

# Package ‘fishbc’

May 8, 2026

**Title** Fishes of British Columbia

**Version** 0.2.1

**Description** Provides raw and curated data on the codes, classification and conservation status of freshwater fishes in British Columbia. Marine fishes will be added in a future release.

**License** CC BY 4.0

**URL** <https://github.com/poissonconsulting/fishbc>

**BugReports** <https://github.com/poissonconsulting/fishbc/issues>

**Depends** R (>= 3.4)

**Suggests** chk, testthat, covr

**Encoding** UTF-8

**Language** en-US

**LazyData** true

**RoxygenNote** 7.1.1

**NeedsCompilation** no

**Author** Evan Amies-Galonski [aut, cre] (ORCID: <https://orcid.org/0000-0003-1096-2089>),  
Joe Thorley [aut] (ORCID: <https://orcid.org/0000-0002-7683-4592>),  
Nadine Hussein [aut] (ORCID: <https://orcid.org/0000-0003-4470-8361>),  
Bronwen Lewis [ctb],  
Jesse Patterson [ctb],  
Gordon Oliphant [ctb],  
Seb Dalgarno [ctb],  
Simon Norris [ctb],  
Allan Irvine [ctb],  
Poisson Consulting [cph, fnd],  
Province of British Columbia [cph]

**Maintainer** Evan Amies-Galonski <evan@poissonconsulting.ca>

**Repository** CRAN

**Date/Publication** 2021-05-12 21:10:02 UTC

## Contents

ab . . . . .	2
cdc . . . . .	3
fbc_common_name . . . . .	4
freshwaterfish . . . . .	4

<b>Index</b>	<b>6</b>
--------------	----------

---

ab *Government of Alberta Fish Codes*

---

### Description

Official Alberta Fisheries and Wildlife Management Information System (FWMIS) fish data.

### Usage

ab

### Format

A tbl data frame that includes:

**Species Common Name** A character vector of the AB fish species common name.

**Scientific Name** A character vector of the AB fish species scientific name.

**Species Code** A character vector of the unique data centre fish code.

### Details

Located under FWMIS `fisheries` loadforms

The data is released under the [Open Government Licence - Alberta](#)

### References

AB Fisheries and Wildlife Management Information System (FWMIS). 2021. AB Environ. and Parks Edmonton, AB Available: <https://www.alberta.ca/fisheries-loadforms.aspx> (accessed Feb 9, 2021).

### See Also

Other fishcodes: [cdc](#), [freshwaterfish](#)

### Examples

`head(ab)`

---

`cdc`*BC Conservation Data Centre Fish Codes*

---

**Description**

Official raw BC Conservation Data Centre (CDC) fish data.

**Usage**`cdc`**Format**

A tbl data frame that includes:

**Species Code** A character vector of the unique data centre fish code.

**BC List** A character vector of the BC Conservation Listing.

**Details**

The search criteria were Fish, Freshwater OR Fish, Marine and the sort order was Scientific Name Ascending.

The data is released under the [Open Government Licence - British Columbia](#)

**References**

B.C. Conservation Data Centre. 2019. BC Species and Ecosystems Explorer. B.C. Minist. of Environ. Victoria, B.C. Available: <https://a100.gov.bc.ca/pub/eswp/> (accessed Aug 23, 2019).

**See Also**

Other fishcodes: [ab](#), [freshwaterfish](#)

**Examples**

```
head(cdc)
```

---

fbc_common_name	<i>Common Name</i>
-----------------	--------------------

---

**Description**

Common Name

**Usage**

```
fbc_common_name(x)
```

**Arguments**

x                    A character vector of the provincial fish codes.

**Value**

A character vector of the corresponding common names.

**Examples**

```
fbc_common_name(c("AF", "WSG", NA, "AF", "NOTACODE"))
```

---

freshwaterfish	<i>BC Fish Data</i>
----------------	---------------------

---

**Description**

Curated data on the codes, classification and conservation status of freshwater fishes in British Columbia.

**Usage**

```
freshwaterfish
```

**Format**

A tbl data frame with 16 columns and 161 rows:

**Code** A character vector of the unique provincial fish code.

**CommonName** A character vector of the common name.

**Class** A character vector of the class.

**Order** A character vector of the order.

**Family** A character vector of the family.

**Genus** A character vector of the genus.

**Species** A character vector of the species.

**Subspecies** A character vector of the subspecies.

**Species2** A character vector of the second species if a hybrid.

**Extant** A logical vector indicating whether any of the fishes are extant in British Columbia.

**Native** A logical vector indicating whether any of the fishes are native to British Columbia.

**Marine** A logical vector indicating whether a life-stage of any of the fishes occur in saltwater in British Columbia.

**Yellow** A logical vector indicating whether any of the fishes are yellow listed in British Columbia.

**Blue** A logical vector indicating whether any of the fishes are blue listed in British Columbia.

**Red** A logical vector indicating whether any of the fishes are red listed in British Columbia.

**CDCode** A character vector specifying the BC Conservation Data Centre species code.

**ABCode** A character vector specifying the AB Fisheries and Wildlife Management Information System species code.

### **Details**

The data includes estuarine fishes and excludes non-finned fishes such as clams.

### **See Also**

Other fishcodes: [ab](#), [cdc](#)

### **Examples**

```
head(freshwaterfish)
```

# Index

\* **datasets**

ab, [2](#)

cdc, [3](#)

freshwaterfish, [4](#)

\* **fishcodes**

ab, [2](#)

cdc, [3](#)

freshwaterfish, [4](#)

ab, [2](#), [3](#), [5](#)

cdc, [2](#), [3](#), [5](#)

fbc\_common\_name, [4](#)

freshwaterfish, [2](#), [3](#), [4](#)