

I. Observation Records

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

| TAXONOMY | <i>type</i> | <i>definition</i> |
|-----------------|-------------|---|
| MCODE | TXT | 8 character 'Museum Code' (1 to 4 = genus, 5 to 8 = sp+ssp) |
| ELCODE | TXT | 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 | Province/State: 2 character ISO code |
| COCODE | TXT | County Code (2 chars for province + 4 chars for county name) |
| MAPCODE | TXT | Map number: NTS identifier in Canada |
| UTME20 | NUM | Easting in UTM Zone 20 |
| UTMN20 | NUM | Northing in UTM Zone 20 |
| LONDEC | DEC | Decimal Longitude (5 decimal places, negative for west of Greenwich) |
| LATDEC | DEC | Decimal Latitude (5 decimal places) |
| LOCUNCM | NUM | Horizontal precision in metres |
| PREC | DEC | Precision in metres by power of 10 (e.g. 3 = 10 to the 3rd = 1000 m = 1 km) |

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

RARITY STATUS

| | | |
|----------|-----|---|
| NRANK | TXT | National Rarity Rank of taxon (in Canada) ¹ |
| NPROT | TXT | National Protection Status of taxon (= COSEWIC in Canada) |
| NPROTSAR | TXT | National Protection Status of taxon (= SARA 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 | Subnational (Provincial) Rarity Rank of taxon ¹ |
|---------|-----|--|

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 |
|---------|-----|---|

SGSRANK TXT Provincial General Status Rank
 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 Date of specimen collection as YYYY MM DD
OBDATA TXT Concatenation of fields below, relating to specimen (OBEVID, OBCOUNT 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 characterization of location
 ECODIST NUM National Ecological Framework EcoDistrict identifier
 WSCODE TXT Quaternary Watershed identifier
GENCOM TXT General Comments: concatenation of Notes (NOTE1, NOTE2, NOTE3)

COLLECTION

CITATION TXT Primary source of data

DATA MANAGEMENT

IDNUM TXT Field Office Number: Internal ACCDC record reference (not the EONUM)
 EDITION TXT Last editor's initials and date as YYYY MM DD

Notes:

¹ Methodology of NatureServe, Arlington, VA
 ** 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 | Unique identifier for Managed Area ¹ with some level of protection |
| SACODE | TXT | 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 | 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 |
| | PPR | Provincial Park Reserve |
| | 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 |