Area
	NAC	Nature Conservancy
	NAT	Natural Area
	NCA	NCC Conservation Land
	PCA	Private Conservation Area
	PRA	Protected Area
	PRB	Protected Beach
	RER	Representative Area Ecological Reserve
	TRA	Nature Trail
Heritage	ARS	Archaeological Site
	HEA	Heritage Area or Park
	HEC	Heritage Canal
	HEP	Heritage Park
	HER	Heritage River
	HIA	Historic Area or Park
	NHP	National Historic Park
	NHS	National Historic Site
	PEP	Provincial Heritage Property
	PHP	Provincial Historic/Heritage Park
	PHS	Provincial Heritage Site
WHS	World Heritage Site	
Parks	CMG	Campground
	CMP	Community Park
	DUP	Day Use Park
	MUP	Municipal Park
	NAP	National Park
	NEP	Natural Environment Park
	NTP	Nature Park
	PKW	Parkway
	PNS	Picnic Site
	PVP	Provincial Park
WAP	Wayside Park	

<i>group</i>	<i>code</i>	<i>designation</i>
Wilderness	ECR	Ecological Reserve
	NTA	Nature Trust Area
	NTR	Nature Reserve
	SES	Significant Ecological Area
	WDA	Wilderness Area
	WDR	Wilderness Reserve
Wildlife	BSR	Bird Sanctuary
	EHJ	Eastern Habitat Joint Venture
	GAS	Game Sanctuary
	MBS	Migratory Bird Sanctuary
	NWA	National Wildlife Area
	PWA	Provincial Wildlife Area
	SBS	Sea Bird Sanctuary
	WHR	Western Hemispheric Shorebird Reserve
	WLP	Wildlife Park
	WLR	Wildlife Reserve
	WLS	Wildlife Sanctuary
	WMA	Wildlife Management Area
	WPA	Wildlife Protection Area
	WRF	Wildlife Refuge
Other	AGF	Agreement Forest
	ASI	Area of Scientific Interest
	DUN	Ducks Unlimited Canada
	EDA	Education Area
	FCP	Federal Community Pasture
	IBP	International Biological Program
	NCC	National Capital Commission
	NSA	Natural Scenic Area
	PLS	Palaeontological Site
	PSL	Public Safety Lands: watershed protection
	RAM	Ramsar Wetland Site
	RTA	Research and Teaching Area
NS SigHab	380	wetland habitat
	381	saltmarsh habitat
	382	deer/moose wintering
	383	other significant habitats