AFSC/ABL:Coded-wire tag (CWT) recovery database for NOAA Fisheries, Alaska

Theme keywords: Biota, 002, Coded-wire tags, coded wire tag, CWT, salmon, high seas, release

Abstract: Information on the recovery of all CWT salmonids throughout the Pacific region is available in an on-line coastwide database, the Regional Mark Information System (RMIS). This database (see http://www.psmfc.org/rmpc/index.html) is maintained by the Regional Mark Processing Center (RMPC) of the Pacific States Marine Fisheries Commission (PSMFC) to facilitate exchange of CWT data between release agencies, sampling/recovery agencies, and other data users. NOAA Fisheries at Auke Bay Laboratories (ABL) is responsible for maintaining several different components of this coastwide CWT database including recovery records of CWT salmonids from Federal research programs in Alaska as well as tagged adult salmonid returns to Federal research facilities in Alaska. Also included are CWT recoveries from the bycatch of Federally-managed high seas fisheries such as the Gulf of Alaska groundfish fishery, the Bering Sea-Aleutian Islands groundfish fishery, the Pacific hake trawl fishery off Washington-Oregon-California, the limited-entry rockfish trawl fishery off Washington-Oregon-California, the limited-entry non-hake groundfish trawl fishery off Washington-Oregon-California, and the limited-entry sablefish fixed gear fishery off Washington-Oregon-California. Additionally, CWT recovery records from both domestic and foreign high seas research programs are also maintained by ABL.

FGDC, ESRI, and Biological Profile Metadata:

Metadata elements shown with **blue** text are defined in the Federal Geographic Data Committee's (FGDC) *Content Standard for Digital Geospatial Metadata (CSDGM)*. Elements shown with **green** text are defined in the *ESRI Profile of the CSDGM.* Elements shown with **brown** text are defined in the *NBII Biological Profile of the CSDGM.* Elements shown with a green asterisk (*****) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Celewycz, Adrian G., AFSC

Title:

AFSC/ABL:Coded-wire tag (CWT) recovery database for NOAA Fisheries, Alaska

Publication date: Unknown
Geospatial data presentation form: database

Online linkage: http://www.rmpc.org/external/rmis-standard-reporting.html

Description:

Abstract:

Information on the recovery of all CWT salmonids throughout the Pacific region is available in an on-line coastwide database, the Regional Mark Information System (RMIS). This database (see http://www.psmfc.org/rmpc/index.html) is maintained by the Regional Mark Processing Center (RMPC) of the Pacific States Marine Fisheries Commission (PSMFC) to facilitate exchange of CWT data between release agencies, sampling/recovery agencies, and other data users. NOAA Fisheries at Auke Bay Laboratories (ABL) is responsible for maintaining several different components of this coastwide CWT database including recovery records of CWT salmonids from Federal research programs in Alaska as well as tagged adult salmonid returns to Federal research facilities in Alaska. Also included are CWT recoveries from the bycatch of Federally-managed high seas fisheries such as the Gulf of Alaska groundfish fishery, the Bering Sea-Aleutian Islands groundfish fishery, the Pacific hake trawl fishery off Washington-Oregon-California, the limited-entry rockfish trawl fishery off Washington-Oregon-California, the limited-entry non-hake groundfish trawl fishery off Washington-Oregon-California, and the limited-entry sablefish fixed gear fishery off Washington-Oregon-California. Additionally, CWT recovery records from both domestic and foreign high seas research programs are also maintained by ABL.

Purpose:

To maintain a comprehensive database for coded-wire tag recovery information.

Time period of content:

Time period information:

Range of dates/times:

Beginning date: 1980
Ending date: 2009

Currentness reference:

publication date

Status:

Progress: In work
Maintenance and update frequency: Annually

Spatial domain:

Description of geographic extent:

North Pacific Ocean, Gulf of Alaska, and Bering Sea-Aleutian Islands

Bounding coordinates:
West bounding coordinate: -151
East bounding coordinate: -120
North bounding coordinate: 64
South bounding coordinate: 34

Keywords:
Theme:
Theme keywords: Biota, 002
Theme keyword thesaurus: ISO 19115 Topic Category

Theme:
Theme keywords: Coded-wire tags, coded wire tag, CWT, salmon, high seas, release
Theme keyword thesaurus: None

Place:
Place keywords: Alaska
Place keyword thesaurus: Geographic Names Information System

Taxonomy:
Keywords/taxon:
Taxonomic keywords: multiple species, vertebrates
Taxonomic keyword thesaurus: None

Taxonomic classification:
Taxon rank name: Empire
Taxon rank value: Biovitae
Applicable common names: Carbon-based lifeforms

Taxonomic classification:
Taxon rank name: Kingdom
Taxon rank value: Animalia

Taxonomic classification:
Taxon rank name: Phylum
Taxon rank value: Chordata

Taxonomic classification:
Taxon rank name: Subphylum

Taxon rank value: Vertebrata

Taxonomic classification:
Taxon rank name: Superclass
Taxon rank value: Osteichthyes

Taxonomic classification:
Taxon rank name: Class
Taxon rank value: Actinopterygii

Taxonomic classification:
Taxon rank name: Subclass
Taxon rank value: Neopterygii

Taxonomic classification:
Taxon rank name: Infraclass
Taxon rank value: Teleostei

Taxonomic classification:
Taxon rank name: Superorder
Taxon rank value: Protacanthopterygii

Taxonomic classification:
Taxon rank name: Order
Taxon rank value: Salmoniformes

Taxonomic classification:
Taxon rank name: Family
Taxon rank value: Salmonidae

Taxonomic classification:
Taxon rank name: Subfamily
Taxon rank value: Salmoninae

Taxonomic classification:
Taxon rank name: Genus
Taxon rank value: Oncorhynchus

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: gorbuscha

Applicable common names: pink salmon

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: keta
Applicable common names: chum salmon

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: kisutch
Applicable common names: silver salmon

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: mykiss
Applicable common names: steelhead

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: nerka
Applicable common names: sockeye salmon

Taxonomic classification:
Taxon rank name: Species
Taxon rank value: tshawytscha
Applicable common names: king salmon

Access constraints: There are no legal restrictions on access to the data. They reside in public domain and can be freely distributed.

Use constraints:

. User must read and fully comprehend the metadata prior to use. Data should not be used beyond the limits of the source scale. Acknowledgement of NOAA, as the source from which these data were obtained, in any publications and/or other representations of these data is suggested.

Point of contact:

Contact information:

Contact person primary:

Contact person: Adrian Celewycz
Contact organization: National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)

Contact address:

Address type: mailing and physical
Address:
17109 Point Lena Loop Road
City: Juneau
State or province: AK
Postal code: 99801
Country: USA

Contact voice telephone: 907-789-6000
Contact facsimile telephone: 907-789-6094

Contact electronic mail address: adrian.celewycz@noaa.gov

Contact instructions:
The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, use the voice phone number for referral.

Data set credit:
International North Pacific Fisheries Commission, North Pacific Anadromous Fish Commission

Native data set environment:
Microsoft Access database

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Data Quality Information:

Logical consistency report:
not applicable

Completeness report:

All cwts are blind read by 2 people during processing.

Lineage:

Methodology:

Methodology type:

Field

Methodology description:

Snouts are collected from research programs or commercial fisheries based on either visual (indicator fin clip) or electronic detection of the magnetized tag. Coded-Wire Tags (CWT) are dissected out of the snouts of salmon, and pertinent recovery data are entered into a database along with each tag code.

Process step:

Process description:

See methodology for more details.

Process date: Unknown

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Distribution Information:

Distributor:

Contact information:

Contact person primary:

Contact person: Adrian Celewycz

Contact organization: National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)

Contact address:

Address type: mailing and physical

Address:

17109 Point Lena Loop Road

City: Juneau

State or province: AK

Postal code: 99801

Country: USA

Contact voice telephone: 907-789-6000

Contact facsimile telephone: 907-789-6094

Contact electronic mail address: adrian.celewycz@noaa.gov

Contact instructions:
The e-mail address directs you to the person most knowledgeable about this data. If an alternative contact person becomes necessary, use the voice phone number for referral.

Resource description: Downloadable data

Distribution liability:
The user is responsible for the results of any application of this data for other than its intended purpose.

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Metadata Reference Information:

Metadata date: 20081016
Metadata review date: 20100129

Metadata contact:
Contact information:
Contact person primary:
Contact person: Emily Fergusson
Contact organization: National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)
Contact position: Metadata coordinator

Contact address:
Address type: mailing and physical
Address:
17109 Point Lena Loop Road
City: Juneau
State or province: AK
Postal code: 99801
Country: USA

Contact voice telephone: use e-mail to contact metadata coordinator
Contact facsimile telephone: 907-789-6094

Contact electronic mail address: AFSC.metadata@noaa.gov

Metadata standard name: FGDC Biological Data Profile of the Content Standard for Digital Geospatial Metadata
Metadata standard version: FGDC-STD-001.1-1999

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