Package 'fishbc'

July 22, 2025

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.

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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

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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)

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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`   *Common Name*

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`   *BC Fish Data*

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)
```

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