



British Columbia Conservation Data Centre – 2022 Update

The BC Conservation Data Centre (CDC) is now a part of the Ministry of Land, Water and Resource Stewardship, and continues to catalogue, assess the [conservation status](#), and map species and ecological communities in BC. We are also a member of the non-profit organisation, [NatureServe Canada](#), and the international [NatureServe](#) Network. There are over 60 member programs employing over 1,000 conservation professionals. We share a common method for ranking and mapping species and ecological communities.

What an amazing source of collective expertise!

Highlights

Over 2200 species and ecological communities were added to our database and over 3800 conservation status ranks were reviewed/assigned.

Over 2400 Element Occurrences have been added or updated in our spatial layers this year. What is an Element Occurrence? Read about it [here](#).

The BC CDC responded to over 820 custom data requests this year and our web tools were accessed over 400,000 times per year.

We have added a new category to our BC List, "Not Reviewed". Read about the BC List [here](#).

2022 Taxonomy, Classification, and Rank Updates

The BC CDC annually releases updates to conservation status ranks of selected species and ecological communities, additions of new species and ecological communities in BC, and changes in species taxonomy and ecological community classification.

CDC data were updated in July and made available through [BC Species and Ecosystems Explorer](#) (BCSEE). BCSEE reflects the Provincial Resource Inventory Standards Committee (RISC) standard for scientific names, English names, and species codes (RISC codes) for species and ecological communities in BC.

Below is a summary, you can read the full list of changes [here](#).

Animal Updates:

The conservation status ranks were reviewed for 72 birds, 18 bats, 22 amphibians, and four invertebrates. Names were changed for six reptiles, one fish, and 36 invertebrates. One fish was added to our database, and seven invertebrates were removed. The [General Status Program](#) resulted in the addition of two new groups: 2062 true bugs and 232 water mites.

Plant Updates:

The conservation status ranks were reviewed for 46 vascular plants and three mosses. Names or taxonomy were changed for 43 vascular plants and 106 mosses. Twelve vascular plants and 26 mosses were added to our database. Four lichens and one macrofungi were also added this year due to incidental changes rather than a focused review. Eight vascular plants were removed due to unverified specimens or misidentification, and 22 mosses were removed as they could not be confirmed or were reidentified.

Ecological Community Updates:

The conservation status ranks were reviewed for 32 ecological communities this year. Two ecological communities were added and ranked for the first time. No ecological communities were removed from our database. There were eight scientific name changes.

Find previous years' changes [here](#).

Data Access

Information on species and ecological communities at risk is available via our website and tools:

BC Species and Ecosystems Explorer (BCSEE): Use this [tool](#) to generate lists of provincial species and ecological communities, conduct searches using criteria including conservation or legal status and spatial distribution, download your results to Excel, access related reports and documents, and more!

CDC iMap: Use our custom [tool](#) to view mapped known locations (Element Occurrences) of species and ecological communities at risk and download Element Occurrence reports; export those to Excel, PDF, or Shapefile. *Watch for EcoAtlas BC which will soon replace CDC iMap at the same URL.

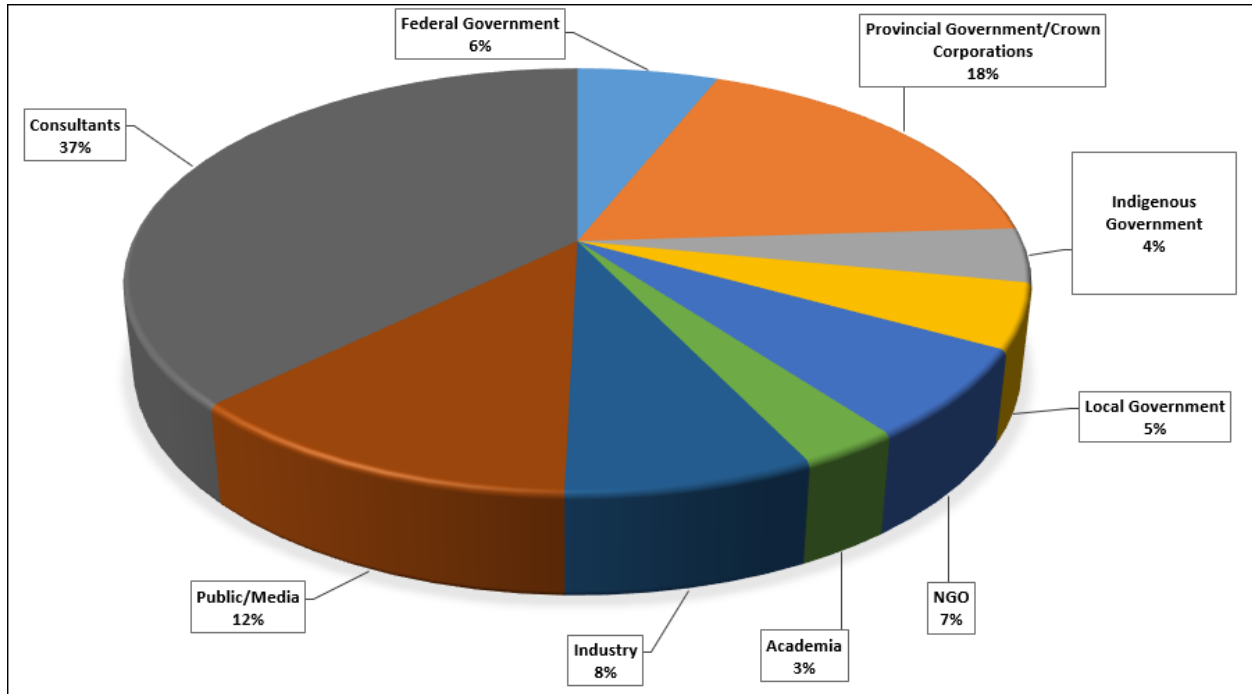
BC Data Catalogue: [Download](#) Element Occurrences as Shapefile, Geodatabase, CSV, KML, GeoRSS or GeoJSON or connect to the Web Mapping Services (WMS) URL.

Submit data and information: Help us keep our information current! [Submit data and information](#) relating to BC's animals, plants, and ecological communities to Wildlife Species Inventory submission site.

For more information on the above tools, and more, please visit our [Explore Data](#) web page.

Client Service

Client services include answering questions about CDC online tools, how to access secure data and information, and clarification about our methods for conservation status ranking and mapping. This year we responded to over 820 custom requests from various clients; see chart below.



If you have any questions, please contact us cdccdata@gov.bc.ca