# AFSC/ABL: Origins of salmon seized from the F/V Arctic Wind

**Theme keywords:** Biota, 002

**Abstract:** Samples of chum (Oncorhynchus keta), sockeye (O. nerka), and chinook salmon (O. tshawytscha) seized from the F/V Arctic Wind were analyzed to determine their region of origin using genetic stock identification (GSI), otolith marks, and parasite analysis. Based on the analysis, the chum salmon samples originated in Russia, 63%; Japan, 14%; western Alaska, 11%; Alaska Peninsula and Kodiak, 6%; PWS/southeast Alaska, 4%, and British Columbia, 1%. The origins of the sockeye salmon sample were Russia, 24%; Alaska/northern British Columbia, 75%; and southern British Columbia/Washington, 2%. The origins of the chinook salmon sample were Russia, 44%; western Alaska, 23%; southcentral Alaska, 6%, and California/Oregon/Washington, 27%. No chinook salmon were detected from southeast Alaska or British Columbia.

## FGDC, ESRI, and Biological Profile Metadata:


- Identification Information
- Data Quality Information
- Distribution Information
- Metadata Reference Information


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.

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## Identification Information:

**Citation:**

**Citation information:**

**Originators:** Kondzela, Chris, AFSC

**Title:**

AFSC/ABL: Origins of salmon seized from the F/V Arctic Wind

**Publication date:** 2000

**Geospatial data presentation form:** maps and data

**Other citation details:**

Wilmot, R. L., C. M. Kondzela, C. M. Guthrie III, A. Moles, Jerome J. Pella, and Michele Masuda. 2000. Origins of salmon seized from the F/V Arctic Wind. (NPAFC Doc. 471) Auke Bay Fisheries Laboratory, Alaska Fisheries Science Center, NMFS, NOAA, 11305 Glacier Highway, Juneau, AK 99801-8626. 18 pp.

**Online linkage:** http://www.npafc.org/new/pub_documents_2000.html

**Description:**

**Abstract:**

Samples of chum (Oncorhynchus keta), sockeye (O. nerka), and chinook salmon (O. tshawytscha) seized from the F/V Arctic Wind were analyzed to determine their region of origin using genetic stock identification (GSI), otolith marks, and parasite analysis. Based on the analysis, the chum salmon samples originated in Russia, 63%; Japan, 14%; western Alaska, 11%; Alaska Peninsula and Kodiak, 6%; PWS/southeast Alaska, 4%, and British Columbia, 1%. The origins of the sockeye salmon sample were Russia, 24%; Alaska/northern British Columbia, 75%; and southern British Columbia/Washington, 2%. The origins of the chinook salmon sample were Russia, 44%; western Alaska, 23%; southcentral Alaska, 6%, and California/Oregon/Washington, 27%. No chinook salmon were detected from southeast Alaska or British Columbia.

**Purpose:**

This dataset contains the data from genetic analysis of fish seized from the F/V Arctic Wind in 2000 in the Bering Sea.

**Time period of content:**

**Time period information:**

**Single date/time:**

**Calendar date:** 20000501

**Currentness reference:**

ground condition

**Status:**

**Progress:** Complete

**Maintenance and update frequency:** None planned

**Spatial domain:**

**Description of geographic extent:**

Alaska, North Pacific Ocean

**Bounding coordinates:**

**West bounding coordinate:** -171.9666

**East bounding coordinate:** -171.966
**North bounding coordinate:** 45.4
**South bounding coordinate:** 45.4

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

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

**Taxonomy:**
**Keywords/taxon:**
**Taxonomic keywords:** collection, 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:** keta
**Applicable common names:** chum salmon

**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:** chinook salmon, 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:** Chris Kondzela
**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:** chris.kondzela@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.

**Native data set environment:**

Microsoft Excel Spreadsheet

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## Data Quality Information:

**Logical consistency report:**
No logical consistency test were run.

**Completeness report:**
None

**Lineage:**
**Process step:**
**Process description:**
No process steps have been described for this data set

**Process date:** Unknown

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## Distribution Information:

**Distributor:**
**Contact information:**
**Contact person primary:**
**Contact person:** Chris Kondzela
**Contact organization:** National Oceanic and Atmospheric Administration (NOAA) Alaska Fisheries Science Center (AFSC) Auke Bay Laboratories (ABL)

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**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:** 20081208
**Metadata review date:** 20100122

**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 the 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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