

AFSC/ABL: Young of the year sablefish (*Anoplopoma fimbria*) voucher otoliths 1995-2004.

Theme keywords: 002, biota, voucher otoliths, otoliths, young of the year sablefish, YOY sablefish

Abstract: We studied young of the year sablefish *Anoplopoma fimbria* to collect basic life history information on their abundance, growth, and diet and to determine whether forecasting year class abundance based on young of the year surveys was practical. Surface gillnet surveys were conducted annually from 1995 to 2004 along the seaward edge of the continental shelf of Alaska. Otoliths were extracted from a random subset of juvenile sablefish sampled by gillnet. This data set includes voucher otoliths from these studies.

FGDC, ESRI, and Biological Profile Metadata:

- [Identification 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.

Identification Information:

Citation:

Citation information:

Originators: Courtney, D. L., Rutecki, T. L., Rigby, P., AFSC

Title:

AFSC/ABL: Young of the year sablefish (*Anoplopoma fimbria*) voucher otoliths 1995-2004.

Publication date: Unpublished material

Geospatial data presentation form: maps and data

Other citation details:

Sigler, M. F., T. L. Rutecki, D. L. Courtney, J. F. Karinen, and M-S. Yang. 2001. Young of the year sablefish abundance, growth, and diet in the Gulf of Alaska. Alaska Fisheries Research Bulletin 8:57-70. Courtney, D. L. and K. P. Severin. 2007. Validation of otolith increment daily periodicity in captive juvenile sablefish (*Anoplopoma fimbria*) experimentally immersed in strontium chloride (SrCl₂). Fisheries Research 83:246-252.

Description:**Abstract:**

We studied young of the year sablefish *Anoplopoma fimbria* to collect basic life history information on their abundance, growth, and diet and to determine whether forecasting year class abundance based on young of the year surveys was practical. Surface gillnet surveys were conducted annually from 1995 to 2004 along the seaward edge of the continental shelf of Alaska. Otoliths were extracted from a random subset of juvenile sablefish sampled by gillnet. This data set includes voucher otoliths from these studies.

Purpose:

This dataset represents the otoliths examined for the data referenced in the abstract.

Time period of content:**Time period information:****Range of dates/times:**

Beginning date: 199506

Ending date: 200408

Currentness reference:

ground condition

Status:

Progress: Complete

Maintenance and update frequency: Unknown

Spatial domain:**Description of geographic extent:**

Sablefish otoliths were collected from NMFS sablefish longline survey driftnet sampling in the Gulf of Alaska, Aleutian Islands region, and eastern Bering Sea

Bounding coordinates:

West bounding coordinate: -178.9

East bounding coordinate: -132.8

North bounding coordinate: 59.765

South bounding coordinate: 51.35

Keywords:**Theme:****Theme keywords:** 002, biota**Theme keyword thesaurus:** 19115 ISO Topic Categories**Theme:****Theme keywords:** voucher otoliths, otoliths, young of the year sablefish, YOY sablefish**Theme keyword thesaurus:** None**Place:****Place keywords:** Gulf of Alaska, Aleutian Islands, Bering Sea**Place keyword thesaurus:** Geographic Names Information System**Taxonomy:****Keywords/taxon:****Taxonomic keywords:** collection, single 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: Acanthopterygii

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

Taxonomic classification:
Taxon rank name: Suborder
Taxon rank value: Anoplopomatoidei

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

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

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

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: T. L. Rutecki

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

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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.

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City: Juneau**State or province:** AK**Postal code:** 99801**Country:** USA**Contact voice telephone:** 907-789-6000**Contact electronic mail address:** Phillip.Rigby@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.

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:** 20100122**Metadata review date:** 20100125**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:**

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Postal code: 99801

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Contact voice telephone: Use e-mail to contact the metadata coordinator.

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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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